

# The `stringenc` package

Heiko Oberdiek  
<heiko.oberdiek at gmail.com>

2010/03/01 v1.8

## Abstract

This package provides `\StringEncodingConvert` for converting a string between different encodings. Both  $\LaTeX$  and plain  $\TeX$  are supported.

## Contents

<b>1</b>	<b>Documentation</b>	<b>2</b>
1.1	User interface . . . . .	2
1.2	Supported encodings . . . . .	3
<b>2</b>	<b>Implementation</b>	<b>3</b>
2.1	Reload check and package identification . . . . .	4
2.2	Catcodes . . . . .	5
2.3	Tools . . . . .	6
2.4	Encoding aliases . . . . .	16
2.5	Encoding files . . . . .	18
2.5.1	UTF-32BE, UTF-32LE . . . . .	18
2.5.2	UTF-8 . . . . .	20
2.5.3	UTF-16LE . . . . .	26
2.5.4	PDFDocEncoding . . . . .	26
2.5.5	ISO-8859-1 . . . . .	28
2.5.6	CP1252 . . . . .	29
2.5.7	US-ASCII . . . . .	30
2.5.8	Encoding <code>ascii-print</code> . . . . .	31
2.5.9	Clean7Bit . . . . .	31
2.5.10	Other encodings (8 bit) . . . . .	33
<b>3</b>	<b>Test</b>	<b>75</b>
3.1	Catcode checks for loading . . . . .	75
3.2	Conversion tests . . . . .	76
3.2.1	UTF8/16/32 encodings . . . . .	77
3.2.2	ASCII . . . . .	79
3.2.3	PDFDocEncoding . . . . .	80
3.2.4	ISO-8859-1 . . . . .	80
3.2.5	CP1252 . . . . .	80
3.2.6	KOI8-R . . . . .	81
3.2.7	DEC-MCS . . . . .	81
3.3	Removal of byte order marks . . . . .	81
<b>4</b>	<b>Installation</b>	<b>82</b>
4.1	Download . . . . .	82
4.2	Bundle installation . . . . .	82
4.3	Package installation . . . . .	82
4.4	Refresh file name databases . . . . .	83
4.5	Some details for the interested . . . . .	83

<b>5 History</b>	<b>84</b>
[2007/06/14 v1.0]	84
[2007/06/16 v1.1]	84
[2007/09/09 v1.2]	84
[2007/10/22 v1.3]	84
[2007/11/11 v1.4]	84
[2007/11/25 v1.5]	84
[2008/10/27 v1.6]	84
[2009/12/15 v1.7]	85
[2010/03/01 v1.8]	85
<b>6 Index</b>	<b>85</b>

# 1 Documentation

## 1.1 User interface

`\StringEncodingConvert {<cmd>} {<string>} {<from>} {<to>}`

Macro `\StringEncodingConvert` converts `<string>` from encoding `<from>` to encoding `<to>` and stores the result in macro `<cmd>`. If the string contains macros, then they are expanded. This can be prevented by  $\varepsilon$ -TeX's `\detokenize`:

```
\expandafter\StringEncodingConvert\expandafter\Result\expandafter{%
  \detokenize{Hello \textbf{world}!}%
}{ascii}{utf8}
```

or using L<sup>A</sup>T<sub>E</sub>X's `\@onelevel@sanitize`:

```
\makeatletter
\newcommand*{\HelloWorld}{Hello \textbf{world}!}
\sanitize@onelevel\HelloWorld
\StringEncodingConvert\Result\HelloWorld{ascii}{utf8}
\makeatother
```

`\StringEncodingSuccessFailure {<success>} {<failure>}`

When `\StringEncodingConvert` converts a string it sets a flag that indicates whether the operation was successful. The conversion can fail, if the input is faulty or the string cannot be encoded in the new encoding. Faulty characters are dropped. Macro `\StringEncodingSuccessFailure` calls code `<success>` if the conversion was successful, otherwise `<failure>` is called. Example:

```
\StringEncodingConvert\Result{Hello world!}{ascii}{utf8}
\StringEncodingSuccessFailure{%
  % \Result contains the successfully converted string.
}{%
  % Problems during conversion. \Result is empty or
  % misses some characters.
}
```

`\StringEncodingConvertTest {<cmd>} {<string>} {<from>} {<to>} {<success>} {<failure>}`

Macro `\StringEncodingConvertTest` is more efficient than `\StringEncodingConvert` if the converted string does not interest in case of an error, because the conversion stops at the first error. If `<string>` can be successfully converted from encoding `<from>` to encoding `<to>`, then macro `<cmd>` contains the result and code `<success>` is executed. Otherwise code `<failure>` is executed, the contents of `<cmd>` is undefined.

## \StringEncodingList

Macro `\StringEncodingList` contains a comma separated list of supported encodings (without alias names).

### 1.2 Supported encodings

<code>ascii, us-ascii</code>	ASCII encoding, 8bit characters disabled
<code>ascii-print, ascii-printable</code>	printable ASCII characters including space (0x20–0x7E)
<code>clean7bit</code>	<code>%%DocumentData: Clean7Bit</code> bytes 0x1B to 0x7E, 0x0A (LF), 0x0D (CR), 0x09 (TAB)
<code>cp437, cp437de</code>	Code page 437
<code>cp850</code>	Code page 850
<code>cp852</code>	Code page 852
<code>cp855</code>	Code page 855
<code>cp858</code>	Code page 858
<code>cp865</code>	Code page 865
<code>cp866</code>	Code page 866
<code>cp1250</code>	Code page 1250
<code>cp1251</code>	Code page 1251
<code>cp1252, ansinew</code>	Code page 1252
<code>cp1257</code>	Code page 1257
<code>dec-mcs, decmulti</code>	DEC Multinational
<code>koi8-r</code>	KOI8-R (RFC1489)
<code>iso-8859-1, latin1</code>	ISO-8859-1
<code>iso-8859-2, latin2</code>	ISO-8859-2
<code>iso-8859-3, latin3</code>	ISO-8859-3
<code>iso-8859-4, latin4</code>	ISO-8859-4
<code>iso-8859-5, iso88595</code>	ISO-8859-5
<code>iso-8859-6</code>	ISO-8859-6
<code>iso-8859-7</code>	ISO-8859-7
<code>iso-8859-8</code>	ISO-8859-8
<code>iso-8859-9, latin5</code>	ISO-8859-9
<code>iso-8859-10, latin6</code>	ISO-8859-10
<code>iso-8859-11</code>	ISO-8859-11
<code>iso-8859-13, latin7</code>	ISO-8859-13
<code>iso-8859-14, latin8</code>	ISO-8859-14
<code>iso-8859-15, latin9</code>	ISO-8859-15
<code>iso-8859-16, latin10</code>	ISO-8859-16
<code>mac-centeuro, mac-ce, macce</code>	MAC OS Central European
<code>mac-cyrillic, maccyr, mac-ukrainian, macukr</code>	MAC OS Cyrillic
<code>mac-roman, applemac</code>	MAC OS Roman
<code>nextstep, next</code>	NextStep Encoding
<code>utf8, utf-8</code>	UTF-8
<code>utf16be, utf-16be, utf16, utf-16</code>	UTF-16BE
<code>utf16le, utf-16le</code>	UTF-16LE
<code>utf32be, utf-32be, utf32, utf-32</code>	UTF-32BE
<code>utf32le, utf-32le</code>	UTF-32LE

## 2 Implementation

1 `<*package>`

## 2.1 Reload check and package identification

Reload check, especially if the package is not used with L<sup>A</sup>T<sub>E</sub>X.

```
2 \begingroup\catcode61\catcode48\catcode32=10\relax%
3 \catcode13=5 % ^^M
4 \endlinechar=13 %
5 \catcode35=6 % #
6 \catcode39=12 % '
7 \catcode44=12 % ,
8 \catcode45=12 % -
9 \catcode46=12 % .
10 \catcode58=12 % :
11 \catcode64=11 % @
12 \catcode123=1 % {
13 \catcode125=2 % }
14 \expandafter\let\expandafter\x\csname ver@stringenc.sty\endcsname
15 \ifx\x\relax % plain-TEX, first loading
16 \else
17 \def\empty{}%
18 \ifx\x\empty % LaTeX, first loading,
19 % variable is initialized, but \ProvidesPackage not yet seen
20 \else
21 \expandafter\ifx\csname PackageInfo\endcsname\relax
22 \def\x#1#2{%
23 \immediate\write-1{Package #1 Info: #2.}%
24 }%
25 \else
26 \def\x#1#2{\PackageInfo{#1}{#2, stopped}}%
27 \fi
28 \x{stringenc}{The package is already loaded}%
29 \aftergroup\endinput
30 \fi
31 \fi
32 \endgroup%
```

Package identification:

```
33 \begingroup\catcode61\catcode48\catcode32=10\relax%
34 \catcode13=5 % ^^M
35 \endlinechar=13 %
36 \catcode35=6 % #
37 \catcode39=12 % '
38 \catcode40=12 % (
39 \catcode41=12 % )
40 \catcode44=12 % ,
41 \catcode45=12 % -
42 \catcode46=12 % .
43 \catcode47=12 % /
44 \catcode58=12 % :
45 \catcode64=11 % @
46 \catcode91=12 % [
47 \catcode93=12 % ]
48 \catcode123=1 % {
49 \catcode125=2 % }
50 \expandafter\ifx\csname ProvidesPackage\endcsname\relax
51 \def\x#1#2#3[#4]{\endgroup
52 \immediate\write-1{Package: #3 #4}%
53 \xdef#1{#4}%
54 }%
55 \else
56 \def\x#1#2[#3]{\endgroup
57 #2[#{#3}]%
58 \ifx#1\@undefined
59 \xdef#1{#3}%

```

```

60      \fi
61      \ifx#1\relax
62        \xdef#1{#3}%
63      \fi
64    }%
65  \fi
66 \expandafter\x\csname ver@stringenc.sty\endcsname
67 \ProvidesPackage{stringenc}%
68 [2010/03/01 v1.8 Converts strings between encodings (HO)]%

```

## 2.2 Catcodes

```

69 \begingroup\catcode61\catcode48\catcode32=10\relax%
70 \catcode13=5 % ^^M
71 \endlinechar=13 %
72 \catcode123 1 % {
73 \catcode125 2 % }
74 \catcode64 11 %
75 \def\x{\endgroup
76   \expandafter\edef\csname SE@AtEnd\endcsname{%
77     \endlinechar=\the\endlinechar\relax
78     \catcode13=\the\catcode13\relax
79     \catcode32=\the\catcode32\relax
80     \catcode35=\the\catcode35\relax
81     \catcode61=\the\catcode61\relax
82     \catcode64=\the\catcode64\relax
83     \catcode123=\the\catcode123\relax
84     \catcode125=\the\catcode125\relax
85   }%
86 }%
87 \x\catcode61\catcode48\catcode32=10\relax%
88 \catcode13=5 % ^^M
89 \endlinechar=13 %
90 \catcode35=6 % #
91 \catcode64=11 % @
92 \catcode123=1 % {
93 \catcode125=2 % }
94 \def\TMP@EnsureCode#1#2#3{%
95   \edef\SE@AtEnd{%
96     \SE@AtEnd
97     #1#2=\the#1#2\relax
98   }%
99   #1#2=#3\relax
100 }
101 \TMP@EnsureCode\catcode{34}-{12}% "
102 \TMP@EnsureCode\catcode{36}-{3}% $
103 \TMP@EnsureCode\catcode{38}-{4}% &
104 \TMP@EnsureCode\catcode{39}-{12}% '
105 \TMP@EnsureCode\catcode{40}-{12}% (
106 \TMP@EnsureCode\catcode{41}-{12}% )
107 \TMP@EnsureCode\catcode{42}-{12}% *
108 \TMP@EnsureCode\catcode{43}-{12}% +
109 \TMP@EnsureCode\catcode{44}-{12}% ,
110 \TMP@EnsureCode\catcode{45}-{12}% -
111 \TMP@EnsureCode\catcode{46}-{12}% .
112 \TMP@EnsureCode\catcode{47}-{12}% /
113 \TMP@EnsureCode\catcode{58}-{12}% :
114 \TMP@EnsureCode\catcode{60}-{12}% <
115 \TMP@EnsureCode\catcode{62}-{12}% >
116 \TMP@EnsureCode\catcode{91}-{12}% [
117 \TMP@EnsureCode\catcode{93}-{12}% ]
118 \TMP@EnsureCode\catcode{94}-{7}% ^

```

```

119 \TMP@EnsureCode\catcode{96}-{12}% '
120 \TMP@EnsureCode\uccode{34}-{0}% "
121 \TMP@EnsureCode\uccode{48}-{0}% 0
122 \TMP@EnsureCode\uccode{61}-{0}% =
123 \edef\SE@AtEnd{\SE@AtEnd\noexpand\endinput}

```

## 2.3 Tools

```

124 \begingroup\expandafter\expandafter\expandafter\endgroup
125 \expandafter\ifx\csname RequirePackage\endcsname\relax
126   \input infwarerr.sty\relax
127   \input ltxcmds.sty\relax
128   \input pdfescape.sty\relax
129 \else
130   \RequirePackage{infwarerr}[2007/09/09]%
131   \RequirePackage{ltxcmds}[2010/03/01]%
132   \RequirePackage{pdfescape}[2010/03/01]%
133 \fi

```

\SE@GobbleEight

```
134 \long\def\SE@GobbleEight#1#2#3#4#5#6#7#8{}
```

\SE@CarTwo

```
135 \long\def\SE@CarTwo#1#2#3\@nil{#1#2}
```

\SE@PrefixFrom

```
136 \def\SE@PrefixFrom{SE<}
```

\SE@PrefixSurrogateFrom

```
137 \def\SE@PrefixSurrogateFrom{SE<<}
```

\SE@PrefixTo

```
138 \def\SE@PrefixTo{SE>}
```

\SE@PrefixSurrogateTo

```
139 \def\SE@PrefixSurrogateTo{SE>>}
```

\SE@ResultAdd

```

140 \def\SE@ResultAdd#1{%
141   \edef\SE@result{\SE@result#1}%
142 }

```

```

143 \begingroup\expandafter\expandafter\expandafter\endgroup
144 \expandafter\ifx\csname newif\endcsname\relax

```

\SE@newif

```

145 \def\SE@newif#1{%
146   \begingroup
147   \escapechar=-1 %
148   \expandafter\endgroup
149   \expandafter\SE@@newif\string#1\@nil
150 }%

```

\SE@@newif

```

151 \def\SE@@newif#1#2#3\@nil{%
152   \expandafter\edef\csname#3true\endcsname{%
153     \let
154     \expandafter\noexpand\csname if#3\endcsname
155     \expandafter\noexpand\csname iftrue\endcsname
156   }%
157   \expandafter\edef\csname#3false\endcsname{%
158     \let

```

```

159     \expandafter\noexpand\csname if#3\endcsname
160     \expandafter\noexpand\csname iffalse\endcsname
161   }%
162   \csname#3false\endcsname
163 }%

164 \else

\SE@newif

165 \expandafter\let\expandafter\SE@newif\csname newif\endcsname
166 \fi

167 \SE@newif\ifSE@invalid

\SE@InvalidCharacter

168 \def\SE@InvalidCharacter{%
169   \SE@invalidtrue
170 }

\SE@ConvertTo The input string #2 of macro \SE@ConvertTo is given as hex string in UTF-16. It
is converted to encoding #3 and the result is stored in macro #1.

171 \def\SE@ConvertTo#1#2#3{%
172   \let\SE@result\ltx@empty
173   \EdefSanitize\SE@encoding{#3}%
174   \expandafter\ifx\csname\SE@PrefixTo\SE@encoding\endcsname\relax
175     \StringEncodingLoad\SE@encoding
176   \fi
177   \expandafter\ifx\csname\SE@PrefixTo\SE@encoding\endcsname\relax
178     \@PackageError{stringenc}{%
179       Conversion to encoding '\SE@encoding'\MessageBreak
180       is not supported%
181     }\@ehc
182   \else
183     \expandafter\let\expandafter\SE@ConvertNormal
184     \csname\SE@PrefixTo\SE@encoding\endcsname
185     \expandafter\let\expandafter\SE@ConvertSurrogate
186     \csname\SE@PrefixSurrogateTo\SE@encoding\endcsname
187     \SE@@ConvertTo#2\relax\relax\relax\relax
188   \fi
189   \let#1\SE@result
190 }

\SE@@ConvertTo

191 \def\SE@@ConvertTo#1#2#3#4{%
192   \ifx#1\relax
193     \let\SE@next\relax
194   \else
195     \ifx#4\relax
196       \let\SE@next\relax
197       \SE@InvalidCharacter
198     \else
199       \let\SE@next\SE@@ConvertTo
200       \ifnum"#1#2#3#4<"D800 %
201         \SE@ConvertNormal#1#2#3#4%
202       \else
203         \ifnum"#1#2#3#4>"DFFF %
204           \SE@ConvertNormal#1#2#3#4%
205         \else
206           \ifnum"#1#2#3#4>"DBFF %
207             \SE@InvalidCharacter
208           \else
209             \def\SE@high{#1#2#3#4}%

```

```

210         \let\SE@next\SE@@ScanLow
211     \fi
212 \fi
213 \fi
214 \ifSE@TestMode
215     \ifSE@invalid
216         \let\SE@next\SE@SkipRemaining
217     \fi
218 \fi
219 \fi
220 \fi
221 \SE@next
222 }

```

\SE@SkipRemaining

```

223 \def\SE@SkipRemaining#1\relax{}

```

\SE@@ScanLow

```

224 \def\SE@@ScanLow#1#2#3#4{%
225     \ifx#4\relax
226         \SE@InvalidCharacter
227         \let\SE@next\relax
228     \else
229         \ifcase\ifnum"#1#2#3#4<"DC00 %
230             \ltx@zero
231         \else
232             \ifnum"#1#2#3#4>"DFFF %
233                 \ltx@zero
234             \else
235                 \ltx@one
236             \fi
237         \fi
238         \SE@InvalidCharacter
239         \ifSE@TestMode
240             \let\SE@next\SE@SkipRemaining
241         \else
242             \def\SE@next{\SE@@ConvertTo#1#2#3#4}%
243         \fi
244     \else
245         \ifx\SE@ConvertSurrogate\relax
246         \else
247             \expandafter\SE@ConvertSurrogate\SE@high#1#2#3#4%
248         \fi
249         \let\SE@next\SE@@ConvertTo
250         \ifSE@TestMode
251             \ifSE@invalid
252                 \let\SE@next\SE@SkipRemaining
253             \fi
254         \fi
255     \fi
256 \fi
257 \SE@next
258 }

```

\SE@ConvertFrom The input string #2 of macro \SE@ConvertTo is given as hex string in encoding #3. It is converted to UTF-16 and the result is stored in macro #1.

```

259 \def\SE@ConvertFrom#1#2#3{%
260     \let\SE@result\ltx@empty
261     \EdefSanitize\SE@encoding{#3}%
262     \expandafter\ifx\csname\SE@PrefixFrom\SE@encoding\endcsname\relax
263         \StringEncodingLoad\SE@encoding
264     \fi

```



```

265 \expandafter\ifx\csname\SE@PrefixFrom\SE@encoding\endcsname\relax
266 \PackageError{stringenc}{%
267     Conversion from encoding '\SE@encoding'\MessageBreak
268     is not supported%
269 }\@ehc
270 \else
271 \csname\SE@PrefixFrom\SE@encoding\endcsname{#2}%
272 \fi
273 \let#1\SE@result
274 }

```

**\StringEncodingLoad** Macro `\StringEncodingLoad` loads an encoding definition file. However the loading can occur everywhere, even inside verbatim settings. Therefore we must ensure the catcodes of all used special characters. The exception are digits and letters.

```

275 \def\StringEncodingLoad#1{%
276 \begingroup
277 \catcode32=10 % space/space
278 \catcode35=6 % #/parameter
279 \catcode37=14 % percent/comment character
280 \catcode92=0 % backslash/escape character
281 \catcode123=1 % {/beginning of group
282 \catcode125=2 % }/end of group
283 \endlinechar=-1 %
284 \SE@MakeLetters @ABCDEFGHIJKLMNPRSTU%
285 abcdefghiklmnoprstuvwxyz\relax
286 \SE@MakeOthers "-./:<=>[]0123456789\relax
287 \expandafter\ifx\csname ProvidesFile\endcsname\relax
288 \def\ProvidesFile##1[##2]{%
289 \immediate\write-1{File: ##1 ##2}%
290 }%
291 \fi
292 \SE@InputIfFileExists{se-#1.def}%
293 \endgroup
294 }

```

**\SE@MakeLetters**

```

295 \def\SE@MakeLetters#1{%
296 \ifx#1\relax
297 \else
298 \catcode'#1=11 %
299 \expandafter\SE@MakeLetters
300 \fi
301 }

```

**\SE@MakeOthers**

```

302 \def\SE@MakeOthers#1{%
303 \ifx#1\relax
304 \else
305 \catcode'#1=12 %
306 \expandafter\SE@MakeOthers
307 \fi
308 }

```

**\SE@InputIfFileExists**

```

309 \begingroup\expandafter\expandafter\expandafter\endgroup
310 \expandafter\ifx\csname IfFileExists\endcsname\relax
311 \input pdftexcmds.sty\relax
312 \begingroup\expandafter\expandafter\expandafter\endgroup
313 \expandafter\ifx\csname pdf@filesize\endcsname\relax
314 \def\SE@InputIfFileExists#1{%
315 \expandafter\ifx\csname @inputcheck\endcsname\relax
316 \csname newread\endcsname\@inputcheck

```

```

317     \fi
318     \openin\@inputcheck#1\relax
319     \ifeof\@inputcheck
320         \SE@FileNotFound{#1}%
321     \else
322         \SE@Input{#1}%
323     \fi
324 }%
325 \else
326     \def\SE@InputIfFileExists#1{%
327         \expandafter\expandafter\expandafter
328         \ifx\expandafter\expandafter\expandafter\\pdf@filesize{#1}\\%
329             \SE@FileNotFound{#1}%
330         \else
331             \SE@Input{#1}%
332         \fi
333     }%
334     \fi
335 \else
336     \def\SE@InputIfFileExists#1{%
337         \IfFileExists{#1}{%
338             \SE@Input{#1}%
339         }{%
340             \SE@FileNotFound{#1}%
341         }%
342     }%
343 \fi

\SE@FileNotFound

344 \def\SE@FileNotFound#1{%
345     \@PackageWarning{stringenc}{%
346         Encoding file ‘#1’\MessageBreak
347         not found%
348     }%
349 }

\SE@Input

350 \def\SE@Input{%
351     \@ifnextchar\bgroup\@iinput\@input
352 }
353 \ifx\input\SE@Input
354     \def\SE@Input#1{%
355         \input{#1}%
356     }%
357 \else
358     \def\SE@Input#1{%
359         \input#1\relax
360     }%
361 \fi

\ifSE@numexpr

362 \SE@newif\ifSE@numexpr
363 \begingroup\expandafter\expandafter\expandafter\endgroup
364 \expandafter\ifx\csname numexpr\endcsname\relax
365 \else
366     \SE@numexprtrue
367 \fi

368 \ifSE@numexpr
369     \catcode36=9 % $ ignore
370     \catcode38=14 % & comment
371 \else

```

```

372 \catcode36=14 % $ comment
373 \catcode38=9 % & ignore
374 \fi

```

\SE@Nibble@NumToHex

```

375 \def\SE@Nibble@NumToHex#1{%
376 $ \ifcase\numexpr#1\relax
377 & \expandafter\ifcase\expandafter\ltx@firstofone\expandafter{\number#1} %
378 0\or 1\or 2\or 3\or 4\or 5\or 6\or 7\or
379 8\or 9\or A\or B\or C\or D\or E\or F%
380 \fi
381 }

```

\SE@Nibble@NumToBin

```

382 \def\SE@Nibble@NumToBin#1{%
383 $ \ifcase\numexpr#1\relax
384 & \expandafter
385 & \ifcase\expandafter\ltx@firstofone\expandafter{\number#1} %
386 0000\or
387 0001\or
388 0010\or
389 0011\or
390 0100\or
391 0101\or
392 0110\or
393 0111\or
394 1000\or
395 1001\or
396 1010\or
397 1011\or
398 1100\or
399 1101\or
400 1110\or
401 1111%
402 \fi
403 }

```

\SE@Nibbles@BinToHex

```

404 \def\SE@Nibbles@BinToHex#1{%
405 \expandafter\SE@Nibbles@BinToHex#1\ltx@empty\ltx@empty
406 \ltx@empty\ltx@empty
407 }
408 \def\SE@Nibbles@BinToHex#1#2#3#4{%
409 \ifx#1\ltx@empty
410 \else
411 $ \SE@Nibble@NumToHex{%
412 $ \numexpr#4+2*(#3+2*(#2+2*#1))\relax
413 $ }%
414 & \ifnum#1>\ltx@zero
415 & \ifnum#2>\ltx@zero
416 & \ifnum#3>\ltx@zero
417 & \ifnum#4>\ltx@zero
418 & F%
419 & \else
420 & E%
421 & \fi
422 & \else
423 & \ifnum#4>\ltx@zero
424 & D%
425 & \else
426 & C%
427 & \fi

```

```

428 &      \fi
429 &    \else
430 &      \ifnum#3>\ltx@zero
431 &        \ifnum#4>\ltx@zero
432 &          B%
433 &        \else
434 &          A%
435 &        \fi
436 &      \else
437 &        \ifnum#4>\ltx@zero
438 &          9%
439 &        \else
440 &          8%
441 &        \fi
442 &      \fi
443 &    \fi
444 &  \else
445 &    \ifnum#2>\ltx@zero
446 &      \ifnum#3>\ltx@zero
447 &        \ifnum#4>\ltx@zero
448 &          7%
449 &        \else
450 &          6%
451 &        \fi
452 &      \else
453 &        \ifnum#4>\ltx@zero
454 &          5%
455 &        \else
456 &          4%
457 &        \fi
458 &      \fi
459 &    \else
460 &      \ifnum#3>\ltx@zero
461 &        \ifnum#4>\ltx@zero
462 &          3%
463 &        \else
464 &          2%
465 &        \fi
466 &      \else
467 &        \ifnum#4>\ltx@zero
468 &          1%
469 &        \else
470 &          0%
471 &        \fi
472 &      \fi
473 &    \fi
474 &  \fi
475 &  \expandafter\SE@@Nibbles@BinToHex
476 & \fi
477 }

```

\SE@Add

```

478 \def\SE@Add#1#2#3{%
479 $ \edef#1{\the\numexpr(#2)+(#3)\relax}%
480 & \begingroup
481 &   \count\ltx@zero=#2\relax
482 &   \advance\count\ltx@zero by#3\relax
483 &   \edef\x{\endgroup
484 &     \def\noexpand#1{\the\count\ltx@zero}}%
485 &   }%
486 & \x
487 }

```

\SE@MapDeclare

```
488 \def\SE@MapDeclare#1#2#3{%
489   \SE@MapDeclareFrom{#1}-{#2}-{#3}%
490   \SE@MapDeclareTo{#1}-{#2}-{#3}%
491 }
```

\SE@MapDeclareFrom

```
492 \def\SE@MapDeclareFrom#1#2#3{%
493   \expandafter\gdef\csname SE->#1@#2\endcsname{#3}%
494 }
```

\SE@MapDeclareTo

```
495 \def\SE@MapDeclareTo#1#2#3{%
496   \expandafter\gdef\csname SE<#1@#3\endcsname{#2}%
497 }
```

\SE@MapConvertFrom

```
498 \def\SE@MapConvertFrom#1#2{%
499 $ \ifcsname SE->#1@#2\endcsname
500 $   \SE@ResultAdd{\csname SE->#1@#2\endcsname}%
501 $ \else
502 $   \SE@InvalidCharacter
503 $   \ifSE@TestMode
504 $     \let\SE@next\SE@SkipRemaining
505 $   \fi
506 $ \fi
507 & \begingroup\expandafter\expandafter\expandafter\endgroup
508 & \expandafter\ifx\csname SE->#1@#2\endcsname\relax
509 &   \SE@InvalidCharacter
510 &   \ifSE@TestMode
511 &     \let\SE@next\SE@SkipRemaining
512 &   \fi
513 & \else
514 &   \SE@ResultAdd{\csname SE->#1@#2\endcsname}%
515 & \fi
516 }
```

\SE@MapConvertTo

```
517 \def\SE@MapConvertTo#1#2{%
518 $ \ifcsname SE<#1@#2\endcsname
519 $   \SE@ResultAdd{\csname SE<#1@#2\endcsname}%
520 $ \else
521 $   \SE@InvalidCharacter
522 $ \fi
523 & \begingroup\expandafter\expandafter\expandafter\endgroup
524 & \expandafter\ifx\csname SE<#1@#2\endcsname\relax
525 &   \SE@InvalidCharacter
526 & \else
527 &   \SE@ResultAdd{\csname SE<#1@#2\endcsname}%
528 & \fi
529 }
```

\StringEncodingConvert

```
530 \def\StringEncodingConvert#1#2#3#4{%
531   \EdefSanitize\SE@from{#3}%
532   \EdefSanitize\SE@to{#4}%
533   \expandafter\ifx\csname SE@alias@\SE@from\endcsname\relax
534   \else
535     \EdefSanitize\SE@from{\csname SE@alias@\SE@from\endcsname}%
536   \fi
537   \expandafter\ifx\csname SE@alias@\SE@to\endcsname\relax
```

```

538 \else
539 \EdefSanitize\SE@to{\csname SE@alias@\SE@to\endcsname}%
540 \fi
541 \ifx\SE@to\SE@utfxvi
542 \let\SE@to\SE@utfxvibe
543 \else
544 \ifx\SE@to\SE@utfxxxii
545 \let\SE@to\SE@utfxxxiibe
546 \fi
547 \fi
548 \SE@invalidfalse
549 \EdefEscapeHex\SE@result{#2}%
550 \ifx\SE@from\SE@utfxvi
551 \SE@CheckByteOrderTwo
552 \else
553 \ifx\SE@from\SE@utfxvibe
554 \SE@RemoveByteOrderTwo{FEFF}%
555 \else
556 \ifx\SE@from\SE@utfxvile
557 \SE@RemoveByteOrderTwo{FFFE}%
558 \else
559 \ifx\SE@from\SE@utfxxxii
560 \SE@CheckByteOrderFour
561 \else
562 \ifx\SE@from\SE@utfxxxiibe
563 \SE@RemoveByteOrderFour{0}{FEFF}%
564 \else
565 \ifx\SE@from\SE@utfxxxiile
566 \SE@RemoveByteOrderFour{FFFE}{0}%
567 \fi
568 \fi
569 \fi
570 \fi
571 \fi
572 \fi
573 \ifx\SE@from\SE@to
574 \else
575 \ifx\SE@from\SE@utfxvibe
576 \else
577 \expandafter\SE@ConvertFrom\expandafter\SE@result
578 \expandafter{\SE@result}\SE@from
579 \fi
580 \ifx\SE@to\SE@utfxvibe
581 \else
582 \expandafter\SE@ConvertTo\expandafter\SE@result
583 \expandafter{\SE@result}\SE@to
584 \fi
585 \fi
586 \EdefUnescapeHex#1\SE@result
587 }

```

\StringEncodingSuccessFailure

```

588 \def\StringEncodingSuccessFailure{%
589 \ifSE@invalid
590 \expandafter\ltx@secondoftwo
591 \else
592 \expandafter\ltx@firstoftwo
593 \fi
594 }

```

\StringEncodingConvertTest

```

595 \def\StringEncodingConvertTest#1#2#3#4{%

```

```

596 \SE@TestModetrue
597 \StringEncodingConvert{#1}{#2}{#3}{#4}%
598 \SE@TestModetrue
599 \StringEncodingSuccessFailure
600 }
601 \SE@newif\ifSE@TestMode

\SE@utfxvi
602 \EdefSanitize\SE@utfxvi{utf16}

\SE@utfxvibe
603 \EdefSanitize\SE@utfxvibe{utf16be}

\SE@utfxvile
604 \EdefSanitize\SE@utfxvile{utf16le}

\SE@utfxxxii
605 \EdefSanitize\SE@utfxxxii{utf32}

\SE@utfxxxiiibe
606 \EdefSanitize\SE@utfxxxiiibe{utf32be}

\SE@utfxxxiiile
607 \EdefSanitize\SE@utfxxxiiile{utf32le}

\SE@CheckByteOrderTwo Macro \SE@CheckByteOrderTwo checks the first two bytes of the string \SE@result
for the byte order mark. It sets the encoding \SE@from to utf16be or utf16le.
The byte order mark is silently removed. Encoding utf16be is used if the byte
order mark is not available.
608 \def\SE@CheckByteOrderTwo{%
609 \expandafter\SE@@CheckByteOrderTwo\SE@result0000\@nil
610 }
611 \def\SE@@CheckByteOrderTwo#1#2#3#4#5\@nil{%
612 \ifnum"#1#2#3#4="FEFF %
613 \let\SE@from\SE@utfxvibe
614 \edef\SE@result{\expandafter\ltx@gobblefour\SE@result}%
615 \else
616 \ifnum"#3#4#1#2="FEFF %
617 \let\SE@from\SE@utfxvile
618 \edef\SE@result{\expandafter\ltx@gobblefour\SE@result}%
619 \else
620 \let\SE@from\SE@utfxvibe
621 \fi
622 \fi
623 }

\SE@CheckByteOrderFour Macro \SE@CheckByteOrderFour checks the first four bytes of the string \SE@result
for the byte order mark. It sets the encoding \SE@from to utf32be or utf32le.
The byte order mark is silently removed. Encoding utf32be is used if the byte
order mark is not available.
624 \def\SE@CheckByteOrderFour{%
625 \expandafter\SE@@CheckByteOrderFour\SE@result00000000\@nil
626 }
627 \def\SE@@CheckByteOrderFour#1#2#3#4#5#6#7#8#9\@nil{%
628 \let\SE@from\SE@utfxxxiiibe
629 \ifnum"#1#2#3#4=\ltx@zero
630 \ifnum"#5#6#7#8="FEFF %
631 \edef\SE@result{\expandafter\SE@GobbleEight\SE@result}%
632 \fi
633 \else

```

```

634 \ifnum"#7#8#5#6=\ltx@zero
635 \ifnum"#3#4#1#2="FEFF %
636 \let\SE@from\SE@utfxxiile
637 \edef\SE@result{\expandafter\SE@GobbleEight\SE@result}%
638 \fi
639 \fi
640 \fi
641 }

```

\SE@RemoveByteOrderTwo

```

642 \def\SE@RemoveByteOrderTwo{%
643 \expandafter\SE@@RemoveByteOrderTwo\SE@result
644 \ltx@empty\ltx@empty\ltx@empty\ltx@empty\@nil
645 }
646 \def\SE@@RemoveByteOrderTwo#1#2#3#4#5\@nil#6{%
647 \ifnum"0#1#2#3#4="#6 %
648 \edef\SE@result{#5}%
649 \fi
650 }

```

\SE@RemoveByteOrderFour

```

651 \def\SE@RemoveByteOrderFour#1#2{%
652 \def\SE@a{"#1 }%
653 \def\SE@b{"#2 }%
654 \expandafter\SE@@RemoveByteOrderFour\SE@result
655 \ltx@empty\ltx@empty\ltx@empty\ltx@empty
656 \ltx@empty\ltx@empty\ltx@empty\ltx@empty
657 \@nil
658 }
659 \def\SE@@RemoveByteOrderFour#1#2#3#4#5#6#7#8#9\@nil{%
660 \ifnum"0#1#2#3#4=\SE@a
661 \ifnum"0#5#6#7#8=\SE@b
662 \edef\SE@result{#9}%
663 \fi
664 \fi
665 }

```

## 2.4 Encoding aliases

\SE@EncodingAlias

```

666 \def\SE@EncodingAlias#1#2{%
667 \expandafter\def\csname SE@alias@#1\endcsname{#2}%
668 }

669 \SE@EncodingAlias{ansinew}{cp1252}
670 \SE@EncodingAlias{applemac}{mac-roman}
671 \SE@EncodingAlias{ascii-printable}{ascii-print}
672 \SE@EncodingAlias{cp437de}{cp437}
673 \SE@EncodingAlias{decmulti}{dec-mcs}
674 \SE@EncodingAlias{latin1}{iso-8859-1}
675 \SE@EncodingAlias{latin2}{iso-8859-2}
676 \SE@EncodingAlias{latin3}{iso-8859-3}
677 \SE@EncodingAlias{latin4}{iso-8859-4}
678 \SE@EncodingAlias{latin5}{iso-8859-9}
679 \SE@EncodingAlias{latin6}{iso-8859-10}
680 \SE@EncodingAlias{latin7}{iso-8859-13}
681 \SE@EncodingAlias{latin8}{iso-8859-14}
682 \SE@EncodingAlias{latin9}{iso-8859-15}
683 \SE@EncodingAlias{latin10}{iso-8859-16}
684 \SE@EncodingAlias{mac-ce}{mac-centeuro}
685 \SE@EncodingAlias{mac-ukrainian}{mac-cyrillic}
686 \SE@EncodingAlias{macce}{mac-centeuro}

```



```

687 \SE@EncodingAlias{maccyr}{mac-cyrillic}
688 \SE@EncodingAlias{macukr}{mac-cyrillic}
689 \SE@EncodingAlias{next}{nextstep}
690 \SE@EncodingAlias{us-ascii}{ascii}
691 \SE@EncodingAlias{utf-8}{utf8}
692 \SE@EncodingAlias{utf-16}{utf16}
693 \SE@EncodingAlias{utf-16be}{utf16be}
694 \SE@EncodingAlias{utf-16le}{utf16le}
695 \SE@EncodingAlias{utf-32}{utf32}
696 \SE@EncodingAlias{utf-32be}{utf32be}
697 \SE@EncodingAlias{utf-32le}{utf32le}

```

All encodings of package inputenx are supported.

```

698 \def\SE@temp#1{%
699   \SE@EncodingAlias{x-#1}{#1}%
700 }
701 \SE@temp{ascii}
702 \SE@temp{ascii-print}
703 \SE@temp{clean7bit}
704 \SE@temp{cp437}
705 \SE@temp{cp850}
706 \SE@temp{cp852}
707 \SE@temp{cp855}
708 \SE@temp{cp858}
709 \SE@temp{cp865}
710 \SE@temp{cp866}
711 \SE@temp{cp1250}
712 \SE@temp{cp1251}
713 \SE@temp{cp1252}
714 \SE@temp{cp1257}
715 \SE@temp{dec-mcs}
716 \SE@temp{koi8-r}
717 \SE@temp{iso-8859-1}
718 \SE@temp{iso-8859-2}
719 \SE@temp{iso-8859-3}
720 \SE@temp{iso-8859-4}
721 \SE@temp{iso-8859-5}
722 \SE@temp{iso-8859-6}
723 \SE@temp{iso-8859-7}
724 \SE@temp{iso-8859-8}
725 \SE@temp{iso-8859-9}
726 \SE@temp{iso-8859-10}
727 \SE@temp{iso-8859-11}
728 \SE@temp{iso-8859-13}
729 \SE@temp{iso-8859-14}
730 \SE@temp{iso-8859-15}
731 \SE@temp{iso-8859-16}
732 \SE@temp{mac-centeuro}
733 \SE@temp{mac-cyrillic}
734 \SE@temp{mac-roman}
735 \SE@temp{nextstep}

```

\StringEncodingList

```

736 \def\StringEncodingList{%
737   ascii,%
738   ascii-print,%
739   clean7bit,%
740   cp437,%
741   cp850,%
742   cp852,%
743   cp855,%
744   cp858,%
745   cp865,%

```

```

746 cp866,%
747 cp1250,%
748 cp1251,%
749 cp1252,%
750 cp1257,%
751 dec-mcs,%
752 iso-8859-1,%
753 iso-8859-2,%
754 iso-8859-3,%
755 iso-8859-4,%
756 iso-8859-5,%
757 iso-8859-6,%
758 iso-8859-7,%
759 iso-8859-8,%
760 iso-8859-9,%
761 iso-8859-10,%
762 iso-8859-11,%
763 iso-8859-13,%
764 iso-8859-14,%
765 iso-8859-15,%
766 iso-8859-16,%
767 koi8-r,%
768 mac-centeuro,%
769 mac-cyrillic,%
770 mac-roman,%
771 nextstep,%
772 pdfdoc,%
773 utf8,%
774 utf16le,%
775 utf32be,%
776 utf32le%
777 }

778 </package>

```

## 2.5 Encoding files

### 2.5.1 UTF-32BE, UTF-32LE

```

779 <*utf32>
780 <utf32be>\ProvidesFile{se-utf32be.def}[2010/03/01 v1.8 stringenc: UTF-32BE]
781 <utf32le>\ProvidesFile{se-utf32le.def}[2010/03/01 v1.8 stringenc: UTF-32LE]

782 <utf32be>\expandafter\gdef\csname\SE@PrefixTo utf32be\endcsname#1#2#3#4{%
783 <utf32be> \SE@ResultAdd{0000#1#2#3#4}%
784 <utf32le>\expandafter\gdef\csname\SE@PrefixTo utf32le\endcsname#1#2#3#4{%
785 <utf32le> \SE@ResultAdd{#3#4#1#20000}%
786 }

```

UTF-16: #1:1101 #2:11ww #3:wwhh #4:hhhh #5:1101 #6:1111 #7:1111 #8:1111

UTF-32: 0000 000u uuuu hhhh hhhh hhll 1111 1111

www = uuuu - 1

```

787 <utf32be>\expandafter\gdef\csname\SE@PrefixSurrogateTo utf32be\endcsname
788 <utf32le>\expandafter\gdef\csname\SE@PrefixSurrogateTo utf32le\endcsname
789 #1#2#3#4#5#6#7#8{%
790 \edef\SE@w{\SE@Nibble@NumToBin{"#2}}%
791 \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
792 \edef\SE@c{\SE@Nibble@NumToBin{"#6}}%
793 \edef\SE@w{%
794 \expandafter\ltx@gobbletwo\SE@w
795 \expandafter\SE@CarTwo\SE@a@nil
796 }%
797 \edef\SE@w{%
798 \SE@Nibbles@BinToHex\SE@w

```

```

799 }%
800 \SE@Add\SE@w{\expandafter"\SE@w}\ltx@one
801 \edef\SE@a{%
802   \expandafter\ltx@gobbletwo\SE@a
803   \SE@Nibble@NumToBin{"#4}%
804   \expandafter\ltx@gobbletwo\SE@c
805 }%
806 <utf32be> \SE@ResultAdd{%
807 <utf32le> \SE@utfxxxii@le@add{%
808   00%
809   \ifnum\SE@w>15 %
810     10%
811   \else
812     0%
813     \SE@Nibble@NumToHex\SE@w
814   \fi
815   \SE@Nibbles@BinToHex\SE@a
816   #7#8%
817 }%
818 }
819 <*utf32le>
820 \gdef\SE@utfxxxii@le@add#1{%
821   \edef\SE@temp{#1}%
822   \SE@ResultAdd{%
823     \expandafter\SE@utfxxxii@le@switch\SE@temp
824   }%
825 }
826 \gdef\SE@utfxxxii@le@switch#1#2#3#4#5#6#7#8{%
827   #7#8#5#6#3#4#1#2%
828 }
829 </utf32le>
830 <*utf32be>
831 \expandafter\gdef\csname\SE@PrefixFrom utf32be\endcsname#1{%
832   \expandafter\SE@utfxxxii@be@from#1\relax\relax\relax\relax
833   \relax\relax\relax\relax
834 }
835 \gdef\SE@utfxxxii@be@from#1#2#3#4#5#6#7#8{%
836   \ifx#1\relax
837     \let\SE@next\relax
838   \else
839     \ifx#8\relax
840       \let\SE@next\relax
841     \SE@InvalidCharacter
842   \else
843     \let\SE@next\SE@utfxxxii@be@from
844     \SE@utfxxxii@from#1#2#3#4#5#6#7#8%
845   \fi
846 \fi
847 \SE@next
848 }
849 </utf32be>
850 <*utf32le>
851 \expandafter\gdef\csname\SE@PrefixFrom utf32le\endcsname#1{%
852   \expandafter\SE@utfxxxii@le@from#1\relax\relax\relax\relax
853   \relax\relax\relax\relax
854 }
855 \gdef\SE@utfxxxii@le@from#1#2#3#4#5#6#7#8{%
856   \ifx#1\relax
857     \let\SE@next\relax
858   \else
859     \ifx#8\relax
860       \let\SE@next\relax

```

```

861     \SE@InvalidCharacter
862   \else
863     \let\SE@next\SE@utfxxxii@le@from
864     \SE@utfxxxii@from#7#8#5#6#3#4#1#2%
865   \fi
866 \fi
867 \SE@next
868 }
869 </utf32le>

870 \gdef\SE@utfxxxii@from#1#2#3#4#5#6#7#8{%
871   \ifcase\ifnum"#1#2>\ltx@zero
872     \ltx@zero
873   \else
874     \ifnum"#3#4#5#6#7#8>"10FFFF %
875     \ltx@zero
876   \else
877     \ifnum"#3#4#5#6#7#8<"D800 %
878     \ltx@one
879   \else
880     \ifnum"#3#4#5#6#7#8>"DFFF %
881     \ltx@one
882   \else
883     \ltx@zero
884   \fi
885 \fi
886 \fi
887 \fi
888 \SE@InvalidCharacter
889 \ifSE@TestMode
890   \let\SE@next\SE@SkipRemaining
891 \fi
892 \else
893   \ifcase"#3#4 %
894     \SE@ResultAdd{#5#6#7#8}%
895   \else
896     \edef\SE@low{\SE@Nibble@NumToBin{"#6}}%
897     \SE@Add\SE@high{"#3#4}{-1}%
898     \edef\SE@high{%
899       10\SE@Nibble@NumToBin\SE@high
900       \SE@Nibble@NumToBin{"#5}%
901       \expandafter\SE@CarTwo\SE@low\@nil
902     }%
903     \edef\SE@low{%
904       11\expandafter\ltx@gobbletwo\SE@low
905     }%
906     \SE@ResultAdd{%
907       D\SE@Nibbles@BinToHex\SE@high
908       D\SE@Nibbles@BinToHex\SE@low
909       #7#8%
910     }%
911   \fi
912 \fi
913 }
914 </utf32>

```

## 2.5.2 UTF-8

```

915 <*utf8>
916 \ProvidesFile{se-utf8.def}[2010/03/01 v1.8 stringenc: UTF-8]

1 Byte: 0000 0000 0xxx xxxx -> 0xxx xxxx
2 Bytes: 0000 0yyy yyxx xxxx -> 110y yyyy 10xx xxxx
3 Bytes: zzzz yyyy yyxx xxxx -> 1110 zzzz 10yy yyyy 10xx xxxx

```

```

917 \expandafter\gdef\csname\SE@PrefixTo utf8\endcsname#1#2#3#4{%
918 \ifnum"#1#2#3#4<"80 %
919 \SE@ResultAdd{#3#4}%
920 \else
921 \ifnum"#1#2#3#4<"800 %
922 \edef\SE@temp{%
923 \SE@Nibble@NumToBin{"#3}%
924 }%
925 \edef\SE@temp{%
926 11%
927 \SE@Nibble@NumToBin{"#2}%
928 \expandafter\SE@CarTwo\SE@temp\@nil
929 10%
930 \expandafter\ltx@gobbletwo\SE@temp
931 }%
932 \SE@ResultAdd{%
933 \SE@Nibbles@BinToHex\SE@temp
934 #4%
935 }%
936 \else
937 \edef\SE@temp{%
938 \SE@Nibble@NumToBin{"#3}%
939 }%
940 \edef\SE@temp{%
941 10%
942 \SE@Nibble@NumToBin{"#2}%
943 \expandafter\SE@CarTwo\SE@temp\@nil
944 10%
945 \expandafter\ltx@gobbletwo\SE@temp
946 }%
947 \SE@ResultAdd{%
948 E#1%
949 \SE@Nibbles@BinToHex\SE@temp
950 #4%
951 }%
952 \fi
953 \fi
954 }

```

UTF-16: #1:1101 #2:10ww #3:wwzz #4:zzyy #5:1101 #6:11yy #7:yyxx #8:xxxx

UTF-32: 0000 0000 000u uuuu zzzz yyyy yyxx xxxx

UTF-8: 1111 0uuu 10uu zzzz 10yy yyyy 10xx xxxx www = uuuuu - 1

```

955 \expandafter\gdef\csname\SE@PrefixSurrogateTo utf8\endcsname
956 #1#2#3#4#5#6#7#8{%
957 \edef\SE@w{\SE@Nibble@NumToBin{"#2}}%
958 \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
959 \edef\SE@b{\SE@Nibble@NumToBin{"#4}}%
960 \edef\SE@c{\SE@Nibble@NumToBin{"#6}}%
961 \edef\SE@d{\SE@Nibble@NumToBin{"#7}}%
962 \edef\SE@w{%
963 \expandafter\ltx@gobbletwo\SE@w
964 \expandafter\SE@CarTwo\SE@a\@nil
965 }%
966 \edef\SE@w{%
967 \SE@Nibbles@BinToHex\SE@w
968 }%
969 \SE@Add\SE@w{\expandafter"\SE@w}\ltx@one
970 \ifnum\SE@w>15 %
971 \def\SE@char{1}%
972 \SE@Add\SE@w\SE@w{-16}%
973 \else
974 \def\SE@char{0}%
975 \fi

```

```

976 \edef\SE@w{\SE@Nibble@NumToBin\SE@w}%
977 \edef\SE@temp{%
978   0\SE@char
979   \expandafter\SE@CarTwo\SE@w\@nil
980   10%
981   \expandafter\ltx@gobbletwo\SE@w
982   \expandafter\ltx@gobbletwo\SE@a
983   \expandafter\SE@CarTwo\SE@b\@nil
984   10%
985   \expandafter\ltx@gobbletwo\SE@b
986   \expandafter\ltx@gobbletwo\SE@c
987   \expandafter\SE@CarTwo\SE@d\@nil
988   10%
989   \expandafter\ltx@gobbletwo\SE@d
990 }%
991 \SE@ResultAdd{%
992   F%
993   \SE@Nibbles@BinToHex\SE@temp
994   #8%
995 }%
996 }

997 \expandafter\gdef\csname\SE@PrefixFrom utf8\endcsname#1{%
998   \let\SE@temp\ltx@empty
999   \let\SE@next\SE@utfviii@filter
1000   \expandafter\SE@utfviii@filter#1\relax\relax
1001   \ifcase\ifSE@TestMode
1002     \ifSE@invalid
1003       \ltx@one
1004     \else
1005       \ltx@zero
1006     \fi
1007   \else
1008     \ltx@zero
1009   \fi
1010   \expandafter\SE@utfviii@from\SE@temp\relax\relax\relax\relax
1011   \relax\relax\relax\relax
1012   \fi
1013 }

Invalid bytes in UTF-8: C0-C1, F5-FF
1014 \gdef\SE@utfviii@filter#1#2{%
1015   \ifx#1\relax
1016     \let\SE@next\relax
1017   \else
1018     \ifcase\ifnum"#1#2>"F4 %
1019       \ltx@zero
1020     \else
1021       \ifnum"#1#2="C0 %
1022         \ltx@zero
1023       \else
1024         \ifnum"#1#2="C1 %
1025           \ltx@zero
1026         \else
1027           \ltx@one
1028         \fi
1029       \fi
1030     \fi
1031     \SE@InvalidCharacter
1032     \ifSE@TestMode
1033       \let\SE@next\SE@SkipRemaining
1034     \fi
1035   \else
1036     \edef\SE@temp{\SE@temp#1#2}%

```

```

1037     \fi
1038 \fi
1039 \SE@next
1040 }
1041 \gdef\SE@utfviii@from#1#2#3#4#5#6#7#8{%
1042   \ifx#1\relax
1043     \let\SE@next\relax
1044   \else
1045     \ifnum"#1<8 % 0xxx xxxx
1046       \SE@ResultAdd{00#1#2}%
1047       \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1048     \else
1049       \ifnum"#1<12 % 10xx xxxx
1050         \SE@InvalidCharacter
1051         \ifSE@TestMode
1052           \let\SE@next\SE@SkipRemaining
1053         \else
1054           \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1055         \fi
1056       \else
1057         \ifx#3\relax
1058           \let\SE@next\relax
1059           \SE@InvalidCharacter
1060         \else
1061           \ifcase\SE@utfviii@CheckCont#3%
1062             \SE@InvalidCharacter
1063             \ifSE@TestMode
1064               \let\SE@next\SE@SkipRemaining
1065             \else
1066               \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1067             \fi
1068           \else
1069             \ifnum"#1<14 % 110y yyyy 10xx xxxx
1070               % 0000 0yyy yxxx xxxx
1071               \edef\SE@temp{%
1072                 \SE@Nibble@NumToBin{"#3}%
1073               }%
1074               \edef\SE@temp{%
1075                 0\ifodd"#1 1\else 0\fi
1076                 \SE@Nibble@NumToBin{"#2}%
1077                 \expandafter\ltx@gobbletwo\SE@temp
1078               }%
1079               \SE@ResultAdd{%
1080                 0%
1081                 \SE@Nibbles@BinToHex\SE@temp
1082                 #4%
1083               }%
1084               \def\SE@next{\SE@utfviii@from#5#6#7#8}%
1085             \else
1086               \ifx#5\relax
1087                 \let\SE@next\relax
1088                 \SE@InvalidCharacter
1089               \else
1090                 \ifcase\SE@utfviii@CheckCont#5%
1091                   \SE@InvalidCharacter
1092                   \ifSE@TestMode
1093                     \let\SE@next\SE@SkipRemaining
1094                   \else
1095                     \def\SE@next{\SE@utfviii@from#5#6#7#8}%
1096                   \fi
1097                 \else
1098                   \ifnum"#1=14 % 1110 zzzz 10yy yyyy 10xx xxxx

```

```

1099             % zzzz yyyy yyxx xxxx
1100 \ifcase\ifnum"#2="D %
1101             \ifnum"#3#4>"9F %
1102             \ltx@zero
1103             \else
1104             \ltx@one
1105             \fi
1106             \else
1107             \ifnum"#2=\ltx@zero
1108             \ifnum"#3<"A %
1109             \ltx@zero
1110             \else
1111             \ltx@one
1112             \fi
1113             \else
1114             \ltx@one
1115             \fi
1116             \fi
1117 \SE@InvalidCharacter
1118 \ifSE@TestMode
1119 \let\SE@next\SE@SkipRemaining
1120 \else
1121 \def\SE@next{\SE@utfviii@from#7#8}%
1122 \fi
1123 \else
1124 \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
1125 \edef\SE@b{\SE@Nibble@NumToBin{"#5}}%
1126 \edef\SE@temp{%
1127 \expandafter\ltx@gobbletwo\SE@a
1128 \SE@Nibble@NumToBin{"#4}%
1129 \expandafter\ltx@gobbletwo\SE@b
1130 }%
1131 \SE@ResultAdd{%
1132 #2%
1133 \SE@Nibbles@BinToHex\SE@temp
1134 #6%
1135 }%
1136 \def\SE@next{\SE@utfviii@from#7#8}%
1137 \fi
1138 \else
1139 \ifx#7\relax
1140 \let\SE@next\relax
1141 \SE@InvalidCharacter
1142 \else
1143 \ifcase\SE@utfviii@CheckCont#7%
1144 \SE@InvalidCharacter
1145 \ifSE@TestMode
1146 \let\SE@next\SE@SkipRemaining
1147 \else
1148 \def\SE@next{\SE@utfviii@from#7#8}%
1149 \fi
1150 \else
1151 \let\SE@next\SE@utfviii@from
1152 \ifnum"#2<8 % 1111 0uuu 10uu zzzz 10yy yyyy 10xx xxxx
1153 % 1101 10ww wwzz zzyy 1101 11yy yyxx xxxx
1154 \edef\SE@w{\SE@Nibble@NumToBin{"#3}}%
1155 \edef\SE@w{%
1156 00%
1157 \SE@Nibble@NumToBin{"#2}%
1158 \expandafter\ltx@gobbletwo\SE@w
1159 }%
1160 \edef\SE@w{\SE@Nibbles@BinToHex\SE@w}%

```



```

1161 \SE@Add\SE@w{\expandafter"\SE@w}{-1}%
1162 \ifnum\SE@w>15 %
1163 \SE@InvalidCharacter
1164 \ifSE@TestMode
1165 \let\SE@next\SE@SkipRemaining
1166 \fi
1167 \else
1168 \ifnum\SE@w<\ltx@zero
1169 \SE@InvalidCharacter
1170 \ifSE@TestMode
1171 \let\SE@next\SE@SkipRemaining
1172 \fi
1173 \else
1174 \edef\SE@a{\SE@Nibble@NumToBin{"#5}}%
1175 \edef\SE@b{\SE@Nibble@NumToBin{"#7}}%
1176 \edef\SE@temp{%
1177 10%
1178 \SE@Nibble@NumToBin\SE@w
1179 \SE@Nibble@NumToBin{"#4}%
1180 \expandafter\ltx@gobbletwo\SE@a
1181 1101%
1182 11%
1183 \SE@Nibble@NumToBin{"#6}%
1184 \expandafter\ltx@gobbletwo\SE@b
1185 }%
1186 \SE@ResultAdd{%
1187 D%
1188 \SE@Nibbles@BinToHex\SE@temp
1189 #8%
1190 }%
1191 \fi
1192 \fi
1193 \else
1194 \SE@InvalidCharacter
1195 \ifSE@TestMode
1196 \let\SE@next\SE@SkipRemaining
1197 \fi
1198 \fi
1199 \fi
1200 \fi
1201 \fi
1202 \fi
1203 \fi
1204 \fi
1205 \fi
1206 \fi
1207 \fi
1208 \fi
1209 \fi
1210 \SE@next
1211 }
1212 \gdef\SE@utfviii@CheckCont#1{%
1213 \ifnum"#1<8 %
1214 \ltx@zero
1215 \else
1216 \ifnum"#1<12 %
1217 \ltx@one
1218 \else
1219 \ltx@zero
1220 \fi
1221 \fi
1222 }

```

1223 </utf8>

### 2.5.3 UTF-16LE

1224 <\*utf16le>

1225 \ProvidesFile{se-utf16le.def}[2010/03/01 v1.8 stringenc: UTF-16LE]

1226 \expandafter\gdef\csname\SE@PrefixTo utf16le\endcsname#1#2#3#4{%  
1227 \SE@ResultAdd{#3#4#1#2}%  
1228 }

1229 \expandafter\gdef\csname\SE@PrefixSurrogateTo utf16le\endcsname  
1230 #1#2#3#4#5#6#7#8{%  
1231 \SE@ResultAdd{#3#4#1#2#7#8#5#6}%  
1232 }

1233 \expandafter\gdef\csname\SE@PrefixFrom utf16le\endcsname#1{%  
1234 \expandafter\SE@utfxvile@from#1\relax\relax\relax\relax  
1235 }

1236 \gdef\SE@utfxvile@from#1#2#3#4{%  
1237 \ifx#1\relax  
1238 \else  
1239 \ifx#4\relax  
1240 \SE@InvalidCharacter  
1241 \else  
1242 \SE@ResultAdd{#3#4#1#2}%  
1243 \fi  
1244 \expandafter\SE@utfxvile@from  
1245 \fi  
1246 }

1247 </utf16le>

### 2.5.4 PDFDocEncoding

1248 <\*pdfdoc>

1249 \ProvidesFile{se-pdfdoc.def}[2010/03/01 v1.8 stringenc: PDFDocEncoding]

Pass ranges 32..126 and 160..255 through and use the mapping system for the other characters.

1250 \expandafter\gdef\csname\SE@PrefixTo pdfdoc\endcsname#1#2#3#4{%  
1251 \ifcase\ifnum"#1#2#3#4<256 %  
1252 \ifnum"#1#2#3#4>160 %  
1253 \ltx@zero  
1254 \else  
1255 \ifnum"#1#2#3#4<127 %  
1256 \ifnum"#1#2#3#4>31 %  
1257 \ltx@zero  
1258 \else  
1259 \ltx@one  
1260 \fi  
1261 \else  
1262 \ltx@one  
1263 \fi  
1264 \fi  
1265 \else  
1266 \ltx@one  
1267 \fi  
1268 \SE@ResultAdd{#3#4}%  
1269 \else  
1270 \SE@MapConvertTo{pdfdoc}-{#1#2#3#4}%  
1271 \fi  
1272 }

1273 \expandafter\gdef\csname\SE@PrefixSurrogateTo pdfdoc\endcsname  
1274 #1#2#3#4#5#6#7#8{%  
1275 \SE@InvalidCharacter  
1276 }

```

1277 \expandafter\gdef\csname\SE@PrefixFrom pdfdoc\endcsname#1{%
1278   \let\SE@next\SE@pdfdoc@from
1279   \expandafter\SE@pdfdoc@from#1\relax\relax
1280 }
1281 \gdef\SE@pdfdoc@from#1#2{%
1282   \ifx#1\relax
1283     \let\SE@next\relax
1284   \else
1285     \ifcase\ifnum"#1#2>160 %
1286         \ifnum"#1#2="AD %
1287             2 %
1288         \else
1289             \ltx@zero
1290         \fi
1291     \else
1292         \ifnum"#1#2<127 %
1293         \ifnum"#1#2>31 %
1294             \ltx@zero
1295         \else
1296             \ltx@one
1297         \fi
1298     \else
1299         \ltx@one
1300     \fi
1301   \fi
1302   \SE@ResultAdd{00#1#2}%
1303   \or
1304   \SE@MapConvertFrom{pdfdoc}-{#1#2}%
1305   \else
1306     \SE@InvalidCharacter
1307     \ifSE@TestMode
1308       \let\SE@next\SE@SkipRemaining
1309     \fi
1310   \fi
1311 \fi
1312 \SE@next
1313 }

1314 \SE@MapDeclare{pdfdoc}{09}{0009}
1315 \SE@MapDeclare{pdfdoc}{0A}{000A}
1316 \SE@MapDeclare{pdfdoc}{0D}{000D}
1317 \SE@MapDeclare{pdfdoc}{18}{02D8}
1318 \SE@MapDeclare{pdfdoc}{19}{02C7}
1319 \SE@MapDeclare{pdfdoc}{1A}{02C6}
1320 \SE@MapDeclare{pdfdoc}{1B}{02D9}
1321 \SE@MapDeclare{pdfdoc}{1C}{02DD}
1322 \SE@MapDeclare{pdfdoc}{1D}{02DB}
1323 \SE@MapDeclare{pdfdoc}{1E}{02DA}
1324 \SE@MapDeclare{pdfdoc}{1F}{02DC}
1325 \SE@MapDeclare{pdfdoc}{80}{2022}
1326 \SE@MapDeclare{pdfdoc}{81}{2020}
1327 \SE@MapDeclare{pdfdoc}{82}{2021}
1328 \SE@MapDeclare{pdfdoc}{83}{2026}
1329 \SE@MapDeclare{pdfdoc}{84}{2014}
1330 \SE@MapDeclare{pdfdoc}{85}{2013}
1331 \SE@MapDeclare{pdfdoc}{86}{0192}
1332 \SE@MapDeclare{pdfdoc}{87}{2044}
1333 \SE@MapDeclare{pdfdoc}{88}{2039}
1334 \SE@MapDeclare{pdfdoc}{89}{203A}
1335 \SE@MapDeclare{pdfdoc}{8A}{2212}
1336 \SE@MapDeclare{pdfdoc}{8B}{2030}
1337 \SE@MapDeclare{pdfdoc}{8C}{201E}
1338 \SE@MapDeclare{pdfdoc}{8D}{201C}

```

```

1339 \SE@MapDeclare{pdfdoc}{8E}{201D}
1340 \SE@MapDeclare{pdfdoc}{8F}{2018}
1341 \SE@MapDeclare{pdfdoc}{90}{2019}
1342 \SE@MapDeclare{pdfdoc}{91}{201A}
1343 \SE@MapDeclare{pdfdoc}{92}{2122}
1344 \SE@MapDeclare{pdfdoc}{93}{FB01}
1345 \SE@MapDeclare{pdfdoc}{94}{FB02}
1346 \SE@MapDeclare{pdfdoc}{95}{0141}
1347 \SE@MapDeclare{pdfdoc}{96}{0152}
1348 \SE@MapDeclare{pdfdoc}{97}{0160}
1349 \SE@MapDeclare{pdfdoc}{98}{0178}
1350 \SE@MapDeclare{pdfdoc}{99}{017D}
1351 \SE@MapDeclare{pdfdoc}{9A}{0131}
1352 \SE@MapDeclare{pdfdoc}{9B}{0142}
1353 \SE@MapDeclare{pdfdoc}{9C}{0153}
1354 \SE@MapDeclare{pdfdoc}{9D}{0161}
1355 \SE@MapDeclare{pdfdoc}{9E}{017E}
1356 \SE@MapDeclare{pdfdoc}{A0}{20AC}
1357 </pdfdoc>

```

### 2.5.5 ISO-8859-1

```

1358 <*iso-8859-1>
1359 \ProvidesFile{se-iso-8859-1.def}[2010/03/01 v1.8 stringenc: ISO-8859-1]

    Excluded area: 0x80..0x9F
1360 \expandafter\gdef\csname\SE@PrefixTo iso-8859-1\endcsname#1#2#3#4{%
1361     \ifcase\ifnum"#1#2=\ltx@zero
1362         \ifnum"#3#4<"80 %
1363             \ltx@one
1364         \else
1365             \ifnum"#3#4>"9F %
1366                 \ltx@one
1367             \else
1368                 \ltx@zero
1369             \fi
1370         \fi
1371     \else
1372         \ltx@zero
1373     \fi
1374     \SE@InvalidCharacter
1375 \else
1376     \SE@ResultAdd{#3#4}%
1377 \fi
1378 }

1379 \expandafter\gdef\csname\SE@PrefixSurrogateTo iso-8859-1\endcsname
1380     #1#2#3#4#5#6#7#8{%
1381     \SE@InvalidCharacter
1382 }

1383 \expandafter\gdef\csname\SE@PrefixFrom iso-8859-1\endcsname#1{%
1384     \let\SE@next\SE@isoone@from
1385     \expandafter\SE@isoone@from#1\relax\relax
1386 }
1387 \gdef\SE@isoone@from#1#2{%
1388     \ifx#1\relax
1389         \let\SE@next\relax
1390     \else
1391         \ifcase\ifnum"#1#2<"80 %
1392             \ltx@one
1393         \else
1394             \ifnum"#1#2>"9F %
1395                 \ltx@one
1396             \else

```

```

1397         \ltx@zero
1398     \fi
1399 \fi
1400 \SE@InvalidCharacter
1401 \ifSE@TestMode
1402     \let\SE@next\SE@SkipRemaining
1403 \fi
1404 \else
1405     \SE@ResultAdd{00#1#2}%
1406 \fi
1407 \fi
1408 \SE@next
1409 }
1410 </iso-8859-1>

```

## 2.5.6 CP1252

```

1411 <*cp1252>
1412 \ProvidesFile{se-cp1252.def}[2010/03/01 v1.8 stringenc: cp1252]
1413 \expandafter\gdef\csname\SE@PrefixTo cp1252\endcsname#1#2#3#4{%
1414     \ifcase\ifnum"#1#2=\ltx@zero
1415         \ifnum"#3#4<"80 %
1416             \ltx@one
1417         \else
1418             \ifnum"#3#4>"9F %
1419                 \ltx@one
1420             \else
1421                 \ltx@zero
1422             \fi
1423         \fi
1424     \else
1425         \ltx@zero
1426     \fi
1427     \SE@MapConvertTo{cp1252}-{#1#2#3#4}%
1428 \else
1429     \SE@ResultAdd{#3#4}%
1430 \fi
1431 }
1432 \expandafter\gdef\csname\SE@PrefixSurrogateTo cp1252\endcsname
1433     #1#2#3#4#5#6#7#8{%
1434     \SE@InvalidCharacter
1435 }
1436 \expandafter\gdef\csname\SE@PrefixFrom cp1252\endcsname#1{%
1437     \let\SE@next\SE@ansinew@from
1438     \expandafter\SE@ansinew@from#1\relax\relax
1439 }
1440 \gdef\SE@ansinew@from#1#2{%
1441     \ifx#1\relax
1442         \let\SE@next\relax
1443     \else
1444         \ifcase\ifnum"#1#2<"80 %
1445             \ltx@one
1446         \else
1447             \ifnum"#1#2>"9F %
1448                 \ltx@one
1449             \else
1450                 \ltx@zero
1451             \fi
1452         \fi
1453         \SE@MapConvertFrom{cp1252}-{#1#2}%
1454     \else
1455         \SE@ResultAdd{00#1#2}%

```

```

1456 \fi
1457 \fi
1458 \SE@next
1459 }

1460 \SE@MapDeclare{cp1252}{80}{20AC}% EURO SIGN
1461 \SE@MapDeclare{cp1252}{82}{201A}% SINGLE LOW-9 QUOTATION MARK
1462 \SE@MapDeclare{cp1252}{83}{0192}% LATIN SMALL LETTER F WITH HOOK
1463 \SE@MapDeclare{cp1252}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK
1464 \SE@MapDeclare{cp1252}{85}{2026}% HORIZONTAL ELLIPSIS
1465 \SE@MapDeclare{cp1252}{86}{2020}% DAGGER
1466 \SE@MapDeclare{cp1252}{87}{2021}% DOUBLE DAGGER
1467 \SE@MapDeclare{cp1252}{88}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT
1468 \SE@MapDeclare{cp1252}{89}{2030}% PER MILLE SIGN
1469 \SE@MapDeclare{cp1252}{8A}{0160}% LATIN CAPITAL LETTER S WITH CARON
1470 \SE@MapDeclare{cp1252}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK
1471 \SE@MapDeclare{cp1252}{8C}{0152}% LATIN CAPITAL LIGATURE OE
1472 \SE@MapDeclare{cp1252}{8E}{017D}% LATIN CAPITAL LETTER Z WITH CARON
1473 \SE@MapDeclare{cp1252}{91}{2018}% LEFT SINGLE QUOTATION MARK
1474 \SE@MapDeclare{cp1252}{92}{2019}% RIGHT SINGLE QUOTATION MARK
1475 \SE@MapDeclare{cp1252}{93}{201C}% LEFT DOUBLE QUOTATION MARK
1476 \SE@MapDeclare{cp1252}{94}{201D}% RIGHT DOUBLE QUOTATION MARK
1477 \SE@MapDeclare{cp1252}{95}{2022}% BULLET
1478 \SE@MapDeclare{cp1252}{96}{2013}% EN DASH
1479 \SE@MapDeclare{cp1252}{97}{2014}% EM DASH
1480 \SE@MapDeclare{cp1252}{98}{02DC}% SMALL TILDE
1481 \SE@MapDeclare{cp1252}{99}{2122}% TRADE MARK SIGN
1482 \SE@MapDeclare{cp1252}{9A}{0161}% LATIN SMALL LETTER S WITH CARON
1483 \SE@MapDeclare{cp1252}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
1484 \SE@MapDeclare{cp1252}{9C}{0153}% LATIN SMALL LIGATURE OE
1485 \SE@MapDeclare{cp1252}{9E}{017E}% LATIN SMALL LETTER Z WITH CARON
1486 \SE@MapDeclare{cp1252}{9F}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS

1487 </cp1252>

2.5.7 US-ASCII

1488 <*ascii>
1489 \ProvidesFile{se-ascii.def}[2010/03/01 v1.8 stringenc: US-ASCII]

1490 \expandafter\gdef\csname\SE@PrefixTo ascii\endcsname#1#2#3#4{%
1491 \ifnum"#1#2#3<8 %
1492 \SE@ResultAdd{#3#4}%
1493 \else
1494 \SE@InvalidCharacter
1495 \fi
1496 }

1497 \expandafter\gdef\csname\SE@PrefixSurrogateTo ascii\endcsname
1498 #1#2#3#4#5#6#7#8{%
1499 \SE@InvalidCharacter
1500 }

1501 \expandafter\gdef\csname\SE@PrefixFrom ascii\endcsname#1{%
1502 \let\SE@next\SE@ascii@from
1503 \expandafter\SE@ascii@from#1\relax\relax
1504 }

1505 \gdef\SE@ascii@from#1#2{%
1506 \ifx#1\relax
1507 \let\SE@next\relax
1508 \else
1509 \ifnum"#1>7 %
1510 \SE@InvalidCharacter
1511 \ifSE@TestMode
1512 \let\SE@next\SE@SkipRemaining
1513 \fi
1514 \else
1515 \SE@ResultAdd{00#1#2}%
1516 \fi
1517 \fi
1518 \SE@next
1519 }

1520 </ascii>

```

### 2.5.8 Encoding ascii-print

```
1521 <*ascii-print>
1522 \ProvidesFile{se-ascii-print.def}%
1523 [2010/03/01 v1.8 stringenc: Printable ASCII characters]%

1524 \expandafter\gdef\csname\SE@PrefixTo ascii-print\endcsname#1#2#3#4{%
1525   \ifnum"#1#2=\ltx@zero
1526     \ifnum"#3#4<127 %
1527       \ifnum"#3#4>31 %
1528         \SE@ResultAdd{#3#4}%
1529       \else
1530         \SE@InvalidCharacter
1531       \fi
1532     \else
1533       \SE@InvalidCharacter
1534     \fi
1535   \else
1536     \SE@InvalidCharacter
1537   \fi
1538 }

1539 \expandafter\gdef\csname\SE@PrefixSurrogateTo ascii-print\endcsname
1540   #1#2#3#4#5#6#7#8{%
1541   \SE@InvalidCharacter
1542 }

1543 \expandafter\gdef\csname\SE@PrefixFrom ascii-print\endcsname#1{%
1544   \let\SE@next\SE@ascii@print@from
1545   \expandafter\SE@ascii@print@from#1\relax\relax
1546 }

1547 \gdef\SE@ascii@print@from#1#2{%
1548   \ifx#1\relax
1549     \let\SE@next\relax
1550   \else
1551     \ifnum"#1#2>126 %
1552       \SE@InvalidCharacter
1553       \ifSE@TestMode
1554         \let\SE@next\SE@SkipRemaining
1555       \fi
1556     \else
1557       \ifnum"#1#2<32 %
1558         \SE@InvalidCharacter
1559         \ifSE@TestMode
1560           \let\SE@next\SE@SkipRemaining
1561         \fi
1562       \else
1563         \SE@ResultAdd{00#1#2}%
1564       \fi
1565     \fi
1566   \fi
1567   \SE@next
1568 }

1569 </ascii-print>
```

### 2.5.9 Clean7Bit

```
1570 <*clean7bit>
1571 \ProvidesFile{se-clean7bit.def}[2010/03/01 v1.8 stringenc: Clean7Bit]

1572 \expandafter\gdef\csname\SE@PrefixTo clean7bit\endcsname#1#2#3#4{%
1573   \ifnum"#1#2#3<8 %
1574     \ifnum"#3#4<128 %
1575       \ifnum"#3#4>26 %
1576         \SE@ResultAdd{#3#4}%
1577       \else
```

```

1578         \ifnum"#3#4=10 %
1579         \SE@ResultAdd{0A}%
1580     \else
1581         \ifnum"#3#4=13 %
1582         \SE@ResultAdd{0D}%
1583     \else
1584         \ifnum"#3#4=9 %
1585         \SE@ResultAdd{09}%
1586     \else
1587         \SE@InvalidCharacter
1588     \fi
1589 \fi
1590 \fi
1591 \fi
1592 \else
1593     \SE@InvalidCharacter
1594 \fi
1595 \else
1596     \SE@InvalidCharacter
1597 \fi
1598 }

1599 \expandafter\gdef\csname\SE@PrefixSurrogateTo clean7bit\endcsname
1600     #1#2#3#4#5#6#7#8{%
1601     \SE@InvalidCharacter
1602 }

1603 \expandafter\gdef\csname\SE@PrefixFrom clean7bit\endcsname#1{%
1604     \let\SE@next\SE@cleansevenbit@from
1605     \expandafter\SE@cleansevenbit@from#1\relax\relax
1606 }

1607 \gdef\SE@cleansevenbit@from#1#2{%
1608     \ifx#1\relax
1609         \let\SE@next\relax
1610     \else
1611         \ifnum"#1#2>126 %
1612         \SE@InvalidCharacter
1613         \ifSE@TestMode
1614             \let\SE@next\SE@SkipRemaining
1615         \fi
1616     \else
1617         \ifnum"#1#2<27 %
1618             \ifnum"#1#2=10 %
1619                 \SE@ResultAdd{0010}%
1620             \else
1621                 \ifnum"#1#2=13 %
1622                     \SE@ResultAdd{000D}%
1623                 \else
1624                     \ifnum"#1#2=9 %
1625                         \SE@ResultAdd{0009}%
1626                     \else
1627                         \SE@InvalidCharacter
1628                         \ifSE@TestMode
1629                             \let\SE@next\SE@SkipRemaining
1630                         \fi
1631                     \fi
1632                 \fi
1633             \else
1634                 \SE@ResultAdd{00#1#2}%
1635             \fi
1636         \fi
1637     \fi
1638 \SE@next
1639 }

```



1640 `</clean7bit>`

## 2.5.10 Other encodings (8 bit)

1641 `<*iso-8859-2>`

1642 `\ProvidesFile{se-iso-8859-2.def}[2010/03/01 v1.8 stringenc: ISO-8859-2]`

1643 `\def\SE@this{iso-8859-2}`

1644 `</iso-8859-2>`

1645 `<*iso-8859-3>`

1646 `\ProvidesFile{se-iso-8859-3.def}[2010/03/01 v1.8 stringenc: ISO-8859-3]`

1647 `\def\SE@this{iso-8859-3}`

1648 `</iso-8859-3>`

1649 `<*iso-8859-4>`

1650 `\ProvidesFile{se-iso-8859-4.def}[2010/03/01 v1.8 stringenc: ISO-8859-4]`

1651 `\def\SE@this{iso-8859-4}`

1652 `</iso-8859-4>`

1653 `<*iso-8859-5>`

1654 `\ProvidesFile{se-iso-8859-5.def}[2010/03/01 v1.8 stringenc: ISO-8859-5]`

1655 `\def\SE@this{iso-8859-5}`

1656 `</iso-8859-5>`

1657 `<*iso-8859-6>`

1658 `\ProvidesFile{se-iso-8859-6.def}[2010/03/01 v1.8 stringenc: ISO-8859-6]`

1659 `\def\SE@this{iso-8859-6}`

1660 `</iso-8859-6>`

1661 `<*iso-8859-7>`

1662 `\ProvidesFile{se-iso-8859-7.def}[2010/03/01 v1.8 stringenc: ISO-8859-7]`

1663 `\def\SE@this{iso-8859-7}`

1664 `</iso-8859-7>`

1665 `<*iso-8859-8>`

1666 `\ProvidesFile{se-iso-8859-8.def}[2010/03/01 v1.8 stringenc: ISO-8859-8]`

1667 `\def\SE@this{iso-8859-8}`

1668 `</iso-8859-8>`

1669 `<*iso-8859-9>`

1670 `\ProvidesFile{se-iso-8859-9.def}[2010/03/01 v1.8 stringenc: ISO-8859-9]`

1671 `\def\SE@this{iso-8859-9}`

1672 `</iso-8859-9>`

1673 `<*iso-8859-10>`

1674 `\ProvidesFile{se-iso-8859-10.def}[2010/03/01 v1.8 stringenc: ISO-8859-10]`

1675 `\def\SE@this{iso-8859-10}`

1676 `</iso-8859-10>`

1677 `<*iso-8859-11>`

1678 `\ProvidesFile{se-iso-8859-11.def}[2010/03/01 v1.8 stringenc: ISO-8859-11]`

1679 `\def\SE@this{iso-8859-11}`

1680 `</iso-8859-11>`

1681 `<*iso-8859-13>`

1682 `\ProvidesFile{se-iso-8859-13.def}[2010/03/01 v1.8 stringenc: ISO-8859-13]`

1683 `\def\SE@this{iso-8859-13}`

1684 `</iso-8859-13>`

1685 `<*iso-8859-14>`

1686 `\ProvidesFile{se-iso-8859-14.def}[2010/03/01 v1.8 stringenc: ISO-8859-14]`

1687 `\def\SE@this{iso-8859-14}`

1688 `</iso-8859-14>`

1689 `<*iso-8859-15>`

1690 `\ProvidesFile{se-iso-8859-15.def}[2010/03/01 v1.8 stringenc: ISO-8859-15]`

1691 `\def\SE@this{iso-8859-15}`

1692 `</iso-8859-15>`

1693 `<*iso-8859-16>`

1694 `\ProvidesFile{se-iso-8859-16.def}[2010/03/01 v1.8 stringenc: ISO-8859-16]`

1695 `\def\SE@this{iso-8859-16}`

1696 `</iso-8859-16>`

1697 `<*koi8-r>`

1698 `\ProvidesFile{se-koi8-r.def}[2010/03/01 v1.8 stringenc: KOI8-R]`

1699 `\def\SE@this{koi8-r}`

1700 `</koi8-r>`

```

1701 <*nextstep>
1702 \ProvidesFile{se-nextstep.def}[2010/03/01 v1.8 stringenc: NextStep]
1703 \def\SE@this{nextstep}
1704 </nextstep>
1705 <*mac-centeuro>
1706 \ProvidesFile{se-mac-centeuro.def}[2010/03/01 v1.8 stringenc: Mac OS Central European]
1707 \def\SE@this{mac-centeuro}
1708 </mac-centeuro>
1709 <*mac-cyrillic>
1710 \ProvidesFile{se-mac-cyrillic.def}[2010/03/01 v1.8 stringenc: Mac OS Cyrillic]
1711 \def\SE@this{mac-cyrillic}
1712 </mac-cyrillic>
1713 <*mac-roman>
1714 \ProvidesFile{se-mac-roman.def}[2010/03/01 v1.8 stringenc: Mac OS Roman]
1715 \def\SE@this{mac-roman}
1716 </mac-roman>
1717 <*dec-mcs>
1718 \ProvidesFile{se-dec-mcs.def}[2010/03/01 v1.8 stringenc: DEC-MCS]
1719 \def\SE@this{dec-mcs}
1720 </dec-mcs>
1721 <*cp437>
1722 \ProvidesFile{se-cp437.def}[2010/03/01 v1.8 stringenc: cp437]
1723 \def\SE@this{cp437}
1724 </cp437>
1725 <*cp850>
1726 \ProvidesFile{se-cp850.def}[2010/03/01 v1.8 stringenc: cp850]
1727 \def\SE@this{cp850}
1728 </cp850>
1729 <*cp852>
1730 \ProvidesFile{se-cp852.def}[2010/03/01 v1.8 stringenc: cp852]
1731 \def\SE@this{cp852}
1732 </cp852>
1733 <*cp855>
1734 \ProvidesFile{se-cp855.def}[2010/03/01 v1.8 stringenc: cp855]
1735 \def\SE@this{cp855}
1736 </cp855>
1737 <*cp858>
1738 \ProvidesFile{se-cp858.def}[2010/03/01 v1.8 stringenc: cp858]
1739 \def\SE@this{cp858}
1740 </cp858>
1741 <*cp865>
1742 \ProvidesFile{se-cp865.def}[2010/03/01 v1.8 stringenc: cp865]
1743 \def\SE@this{cp865}
1744 </cp865>
1745 <*cp866>
1746 \ProvidesFile{se-cp866.def}[2010/03/01 v1.8 stringenc: cp866]
1747 \def\SE@this{cp866}
1748 </cp866>
1749 <*cp1250>
1750 \ProvidesFile{se-cp1250.def}[2010/03/01 v1.8 stringenc: cp1250]
1751 \def\SE@this{cp1250}
1752 </cp1250>
1753 <*cp1251>
1754 \ProvidesFile{se-cp1251.def}[2010/03/01 v1.8 stringenc: cp1251]
1755 \def\SE@this{cp1251}
1756 </cp1251>
1757 <*cp1257>
1758 \ProvidesFile{se-cp1257.def}[2010/03/01 v1.8 stringenc: cp1257]
1759 \def\SE@this{cp1257}
1760 </cp1257>
1761 <*package>
1762 \def\SE@to@general#1#2#3#4{%

```

```

1763 \ifnum"#1#2#3#4<128 %
1764 \SE@ResultAdd{#3#4}%
1765 \else
1766 \SE@MapConvertTo\SE@encoding{#1#2#3#4}%
1767 \fi
1768 }
1769 \def\SE@to@general@surrogate#1#2#3#4#5#6#7#8{%
1770 \SE@InvalidCharacter
1771 }
1772 \def\SE@from@general#1{%
1773 \let\SE@next\SE@from@general
1774 \expandafter\SE@from@general#1\relax\relax
1775 }
1776 \def\SE@from@general#1#2{%
1777 \ifx#1\relax
1778 \let\SE@next\relax
1779 \else
1780 \ifnum"#1<8 % "#1#2<128
1781 \SE@ResultAdd{00#1#2}%
1782 \else
1783 \SE@MapConvertFrom\SE@encoding{#1#2}%
1784 \fi
1785 \fi
1786 \SE@next
1787 }
1788 \SE@AtEnd%
1789 </package>
1790 <*general>

```

Pass range 0..127 through and use the mapping system for the other characters.

```

1791 \global\expandafter\let\csname\SE@PrefixTo\SE@this\endcsname
1792 \SE@to@general
1793 \global\expandafter\let\csname\SE@PrefixSurrogateTo\SE@this\endcsname
1794 \SE@to@general@surrogate
1795 \global\expandafter\let\csname\SE@PrefixFrom\SE@this\endcsname
1796 \SE@from@general
1797 </general>

```

## iso-8859-2

```

1798 <*iso-8859-2>
1799 \SE@MapDeclare{iso-8859-2}{A0}{00A0}% NO-BREAK SPACE
1800 \SE@MapDeclare{iso-8859-2}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK
1801 \SE@MapDeclare{iso-8859-2}{A2}{02D8}% BREVE
1802 \SE@MapDeclare{iso-8859-2}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE
1803 \SE@MapDeclare{iso-8859-2}{A4}{00A4}% CURRENCY SIGN
1804 \SE@MapDeclare{iso-8859-2}{A5}{013D}% LATIN CAPITAL LETTER L WITH CARON
1805 \SE@MapDeclare{iso-8859-2}{A6}{015A}% LATIN CAPITAL LETTER S WITH ACUTE
1806 \SE@MapDeclare{iso-8859-2}{A7}{00A7}% SECTION SIGN
1807 \SE@MapDeclare{iso-8859-2}{A8}{00A8}% DIAERESIS
1808 \SE@MapDeclare{iso-8859-2}{A9}{0160}% LATIN CAPITAL LETTER S WITH CARON
1809 \SE@MapDeclare{iso-8859-2}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA
1810 \SE@MapDeclare{iso-8859-2}{AB}{0164}% LATIN CAPITAL LETTER T WITH CARON
1811 \SE@MapDeclare{iso-8859-2}{AC}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE
1812 \SE@MapDeclare{iso-8859-2}{AD}{00AD}% SOFT HYPHEN
1813 \SE@MapDeclare{iso-8859-2}{AE}{017D}% LATIN CAPITAL LETTER Z WITH CARON
1814 \SE@MapDeclare{iso-8859-2}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE
1815 \SE@MapDeclare{iso-8859-2}{B0}{00B0}% DEGREE SIGN
1816 \SE@MapDeclare{iso-8859-2}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK
1817 \SE@MapDeclare{iso-8859-2}{B2}{02DB}% OGONEK
1818 \SE@MapDeclare{iso-8859-2}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE
1819 \SE@MapDeclare{iso-8859-2}{B4}{00B4}% ACUTE ACCENT
1820 \SE@MapDeclare{iso-8859-2}{B5}{013E}% LATIN SMALL LETTER L WITH CARON
1821 \SE@MapDeclare{iso-8859-2}{B6}{015B}% LATIN SMALL LETTER S WITH ACUTE
1822 \SE@MapDeclare{iso-8859-2}{B7}{02C7}% CARON
1823 \SE@MapDeclare{iso-8859-2}{B8}{00B8}% CEDILLA
1824 \SE@MapDeclare{iso-8859-2}{B9}{0161}% LATIN SMALL LETTER S WITH CARON
1825 \SE@MapDeclare{iso-8859-2}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA
1826 \SE@MapDeclare{iso-8859-2}{BB}{0165}% LATIN SMALL LETTER T WITH CARON
1827 \SE@MapDeclare{iso-8859-2}{BC}{017A}% LATIN SMALL LETTER Z WITH ACUTE
1828 \SE@MapDeclare{iso-8859-2}{BD}{02DD}% DOUBLE ACUTE ACCENT
1829 \SE@MapDeclare{iso-8859-2}{BE}{017E}% LATIN SMALL LETTER Z WITH CARON

```

1830 \SE@MapDeclare{iso-8859-2}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
1831 \SE@MapDeclare{iso-8859-2}{C0}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
1832 \SE@MapDeclare{iso-8859-2}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
1833 \SE@MapDeclare{iso-8859-2}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
1834 \SE@MapDeclare{iso-8859-2}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
1835 \SE@MapDeclare{iso-8859-2}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
1836 \SE@MapDeclare{iso-8859-2}{C5}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
1837 \SE@MapDeclare{iso-8859-2}{C6}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
1838 \SE@MapDeclare{iso-8859-2}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
1839 \SE@MapDeclare{iso-8859-2}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
1840 \SE@MapDeclare{iso-8859-2}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
1841 \SE@MapDeclare{iso-8859-2}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
1842 \SE@MapDeclare{iso-8859-2}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
1843 \SE@MapDeclare{iso-8859-2}{CC}{011A}% LATIN CAPITAL LETTER E WITH CARON  
1844 \SE@MapDeclare{iso-8859-2}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
1845 \SE@MapDeclare{iso-8859-2}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
1846 \SE@MapDeclare{iso-8859-2}{CF}{010E}% LATIN CAPITAL LETTER D WITH CARON  
1847 \SE@MapDeclare{iso-8859-2}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
1848 \SE@MapDeclare{iso-8859-2}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
1849 \SE@MapDeclare{iso-8859-2}{D2}{0147}% LATIN CAPITAL LETTER N WITH CARON  
1850 \SE@MapDeclare{iso-8859-2}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
1851 \SE@MapDeclare{iso-8859-2}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
1852 \SE@MapDeclare{iso-8859-2}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
1853 \SE@MapDeclare{iso-8859-2}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
1854 \SE@MapDeclare{iso-8859-2}{D7}{00D7}% MULTIPLICATION SIGN  
1855 \SE@MapDeclare{iso-8859-2}{D8}{0158}% LATIN CAPITAL LETTER R WITH CARON  
1856 \SE@MapDeclare{iso-8859-2}{D9}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
1857 \SE@MapDeclare{iso-8859-2}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
1858 \SE@MapDeclare{iso-8859-2}{DB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
1859 \SE@MapDeclare{iso-8859-2}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
1860 \SE@MapDeclare{iso-8859-2}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
1861 \SE@MapDeclare{iso-8859-2}{DE}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
1862 \SE@MapDeclare{iso-8859-2}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
1863 \SE@MapDeclare{iso-8859-2}{E0}{0155}% LATIN SMALL LETTER R WITH ACUTE  
1864 \SE@MapDeclare{iso-8859-2}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
1865 \SE@MapDeclare{iso-8859-2}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
1866 \SE@MapDeclare{iso-8859-2}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
1867 \SE@MapDeclare{iso-8859-2}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
1868 \SE@MapDeclare{iso-8859-2}{E5}{013A}% LATIN SMALL LETTER L WITH ACUTE  
1869 \SE@MapDeclare{iso-8859-2}{E6}{0107}% LATIN SMALL LETTER C WITH ACUTE  
1870 \SE@MapDeclare{iso-8859-2}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
1871 \SE@MapDeclare{iso-8859-2}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
1872 \SE@MapDeclare{iso-8859-2}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
1873 \SE@MapDeclare{iso-8859-2}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
1874 \SE@MapDeclare{iso-8859-2}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
1875 \SE@MapDeclare{iso-8859-2}{EC}{011B}% LATIN SMALL LETTER E WITH CARON  
1876 \SE@MapDeclare{iso-8859-2}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
1877 \SE@MapDeclare{iso-8859-2}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
1878 \SE@MapDeclare{iso-8859-2}{EF}{010F}% LATIN SMALL LETTER D WITH CARON  
1879 \SE@MapDeclare{iso-8859-2}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
1880 \SE@MapDeclare{iso-8859-2}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
1881 \SE@MapDeclare{iso-8859-2}{F2}{0148}% LATIN SMALL LETTER N WITH CARON  
1882 \SE@MapDeclare{iso-8859-2}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
1883 \SE@MapDeclare{iso-8859-2}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
1884 \SE@MapDeclare{iso-8859-2}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
1885 \SE@MapDeclare{iso-8859-2}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
1886 \SE@MapDeclare{iso-8859-2}{F7}{00F7}% DIVISION SIGN  
1887 \SE@MapDeclare{iso-8859-2}{F8}{0159}% LATIN SMALL LETTER R WITH CARON  
1888 \SE@MapDeclare{iso-8859-2}{F9}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
1889 \SE@MapDeclare{iso-8859-2}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
1890 \SE@MapDeclare{iso-8859-2}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
1891 \SE@MapDeclare{iso-8859-2}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
1892 \SE@MapDeclare{iso-8859-2}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
1893 \SE@MapDeclare{iso-8859-2}{FE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
1894 \SE@MapDeclare{iso-8859-2}{FF}{02D9}% DOT ABOVE  
1895 </iso-8859-2>

### iso-8859-3

1896 <\*iso-8859-3>  
1897 \SE@MapDeclare{iso-8859-3}{A0}{00A0}% NO-BREAK SPACE  
1898 \SE@MapDeclare{iso-8859-3}{A1}{0126}% LATIN CAPITAL LETTER H WITH STROKE  
1899 \SE@MapDeclare{iso-8859-3}{A2}{02D8}% BREVE  
1900 \SE@MapDeclare{iso-8859-3}{A3}{00A3}% POUND SIGN  
1901 \SE@MapDeclare{iso-8859-3}{A4}{00A4}% CURRENCY SIGN  
1902 \SE@MapDeclare{iso-8859-3}{A6}{0124}% LATIN CAPITAL LETTER H WITH CIRCUMFLEX  
1903 \SE@MapDeclare{iso-8859-3}{A7}{00A7}% SECTION SIGN  
1904 \SE@MapDeclare{iso-8859-3}{A8}{00A8}% DIAERESIS  
1905 \SE@MapDeclare{iso-8859-3}{A9}{0130}% LATIN CAPITAL LETTER I WITH DOT ABOVE  
1906 \SE@MapDeclare{iso-8859-3}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
1907 \SE@MapDeclare{iso-8859-3}{AB}{011E}% LATIN CAPITAL LETTER G WITH BREVE  
1908 \SE@MapDeclare{iso-8859-3}{AC}{0134}% LATIN CAPITAL LETTER J WITH CIRCUMFLEX  
1909 \SE@MapDeclare{iso-8859-3}{AD}{00AD}% SOFT HYPHEN  
1910 \SE@MapDeclare{iso-8859-3}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
1911 \SE@MapDeclare{iso-8859-3}{B0}{00B0}% DEGREE SIGN

1912 \SE@MapDeclare{iso-8859-3}{B1}{0127}% LATIN SMALL LETTER H WITH STROKE  
 1913 \SE@MapDeclare{iso-8859-3}{B2}{00B2}% SUPERScript TWO  
 1914 \SE@MapDeclare{iso-8859-3}{B3}{00B3}% SUPERScript THREE  
 1915 \SE@MapDeclare{iso-8859-3}{B4}{00B4}% ACUTE ACCENT  
 1916 \SE@MapDeclare{iso-8859-3}{B5}{00B5}% MICRO SIGN  
 1917 \SE@MapDeclare{iso-8859-3}{B6}{0125}% LATIN SMALL LETTER H WITH CIRCUMFLEX  
 1918 \SE@MapDeclare{iso-8859-3}{B7}{00B7}% MIDDLE DOT  
 1919 \SE@MapDeclare{iso-8859-3}{B8}{00B8}% CEDILLA  
 1920 \SE@MapDeclare{iso-8859-3}{B9}{0131}% LATIN SMALL LETTER DOTLESS I  
 1921 \SE@MapDeclare{iso-8859-3}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 1922 \SE@MapDeclare{iso-8859-3}{BB}{011F}% LATIN SMALL LETTER G WITH BREVE  
 1923 \SE@MapDeclare{iso-8859-3}{BC}{0135}% LATIN SMALL LETTER J WITH CIRCUMFLEX  
 1924 \SE@MapDeclare{iso-8859-3}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 1925 \SE@MapDeclare{iso-8859-3}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 1926 \SE@MapDeclare{iso-8859-3}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 1927 \SE@MapDeclare{iso-8859-3}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 1928 \SE@MapDeclare{iso-8859-3}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 1929 \SE@MapDeclare{iso-8859-3}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 1930 \SE@MapDeclare{iso-8859-3}{C5}{010A}% LATIN CAPITAL LETTER C WITH DOT ABOVE  
 1931 \SE@MapDeclare{iso-8859-3}{C6}{0108}% LATIN CAPITAL LETTER C WITH CIRCUMFLEX  
 1932 \SE@MapDeclare{iso-8859-3}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 1933 \SE@MapDeclare{iso-8859-3}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 1934 \SE@MapDeclare{iso-8859-3}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 1935 \SE@MapDeclare{iso-8859-3}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 1936 \SE@MapDeclare{iso-8859-3}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 1937 \SE@MapDeclare{iso-8859-3}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 1938 \SE@MapDeclare{iso-8859-3}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 1939 \SE@MapDeclare{iso-8859-3}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 1940 \SE@MapDeclare{iso-8859-3}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 1941 \SE@MapDeclare{iso-8859-3}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 1942 \SE@MapDeclare{iso-8859-3}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 1943 \SE@MapDeclare{iso-8859-3}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 1944 \SE@MapDeclare{iso-8859-3}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 1945 \SE@MapDeclare{iso-8859-3}{D5}{0120}% LATIN CAPITAL LETTER G WITH DOT ABOVE  
 1946 \SE@MapDeclare{iso-8859-3}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 1947 \SE@MapDeclare{iso-8859-3}{D7}{00D7}% MULTIPLICATION SIGN  
 1948 \SE@MapDeclare{iso-8859-3}{D8}{011C}% LATIN CAPITAL LETTER G WITH CIRCUMFLEX  
 1949 \SE@MapDeclare{iso-8859-3}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 1950 \SE@MapDeclare{iso-8859-3}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 1951 \SE@MapDeclare{iso-8859-3}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 1952 \SE@MapDeclare{iso-8859-3}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 1953 \SE@MapDeclare{iso-8859-3}{DD}{016C}% LATIN CAPITAL LETTER U WITH BREVE  
 1954 \SE@MapDeclare{iso-8859-3}{DE}{015C}% LATIN CAPITAL LETTER S WITH CIRCUMFLEX  
 1955 \SE@MapDeclare{iso-8859-3}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 1956 \SE@MapDeclare{iso-8859-3}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 1957 \SE@MapDeclare{iso-8859-3}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 1958 \SE@MapDeclare{iso-8859-3}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 1959 \SE@MapDeclare{iso-8859-3}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 1960 \SE@MapDeclare{iso-8859-3}{E5}{010B}% LATIN SMALL LETTER C WITH DOT ABOVE  
 1961 \SE@MapDeclare{iso-8859-3}{E6}{0109}% LATIN SMALL LETTER C WITH CIRCUMFLEX  
 1962 \SE@MapDeclare{iso-8859-3}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 1963 \SE@MapDeclare{iso-8859-3}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 1964 \SE@MapDeclare{iso-8859-3}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 1965 \SE@MapDeclare{iso-8859-3}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 1966 \SE@MapDeclare{iso-8859-3}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 1967 \SE@MapDeclare{iso-8859-3}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 1968 \SE@MapDeclare{iso-8859-3}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 1969 \SE@MapDeclare{iso-8859-3}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 1970 \SE@MapDeclare{iso-8859-3}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 1971 \SE@MapDeclare{iso-8859-3}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 1972 \SE@MapDeclare{iso-8859-3}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 1973 \SE@MapDeclare{iso-8859-3}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 1974 \SE@MapDeclare{iso-8859-3}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 1975 \SE@MapDeclare{iso-8859-3}{F5}{0121}% LATIN SMALL LETTER G WITH DOT ABOVE  
 1976 \SE@MapDeclare{iso-8859-3}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 1977 \SE@MapDeclare{iso-8859-3}{F7}{00F7}% DIVISION SIGN  
 1978 \SE@MapDeclare{iso-8859-3}{F8}{011D}% LATIN SMALL LETTER G WITH CIRCUMFLEX  
 1979 \SE@MapDeclare{iso-8859-3}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 1980 \SE@MapDeclare{iso-8859-3}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 1981 \SE@MapDeclare{iso-8859-3}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 1982 \SE@MapDeclare{iso-8859-3}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 1983 \SE@MapDeclare{iso-8859-3}{FD}{016D}% LATIN SMALL LETTER U WITH BREVE  
 1984 \SE@MapDeclare{iso-8859-3}{FE}{015D}% LATIN SMALL LETTER S WITH CIRCUMFLEX  
 1985 \SE@MapDeclare{iso-8859-3}{FF}{02D9}% DOT ABOVE  
 1986 </iso-8859-3>

#### iso-8859-4

1987 <iso-8859-4>  
 1988 \SE@MapDeclare{iso-8859-4}{A0}{00A0}% NO-BREAK SPACE  
 1989 \SE@MapDeclare{iso-8859-4}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 1990 \SE@MapDeclare{iso-8859-4}{A2}{0138}% LATIN SMALL LETTER KRA  
 1991 \SE@MapDeclare{iso-8859-4}{A3}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 1992 \SE@MapDeclare{iso-8859-4}{A4}{00A4}% CURRENCY SIGN  
 1993 \SE@MapDeclare{iso-8859-4}{A5}{0128}% LATIN CAPITAL LETTER I WITH TILDE

1994 \SE@MapDeclare{iso-8859-4}{A6}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 1995 \SE@MapDeclare{iso-8859-4}{A7}{00A7}% SECTION SIGN  
 1996 \SE@MapDeclare{iso-8859-4}{A8}{00A8}% DIAERESIS  
 1997 \SE@MapDeclare{iso-8859-4}{A9}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 1998 \SE@MapDeclare{iso-8859-4}{AA}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 1999 \SE@MapDeclare{iso-8859-4}{AB}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 2000 \SE@MapDeclare{iso-8859-4}{AC}{0166}% LATIN CAPITAL LETTER T WITH STROKE  
 2001 \SE@MapDeclare{iso-8859-4}{AD}{00AD}% SOFT HYPHEN  
 2002 \SE@MapDeclare{iso-8859-4}{AE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2003 \SE@MapDeclare{iso-8859-4}{AF}{00AF}% MACRON  
 2004 \SE@MapDeclare{iso-8859-4}{B0}{00B0}% DEGREE SIGN  
 2005 \SE@MapDeclare{iso-8859-4}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2006 \SE@MapDeclare{iso-8859-4}{B2}{02DB}% OGONEK  
 2007 \SE@MapDeclare{iso-8859-4}{B3}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 2008 \SE@MapDeclare{iso-8859-4}{B4}{00B4}% ACUTE ACCENT  
 2009 \SE@MapDeclare{iso-8859-4}{B5}{0129}% LATIN SMALL LETTER I WITH TILDE  
 2010 \SE@MapDeclare{iso-8859-4}{B6}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 2011 \SE@MapDeclare{iso-8859-4}{B7}{02C7}% CARON  
 2012 \SE@MapDeclare{iso-8859-4}{B8}{00B8}% CEDILLA  
 2013 \SE@MapDeclare{iso-8859-4}{B9}{0161}% LATIN SMALL LETTER S WITH CARON  
 2014 \SE@MapDeclare{iso-8859-4}{BA}{0113}% LATIN SMALL LETTER E WITH MACRON  
 2015 \SE@MapDeclare{iso-8859-4}{BB}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 2016 \SE@MapDeclare{iso-8859-4}{BC}{0167}% LATIN SMALL LETTER T WITH STROKE  
 2017 \SE@MapDeclare{iso-8859-4}{BD}{014A}% LATIN CAPITAL LETTER ENG  
 2018 \SE@MapDeclare{iso-8859-4}{BE}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2019 \SE@MapDeclare{iso-8859-4}{BF}{014B}% LATIN SMALL LETTER ENG  
 2020 \SE@MapDeclare{iso-8859-4}{C0}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 2021 \SE@MapDeclare{iso-8859-4}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2022 \SE@MapDeclare{iso-8859-4}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2023 \SE@MapDeclare{iso-8859-4}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2024 \SE@MapDeclare{iso-8859-4}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2025 \SE@MapDeclare{iso-8859-4}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2026 \SE@MapDeclare{iso-8859-4}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2027 \SE@MapDeclare{iso-8859-4}{C7}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 2028 \SE@MapDeclare{iso-8859-4}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2029 \SE@MapDeclare{iso-8859-4}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2030 \SE@MapDeclare{iso-8859-4}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 2031 \SE@MapDeclare{iso-8859-4}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2032 \SE@MapDeclare{iso-8859-4}{CC}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 2033 \SE@MapDeclare{iso-8859-4}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2034 \SE@MapDeclare{iso-8859-4}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2035 \SE@MapDeclare{iso-8859-4}{CF}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 2036 \SE@MapDeclare{iso-8859-4}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 2037 \SE@MapDeclare{iso-8859-4}{D1}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 2038 \SE@MapDeclare{iso-8859-4}{D2}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 2039 \SE@MapDeclare{iso-8859-4}{D3}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 2040 \SE@MapDeclare{iso-8859-4}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2041 \SE@MapDeclare{iso-8859-4}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2042 \SE@MapDeclare{iso-8859-4}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2043 \SE@MapDeclare{iso-8859-4}{D7}{00D7}% MULTIPLICATION SIGN  
 2044 \SE@MapDeclare{iso-8859-4}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2045 \SE@MapDeclare{iso-8859-4}{D9}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 2046 \SE@MapDeclare{iso-8859-4}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2047 \SE@MapDeclare{iso-8859-4}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2048 \SE@MapDeclare{iso-8859-4}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2049 \SE@MapDeclare{iso-8859-4}{DD}{0168}% LATIN CAPITAL LETTER U WITH TILDE  
 2050 \SE@MapDeclare{iso-8859-4}{DE}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 2051 \SE@MapDeclare{iso-8859-4}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2052 \SE@MapDeclare{iso-8859-4}{E0}{0101}% LATIN SMALL LETTER A WITH MACRON  
 2053 \SE@MapDeclare{iso-8859-4}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2054 \SE@MapDeclare{iso-8859-4}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2055 \SE@MapDeclare{iso-8859-4}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2056 \SE@MapDeclare{iso-8859-4}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2057 \SE@MapDeclare{iso-8859-4}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2058 \SE@MapDeclare{iso-8859-4}{E6}{00E6}% LATIN SMALL LETTER AE  
 2059 \SE@MapDeclare{iso-8859-4}{E7}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 2060 \SE@MapDeclare{iso-8859-4}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 2061 \SE@MapDeclare{iso-8859-4}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2062 \SE@MapDeclare{iso-8859-4}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 2063 \SE@MapDeclare{iso-8859-4}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2064 \SE@MapDeclare{iso-8859-4}{EC}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 2065 \SE@MapDeclare{iso-8859-4}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2066 \SE@MapDeclare{iso-8859-4}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2067 \SE@MapDeclare{iso-8859-4}{EF}{012B}% LATIN SMALL LETTER I WITH MACRON  
 2068 \SE@MapDeclare{iso-8859-4}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 2069 \SE@MapDeclare{iso-8859-4}{F1}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 2070 \SE@MapDeclare{iso-8859-4}{F2}{014D}% LATIN SMALL LETTER O WITH MACRON  
 2071 \SE@MapDeclare{iso-8859-4}{F3}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2072 \SE@MapDeclare{iso-8859-4}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2073 \SE@MapDeclare{iso-8859-4}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2074 \SE@MapDeclare{iso-8859-4}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2075 \SE@MapDeclare{iso-8859-4}{F7}{00F7}% DIVISION SIGN  
 2076 \SE@MapDeclare{iso-8859-4}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2077 \SE@MapDeclare{iso-8859-4}{F9}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2078 \SE@MapDeclare{iso-8859-4}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2079 \SE@MapDeclare{iso-8859-4}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX

2080 \SE@MapDeclare{iso-8859-4}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2081 \SE@MapDeclare{iso-8859-4}{FD}{0169}% LATIN SMALL LETTER U WITH TILDE  
 2082 \SE@MapDeclare{iso-8859-4}{FE}{016B}% LATIN SMALL LETTER U WITH MACRON  
 2083 \SE@MapDeclare{iso-8859-4}{FF}{02D9}% DOT ABOVE  
 2084 \</iso-8859-4>

## iso-8859-5

2085 \<iso-8859-5>  
 2086 \SE@MapDeclare{iso-8859-5}{A0}{00A0}% NO-BREAK SPACE  
 2087 \SE@MapDeclare{iso-8859-5}{A1}{0401}% CYRILLIC CAPITAL LETTER IO  
 2088 \SE@MapDeclare{iso-8859-5}{A2}{0402}% CYRILLIC CAPITAL LETTER DJE  
 2089 \SE@MapDeclare{iso-8859-5}{A3}{0403}% CYRILLIC CAPITAL LETTER GJE  
 2090 \SE@MapDeclare{iso-8859-5}{A4}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 2091 \SE@MapDeclare{iso-8859-5}{A5}{0405}% CYRILLIC CAPITAL LETTER DZE  
 2092 \SE@MapDeclare{iso-8859-5}{A6}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 2093 \SE@MapDeclare{iso-8859-5}{A7}{0407}% CYRILLIC CAPITAL LETTER YI  
 2094 \SE@MapDeclare{iso-8859-5}{A8}{0408}% CYRILLIC CAPITAL LETTER JE  
 2095 \SE@MapDeclare{iso-8859-5}{A9}{0409}% CYRILLIC CAPITAL LETTER LJE  
 2096 \SE@MapDeclare{iso-8859-5}{AA}{040A}% CYRILLIC CAPITAL LETTER NJE  
 2097 \SE@MapDeclare{iso-8859-5}{AB}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 2098 \SE@MapDeclare{iso-8859-5}{AC}{040C}% CYRILLIC CAPITAL LETTER KJE  
 2099 \SE@MapDeclare{iso-8859-5}{AD}{00AD}% SOFT HYPHEN  
 2100 \SE@MapDeclare{iso-8859-5}{AE}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 2101 \SE@MapDeclare{iso-8859-5}{AF}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 2102 \SE@MapDeclare{iso-8859-5}{B0}{0410}% CYRILLIC CAPITAL LETTER A  
 2103 \SE@MapDeclare{iso-8859-5}{B1}{0411}% CYRILLIC CAPITAL LETTER BE  
 2104 \SE@MapDeclare{iso-8859-5}{B2}{0412}% CYRILLIC CAPITAL LETTER VE  
 2105 \SE@MapDeclare{iso-8859-5}{B3}{0413}% CYRILLIC CAPITAL LETTER GHE  
 2106 \SE@MapDeclare{iso-8859-5}{B4}{0414}% CYRILLIC CAPITAL LETTER DE  
 2107 \SE@MapDeclare{iso-8859-5}{B5}{0415}% CYRILLIC CAPITAL LETTER IE  
 2108 \SE@MapDeclare{iso-8859-5}{B6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 2109 \SE@MapDeclare{iso-8859-5}{B7}{0417}% CYRILLIC CAPITAL LETTER ZE  
 2110 \SE@MapDeclare{iso-8859-5}{B8}{0418}% CYRILLIC CAPITAL LETTER I  
 2111 \SE@MapDeclare{iso-8859-5}{B9}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 2112 \SE@MapDeclare{iso-8859-5}{BA}{041A}% CYRILLIC CAPITAL LETTER KA  
 2113 \SE@MapDeclare{iso-8859-5}{BB}{041B}% CYRILLIC CAPITAL LETTER EL  
 2114 \SE@MapDeclare{iso-8859-5}{BC}{041C}% CYRILLIC CAPITAL LETTER EM  
 2115 \SE@MapDeclare{iso-8859-5}{BD}{041D}% CYRILLIC CAPITAL LETTER EN  
 2116 \SE@MapDeclare{iso-8859-5}{BE}{041E}% CYRILLIC CAPITAL LETTER O  
 2117 \SE@MapDeclare{iso-8859-5}{BF}{041F}% CYRILLIC CAPITAL LETTER PE  
 2118 \SE@MapDeclare{iso-8859-5}{C0}{0420}% CYRILLIC CAPITAL LETTER ER  
 2119 \SE@MapDeclare{iso-8859-5}{C1}{0421}% CYRILLIC CAPITAL LETTER ES  
 2120 \SE@MapDeclare{iso-8859-5}{C2}{0422}% CYRILLIC CAPITAL LETTER TE  
 2121 \SE@MapDeclare{iso-8859-5}{C3}{0423}% CYRILLIC CAPITAL LETTER U  
 2122 \SE@MapDeclare{iso-8859-5}{C4}{0424}% CYRILLIC CAPITAL LETTER EF  
 2123 \SE@MapDeclare{iso-8859-5}{C5}{0425}% CYRILLIC CAPITAL LETTER HA  
 2124 \SE@MapDeclare{iso-8859-5}{C6}{0426}% CYRILLIC CAPITAL LETTER TSE  
 2125 \SE@MapDeclare{iso-8859-5}{C7}{0427}% CYRILLIC CAPITAL LETTER CHE  
 2126 \SE@MapDeclare{iso-8859-5}{C8}{0428}% CYRILLIC CAPITAL LETTER SHA  
 2127 \SE@MapDeclare{iso-8859-5}{C9}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 2128 \SE@MapDeclare{iso-8859-5}{CA}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 2129 \SE@MapDeclare{iso-8859-5}{CB}{042B}% CYRILLIC CAPITAL LETTER YERU  
 2130 \SE@MapDeclare{iso-8859-5}{CC}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 2131 \SE@MapDeclare{iso-8859-5}{CD}{042D}% CYRILLIC CAPITAL LETTER E  
 2132 \SE@MapDeclare{iso-8859-5}{CE}{042E}% CYRILLIC CAPITAL LETTER YU  
 2133 \SE@MapDeclare{iso-8859-5}{CF}{042F}% CYRILLIC CAPITAL LETTER YA  
 2134 \SE@MapDeclare{iso-8859-5}{D0}{0430}% CYRILLIC SMALL LETTER A  
 2135 \SE@MapDeclare{iso-8859-5}{D1}{0431}% CYRILLIC SMALL LETTER BE  
 2136 \SE@MapDeclare{iso-8859-5}{D2}{0432}% CYRILLIC SMALL LETTER VE  
 2137 \SE@MapDeclare{iso-8859-5}{D3}{0433}% CYRILLIC SMALL LETTER GHE  
 2138 \SE@MapDeclare{iso-8859-5}{D4}{0434}% CYRILLIC SMALL LETTER DE  
 2139 \SE@MapDeclare{iso-8859-5}{D5}{0435}% CYRILLIC SMALL LETTER IE  
 2140 \SE@MapDeclare{iso-8859-5}{D6}{0436}% CYRILLIC SMALL LETTER ZHE  
 2141 \SE@MapDeclare{iso-8859-5}{D7}{0437}% CYRILLIC SMALL LETTER ZE  
 2142 \SE@MapDeclare{iso-8859-5}{D8}{0438}% CYRILLIC SMALL LETTER I  
 2143 \SE@MapDeclare{iso-8859-5}{D9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 2144 \SE@MapDeclare{iso-8859-5}{DA}{043A}% CYRILLIC SMALL LETTER KA  
 2145 \SE@MapDeclare{iso-8859-5}{DB}{043B}% CYRILLIC SMALL LETTER EL  
 2146 \SE@MapDeclare{iso-8859-5}{DC}{043C}% CYRILLIC SMALL LETTER EM  
 2147 \SE@MapDeclare{iso-8859-5}{DD}{043D}% CYRILLIC SMALL LETTER EN  
 2148 \SE@MapDeclare{iso-8859-5}{DE}{043E}% CYRILLIC SMALL LETTER O  
 2149 \SE@MapDeclare{iso-8859-5}{DF}{043F}% CYRILLIC SMALL LETTER PE  
 2150 \SE@MapDeclare{iso-8859-5}{E0}{0440}% CYRILLIC SMALL LETTER ER  
 2151 \SE@MapDeclare{iso-8859-5}{E1}{0441}% CYRILLIC SMALL LETTER ES  
 2152 \SE@MapDeclare{iso-8859-5}{E2}{0442}% CYRILLIC SMALL LETTER TE  
 2153 \SE@MapDeclare{iso-8859-5}{E3}{0443}% CYRILLIC SMALL LETTER U  
 2154 \SE@MapDeclare{iso-8859-5}{E4}{0444}% CYRILLIC SMALL LETTER EF  
 2155 \SE@MapDeclare{iso-8859-5}{E5}{0445}% CYRILLIC SMALL LETTER HA  
 2156 \SE@MapDeclare{iso-8859-5}{E6}{0446}% CYRILLIC SMALL LETTER TSE  
 2157 \SE@MapDeclare{iso-8859-5}{E7}{0447}% CYRILLIC SMALL LETTER CHE  
 2158 \SE@MapDeclare{iso-8859-5}{E8}{0448}% CYRILLIC SMALL LETTER SHA  
 2159 \SE@MapDeclare{iso-8859-5}{E9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 2160 \SE@MapDeclare{iso-8859-5}{EA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 2161 \SE@MapDeclare{iso-8859-5}{EB}{044B}% CYRILLIC SMALL LETTER YERU

2162 \SE@MapDeclare{iso-8859-5}{EC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 2163 \SE@MapDeclare{iso-8859-5}{ED}{044D}% CYRILLIC SMALL LETTER E  
 2164 \SE@MapDeclare{iso-8859-5}{EE}{044E}% CYRILLIC SMALL LETTER YU  
 2165 \SE@MapDeclare{iso-8859-5}{EF}{044F}% CYRILLIC SMALL LETTER YA  
 2166 \SE@MapDeclare{iso-8859-5}{FO}{2116}% NUMERO SIGN  
 2167 \SE@MapDeclare{iso-8859-5}{F1}{0451}% CYRILLIC SMALL LETTER IO  
 2168 \SE@MapDeclare{iso-8859-5}{F2}{0452}% CYRILLIC SMALL LETTER DJE  
 2169 \SE@MapDeclare{iso-8859-5}{F3}{0453}% CYRILLIC SMALL LETTER GJE  
 2170 \SE@MapDeclare{iso-8859-5}{F4}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 2171 \SE@MapDeclare{iso-8859-5}{F5}{0455}% CYRILLIC SMALL LETTER DZE  
 2172 \SE@MapDeclare{iso-8859-5}{F6}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 2173 \SE@MapDeclare{iso-8859-5}{F7}{0457}% CYRILLIC SMALL LETTER YI  
 2174 \SE@MapDeclare{iso-8859-5}{F8}{0458}% CYRILLIC SMALL LETTER JE  
 2175 \SE@MapDeclare{iso-8859-5}{F9}{0459}% CYRILLIC SMALL LETTER LJE  
 2176 \SE@MapDeclare{iso-8859-5}{FA}{045A}% CYRILLIC SMALL LETTER NJE  
 2177 \SE@MapDeclare{iso-8859-5}{FB}{045B}% CYRILLIC SMALL LETTER TSHE  
 2178 \SE@MapDeclare{iso-8859-5}{FC}{045C}% CYRILLIC SMALL LETTER KJE  
 2179 \SE@MapDeclare{iso-8859-5}{FD}{00A7}% SECTION SIGN  
 2180 \SE@MapDeclare{iso-8859-5}{FE}{045E}% CYRILLIC SMALL LETTER SHORT U  
 2181 \SE@MapDeclare{iso-8859-5}{FF}{045F}% CYRILLIC SMALL LETTER DZHE  
 2182 </iso-8859-5>

## iso-8859-6

2183 <\*iso-8859-6>  
 2184 \SE@MapDeclare{iso-8859-6}{A0}{00A0}% NO-BREAK SPACE  
 2185 \SE@MapDeclare{iso-8859-6}{A4}{00A4}% CURRENCY SIGN  
 2186 \SE@MapDeclare{iso-8859-6}{AC}{060C}% ARABIC COMMA  
 2187 \SE@MapDeclare{iso-8859-6}{AD}{00AD}% SOFT HYPHEN  
 2188 \SE@MapDeclare{iso-8859-6}{BB}{061B}% ARABIC SEMICOLON  
 2189 \SE@MapDeclare{iso-8859-6}{BF}{061F}% ARABIC QUESTION MARK  
 2190 \SE@MapDeclare{iso-8859-6}{C1}{0621}% ARABIC LETTER HAMZA  
 2191 \SE@MapDeclare{iso-8859-6}{C2}{0622}% ARABIC LETTER ALEF WITH MADDA ABOVE  
 2192 \SE@MapDeclare{iso-8859-6}{C3}{0623}% ARABIC LETTER ALEF WITH HAMZA ABOVE  
 2193 \SE@MapDeclare{iso-8859-6}{C4}{0624}% ARABIC LETTER WAW WITH HAMZA ABOVE  
 2194 \SE@MapDeclare{iso-8859-6}{C5}{0625}% ARABIC LETTER ALEF WITH HAMZA BELOW  
 2195 \SE@MapDeclare{iso-8859-6}{C6}{0626}% ARABIC LETTER YEH WITH HAMZA ABOVE  
 2196 \SE@MapDeclare{iso-8859-6}{C7}{0627}% ARABIC LETTER ALEF  
 2197 \SE@MapDeclare{iso-8859-6}{C8}{0628}% ARABIC LETTER BEH  
 2198 \SE@MapDeclare{iso-8859-6}{C9}{0629}% ARABIC LETTER TEH MARBUTA  
 2199 \SE@MapDeclare{iso-8859-6}{CA}{062A}% ARABIC LETTER TEH  
 2200 \SE@MapDeclare{iso-8859-6}{CB}{062B}% ARABIC LETTER THEH  
 2201 \SE@MapDeclare{iso-8859-6}{CC}{062C}% ARABIC LETTER JEEM  
 2202 \SE@MapDeclare{iso-8859-6}{CD}{062D}% ARABIC LETTER HAH  
 2203 \SE@MapDeclare{iso-8859-6}{CE}{062E}% ARABIC LETTER KHAH  
 2204 \SE@MapDeclare{iso-8859-6}{CF}{062F}% ARABIC LETTER DAL  
 2205 \SE@MapDeclare{iso-8859-6}{D0}{0630}% ARABIC LETTER THAL  
 2206 \SE@MapDeclare{iso-8859-6}{D1}{0631}% ARABIC LETTER REH  
 2207 \SE@MapDeclare{iso-8859-6}{D2}{0632}% ARABIC LETTER ZAIN  
 2208 \SE@MapDeclare{iso-8859-6}{D3}{0633}% ARABIC LETTER SEEN  
 2209 \SE@MapDeclare{iso-8859-6}{D4}{0634}% ARABIC LETTER SHEEN  
 2210 \SE@MapDeclare{iso-8859-6}{D5}{0635}% ARABIC LETTER SAD  
 2211 \SE@MapDeclare{iso-8859-6}{D6}{0636}% ARABIC LETTER DAD  
 2212 \SE@MapDeclare{iso-8859-6}{D7}{0637}% ARABIC LETTER TAH  
 2213 \SE@MapDeclare{iso-8859-6}{D8}{0638}% ARABIC LETTER ZAH  
 2214 \SE@MapDeclare{iso-8859-6}{D9}{0639}% ARABIC LETTER AIN  
 2215 \SE@MapDeclare{iso-8859-6}{DA}{063A}% ARABIC LETTER GHAIN  
 2216 \SE@MapDeclare{iso-8859-6}{E0}{0640}% ARABIC TATWEEL  
 2217 \SE@MapDeclare{iso-8859-6}{E1}{0641}% ARABIC LETTER FEH  
 2218 \SE@MapDeclare{iso-8859-6}{E2}{0642}% ARABIC LETTER QAF  
 2219 \SE@MapDeclare{iso-8859-6}{E3}{0643}% ARABIC LETTER KAF  
 2220 \SE@MapDeclare{iso-8859-6}{E4}{0644}% ARABIC LETTER LAM  
 2221 \SE@MapDeclare{iso-8859-6}{E5}{0645}% ARABIC LETTER MEEM  
 2222 \SE@MapDeclare{iso-8859-6}{E6}{0646}% ARABIC LETTER NOON  
 2223 \SE@MapDeclare{iso-8859-6}{E7}{0647}% ARABIC LETTER HEH  
 2224 \SE@MapDeclare{iso-8859-6}{E8}{0648}% ARABIC LETTER WAW  
 2225 \SE@MapDeclare{iso-8859-6}{E9}{0649}% ARABIC LETTER ALEF MAKSURA  
 2226 \SE@MapDeclare{iso-8859-6}{EA}{064A}% ARABIC LETTER YEH  
 2227 \SE@MapDeclare{iso-8859-6}{EB}{064B}% ARABIC FATHATAN  
 2228 \SE@MapDeclare{iso-8859-6}{EC}{064C}% ARABIC DAMMATAN  
 2229 \SE@MapDeclare{iso-8859-6}{ED}{064D}% ARABIC KASRATAN  
 2230 \SE@MapDeclare{iso-8859-6}{EE}{064E}% ARABIC FATHA  
 2231 \SE@MapDeclare{iso-8859-6}{EF}{064F}% ARABIC DAMMA  
 2232 \SE@MapDeclare{iso-8859-6}{F0}{0650}% ARABIC KASRA  
 2233 \SE@MapDeclare{iso-8859-6}{F1}{0651}% ARABIC SHADDA  
 2234 \SE@MapDeclare{iso-8859-6}{F2}{0652}% ARABIC SUKUN  
 2235 </iso-8859-6>

## iso-8859-7

2236 <\*iso-8859-7>  
 2237 \SE@MapDeclare{iso-8859-7}{A0}{00A0}% NO-BREAK SPACE  
 2238 \SE@MapDeclare{iso-8859-7}{A1}{2018}% LEFT SINGLE QUOTATION MARK  
 2239 \SE@MapDeclare{iso-8859-7}{A2}{2019}% RIGHT SINGLE QUOTATION MARK  
 2240 \SE@MapDeclare{iso-8859-7}{A3}{00A3}% POUND SIGN



2241 \SE@MapDeclare{iso-8859-7}{A4}{20AC}% EURO SIGN  
 2242 \SE@MapDeclare{iso-8859-7}{A5}{20AF}% DRACHMA SIGN  
 2243 \SE@MapDeclare{iso-8859-7}{A6}{00A6}% BROKEN BAR  
 2244 \SE@MapDeclare{iso-8859-7}{A7}{00A7}% SECTION SIGN  
 2245 \SE@MapDeclare{iso-8859-7}{A8}{00A8}% DIAERESIS  
 2246 \SE@MapDeclare{iso-8859-7}{A9}{00A9}% COPYRIGHT SIGN  
 2247 \SE@MapDeclare{iso-8859-7}{AA}{037A}% GREEK YPOGEGRAMMENI  
 2248 \SE@MapDeclare{iso-8859-7}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2249 \SE@MapDeclare{iso-8859-7}{AC}{00AC}% NOT SIGN  
 2250 \SE@MapDeclare{iso-8859-7}{AD}{00AD}% SOFT HYPHEN  
 2251 \SE@MapDeclare{iso-8859-7}{AF}{2015}% HORIZONTAL BAR  
 2252 \SE@MapDeclare{iso-8859-7}{B0}{00B0}% DEGREE SIGN  
 2253 \SE@MapDeclare{iso-8859-7}{B1}{00B1}% PLUS-MINUS SIGN  
 2254 \SE@MapDeclare{iso-8859-7}{B2}{00B2}% SUPERSCRPT TWO  
 2255 \SE@MapDeclare{iso-8859-7}{B3}{00B3}% SUPERSCRPT THREE  
 2256 \SE@MapDeclare{iso-8859-7}{B4}{0384}% GREEK TONOS  
 2257 \SE@MapDeclare{iso-8859-7}{B5}{0385}% GREEK DIALYTIKA TONOS  
 2258 \SE@MapDeclare{iso-8859-7}{B6}{0386}% GREEK CAPITAL LETTER ALPHA WITH TONOS  
 2259 \SE@MapDeclare{iso-8859-7}{B7}{00B7}% MIDDLE DOT  
 2260 \SE@MapDeclare{iso-8859-7}{B8}{0388}% GREEK CAPITAL LETTER EPSILON WITH TONOS  
 2261 \SE@MapDeclare{iso-8859-7}{B9}{0389}% GREEK CAPITAL LETTER ETA WITH TONOS  
 2262 \SE@MapDeclare{iso-8859-7}{BA}{038A}% GREEK CAPITAL LETTER IOTA WITH TONOS  
 2263 \SE@MapDeclare{iso-8859-7}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2264 \SE@MapDeclare{iso-8859-7}{BC}{038C}% GREEK CAPITAL LETTER OMICRON WITH TONOS  
 2265 \SE@MapDeclare{iso-8859-7}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2266 \SE@MapDeclare{iso-8859-7}{BE}{038E}% GREEK CAPITAL LETTER UPSILON WITH TONOS  
 2267 \SE@MapDeclare{iso-8859-7}{BF}{038F}% GREEK CAPITAL LETTER OMEGA WITH TONOS  
 2268 \SE@MapDeclare{iso-8859-7}{C0}{0390}% GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS  
 2269 \SE@MapDeclare{iso-8859-7}{C1}{0391}% GREEK CAPITAL LETTER ALPHA  
 2270 \SE@MapDeclare{iso-8859-7}{C2}{0392}% GREEK CAPITAL LETTER BETA  
 2271 \SE@MapDeclare{iso-8859-7}{C3}{0393}% GREEK CAPITAL LETTER GAMMA  
 2272 \SE@MapDeclare{iso-8859-7}{C4}{0394}% GREEK CAPITAL LETTER DELTA  
 2273 \SE@MapDeclare{iso-8859-7}{C5}{0395}% GREEK CAPITAL LETTER EPSILON  
 2274 \SE@MapDeclare{iso-8859-7}{C6}{0396}% GREEK CAPITAL LETTER ZETA  
 2275 \SE@MapDeclare{iso-8859-7}{C7}{0397}% GREEK CAPITAL LETTER ETA  
 2276 \SE@MapDeclare{iso-8859-7}{C8}{0398}% GREEK CAPITAL LETTER THETA  
 2277 \SE@MapDeclare{iso-8859-7}{C9}{0399}% GREEK CAPITAL LETTER IOTA  
 2278 \SE@MapDeclare{iso-8859-7}{CA}{039A}% GREEK CAPITAL LETTER KAPPA  
 2279 \SE@MapDeclare{iso-8859-7}{CB}{039B}% GREEK CAPITAL LETTER LAMDA  
 2280 \SE@MapDeclare{iso-8859-7}{CC}{039C}% GREEK CAPITAL LETTER MU  
 2281 \SE@MapDeclare{iso-8859-7}{CD}{039D}% GREEK CAPITAL LETTER NU  
 2282 \SE@MapDeclare{iso-8859-7}{CE}{039E}% GREEK CAPITAL LETTER XI  
 2283 \SE@MapDeclare{iso-8859-7}{CF}{039F}% GREEK CAPITAL LETTER OMICRON  
 2284 \SE@MapDeclare{iso-8859-7}{D0}{03A0}% GREEK CAPITAL LETTER PI  
 2285 \SE@MapDeclare{iso-8859-7}{D1}{03A1}% GREEK CAPITAL LETTER RHO  
 2286 \SE@MapDeclare{iso-8859-7}{D3}{03A3}% GREEK CAPITAL LETTER SIGMA  
 2287 \SE@MapDeclare{iso-8859-7}{D4}{03A4}% GREEK CAPITAL LETTER TAU  
 2288 \SE@MapDeclare{iso-8859-7}{D5}{03A5}% GREEK CAPITAL LETTER UPSILON  
 2289 \SE@MapDeclare{iso-8859-7}{D6}{03A6}% GREEK CAPITAL LETTER PHI  
 2290 \SE@MapDeclare{iso-8859-7}{D7}{03A7}% GREEK CAPITAL LETTER CHI  
 2291 \SE@MapDeclare{iso-8859-7}{D8}{03A8}% GREEK CAPITAL LETTER PSI  
 2292 \SE@MapDeclare{iso-8859-7}{D9}{03A9}% GREEK CAPITAL LETTER OMEGA  
 2293 \SE@MapDeclare{iso-8859-7}{DA}{03AA}% GREEK CAPITAL LETTER IOTA WITH DIALYTIKA  
 2294 \SE@MapDeclare{iso-8859-7}{DB}{03AB}% GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA  
 2295 \SE@MapDeclare{iso-8859-7}{DC}{03AC}% GREEK SMALL LETTER ALPHA WITH TONOS  
 2296 \SE@MapDeclare{iso-8859-7}{DD}{03AD}% GREEK SMALL LETTER EPSILON WITH TONOS  
 2297 \SE@MapDeclare{iso-8859-7}{DE}{03AE}% GREEK SMALL LETTER ETA WITH TONOS  
 2298 \SE@MapDeclare{iso-8859-7}{DF}{03AF}% GREEK SMALL LETTER IOTA WITH TONOS  
 2299 \SE@MapDeclare{iso-8859-7}{E0}{03B0}% GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS  
 2300 \SE@MapDeclare{iso-8859-7}{E1}{03B1}% GREEK SMALL LETTER ALPHA  
 2301 \SE@MapDeclare{iso-8859-7}{E2}{03B2}% GREEK SMALL LETTER BETA  
 2302 \SE@MapDeclare{iso-8859-7}{E3}{03B3}% GREEK SMALL LETTER GAMMA  
 2303 \SE@MapDeclare{iso-8859-7}{E4}{03B4}% GREEK SMALL LETTER DELTA  
 2304 \SE@MapDeclare{iso-8859-7}{E5}{03B5}% GREEK SMALL LETTER EPSILON  
 2305 \SE@MapDeclare{iso-8859-7}{E6}{03B6}% GREEK SMALL LETTER ZETA  
 2306 \SE@MapDeclare{iso-8859-7}{E7}{03B7}% GREEK SMALL LETTER ETA  
 2307 \SE@MapDeclare{iso-8859-7}{E8}{03B8}% GREEK SMALL LETTER THETA  
 2308 \SE@MapDeclare{iso-8859-7}{E9}{03B9}% GREEK SMALL LETTER IOTA  
 2309 \SE@MapDeclare{iso-8859-7}{EA}{03BA}% GREEK SMALL LETTER KAPPA  
 2310 \SE@MapDeclare{iso-8859-7}{EB}{03BB}% GREEK SMALL LETTER LAMDA  
 2311 \SE@MapDeclare{iso-8859-7}{EC}{03BC}% GREEK SMALL LETTER MU  
 2312 \SE@MapDeclare{iso-8859-7}{ED}{03BD}% GREEK SMALL LETTER NU  
 2313 \SE@MapDeclare{iso-8859-7}{EE}{03BE}% GREEK SMALL LETTER XI  
 2314 \SE@MapDeclare{iso-8859-7}{EF}{03BF}% GREEK SMALL LETTER OMICRON  
 2315 \SE@MapDeclare{iso-8859-7}{F0}{03C0}% GREEK SMALL LETTER PI  
 2316 \SE@MapDeclare{iso-8859-7}{F1}{03C1}% GREEK SMALL LETTER RHO  
 2317 \SE@MapDeclare{iso-8859-7}{F2}{03C2}% GREEK SMALL LETTER FINAL SIGMA  
 2318 \SE@MapDeclare{iso-8859-7}{F3}{03C3}% GREEK SMALL LETTER SIGMA  
 2319 \SE@MapDeclare{iso-8859-7}{F4}{03C4}% GREEK SMALL LETTER TAU  
 2320 \SE@MapDeclare{iso-8859-7}{F5}{03C5}% GREEK SMALL LETTER UPSILON  
 2321 \SE@MapDeclare{iso-8859-7}{F6}{03C6}% GREEK SMALL LETTER PHI  
 2322 \SE@MapDeclare{iso-8859-7}{F7}{03C7}% GREEK SMALL LETTER CHI  
 2323 \SE@MapDeclare{iso-8859-7}{F8}{03C8}% GREEK SMALL LETTER PSI  
 2324 \SE@MapDeclare{iso-8859-7}{F9}{03C9}% GREEK SMALL LETTER OMEGA  
 2325 \SE@MapDeclare{iso-8859-7}{FA}{03CA}% GREEK SMALL LETTER IOTA WITH DIALYTIKA  
 2326 \SE@MapDeclare{iso-8859-7}{FB}{03CB}% GREEK SMALL LETTER UPSILON WITH DIALYTIKA

2327 \SE@MapDeclare{iso-8859-7}{FC}{03CC}% GREEK SMALL LETTER OMICRON WITH TONOS  
 2328 \SE@MapDeclare{iso-8859-7}{FD}{03CD}% GREEK SMALL LETTER UPSILON WITH TONOS  
 2329 \SE@MapDeclare{iso-8859-7}{FE}{03CE}% GREEK SMALL LETTER OMEGA WITH TONOS  
 2330 (/iso-8859-7)

## iso-8859-8

2331 (\*iso-8859-8)  
 2332 \SE@MapDeclare{iso-8859-8}{A0}{00A0}% NO-BREAK SPACE  
 2333 \SE@MapDeclare{iso-8859-8}{A2}{00A2}% CENT SIGN  
 2334 \SE@MapDeclare{iso-8859-8}{A3}{00A3}% POUND SIGN  
 2335 \SE@MapDeclare{iso-8859-8}{A4}{00A4}% CURRENCY SIGN  
 2336 \SE@MapDeclare{iso-8859-8}{A5}{00A5}% YEN SIGN  
 2337 \SE@MapDeclare{iso-8859-8}{A6}{00A6}% BROKEN BAR  
 2338 \SE@MapDeclare{iso-8859-8}{A7}{00A7}% SECTION SIGN  
 2339 \SE@MapDeclare{iso-8859-8}{A8}{00A8}% DIAERESIS  
 2340 \SE@MapDeclare{iso-8859-8}{A9}{00A9}% COPYRIGHT SIGN  
 2341 \SE@MapDeclare{iso-8859-8}{AA}{00D7}% MULTIPLICATION SIGN  
 2342 \SE@MapDeclare{iso-8859-8}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2343 \SE@MapDeclare{iso-8859-8}{AC}{00AC}% NOT SIGN  
 2344 \SE@MapDeclare{iso-8859-8}{AD}{00AD}% SOFT HYPHEN  
 2345 \SE@MapDeclare{iso-8859-8}{AE}{00AE}% REGISTERED SIGN  
 2346 \SE@MapDeclare{iso-8859-8}{AF}{00AF}% MACRON  
 2347 \SE@MapDeclare{iso-8859-8}{B0}{00B0}% DEGREE SIGN  
 2348 \SE@MapDeclare{iso-8859-8}{B1}{00B1}% PLUS-MINUS SIGN  
 2349 \SE@MapDeclare{iso-8859-8}{B2}{00B2}% SUPERSCRIT TWO  
 2350 \SE@MapDeclare{iso-8859-8}{B3}{00B3}% SUPERSCRIT THREE  
 2351 \SE@MapDeclare{iso-8859-8}{B4}{00B4}% ACUTE ACCENT  
 2352 \SE@MapDeclare{iso-8859-8}{B5}{00B5}% MICRO SIGN  
 2353 \SE@MapDeclare{iso-8859-8}{B6}{00B6}% PILCROW SIGN  
 2354 \SE@MapDeclare{iso-8859-8}{B7}{00B7}% MIDDLE DOT  
 2355 \SE@MapDeclare{iso-8859-8}{B8}{00B8}% CEDILLA  
 2356 \SE@MapDeclare{iso-8859-8}{B9}{00B9}% SUPERSCRIT ONE  
 2357 \SE@MapDeclare{iso-8859-8}{BA}{00F7}% DIVISION SIGN  
 2358 \SE@MapDeclare{iso-8859-8}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2359 \SE@MapDeclare{iso-8859-8}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2360 \SE@MapDeclare{iso-8859-8}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2361 \SE@MapDeclare{iso-8859-8}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2362 \SE@MapDeclare{iso-8859-8}{DF}{2017}% DOUBLE LOW LINE  
 2363 \SE@MapDeclare{iso-8859-8}{E0}{05D0}% HEBREW LETTER ALEF  
 2364 \SE@MapDeclare{iso-8859-8}{E1}{05D1}% HEBREW LETTER BET  
 2365 \SE@MapDeclare{iso-8859-8}{E2}{05D2}% HEBREW LETTER GIMEL  
 2366 \SE@MapDeclare{iso-8859-8}{E3}{05D3}% HEBREW LETTER DALET  
 2367 \SE@MapDeclare{iso-8859-8}{E4}{05D4}% HEBREW LETTER HE  
 2368 \SE@MapDeclare{iso-8859-8}{E5}{05D5}% HEBREW LETTER VAV  
 2369 \SE@MapDeclare{iso-8859-8}{E6}{05D6}% HEBREW LETTER ZAYIN  
 2370 \SE@MapDeclare{iso-8859-8}{E7}{05D7}% HEBREW LETTER HET  
 2371 \SE@MapDeclare{iso-8859-8}{E8}{05D8}% HEBREW LETTER TET  
 2372 \SE@MapDeclare{iso-8859-8}{E9}{05D9}% HEBREW LETTER YOD  
 2373 \SE@MapDeclare{iso-8859-8}{EA}{05DA}% HEBREW LETTER FINAL KAF  
 2374 \SE@MapDeclare{iso-8859-8}{EB}{05DB}% HEBREW LETTER KAF  
 2375 \SE@MapDeclare{iso-8859-8}{EC}{05DC}% HEBREW LETTER LAMED  
 2376 \SE@MapDeclare{iso-8859-8}{ED}{05DD}% HEBREW LETTER FINAL MEM  
 2377 \SE@MapDeclare{iso-8859-8}{EE}{05DE}% HEBREW LETTER MEM  
 2378 \SE@MapDeclare{iso-8859-8}{EF}{05DF}% HEBREW LETTER FINAL NUN  
 2379 \SE@MapDeclare{iso-8859-8}{F0}{05E0}% HEBREW LETTER NUN  
 2380 \SE@MapDeclare{iso-8859-8}{F1}{05E1}% HEBREW LETTER SAMEKH  
 2381 \SE@MapDeclare{iso-8859-8}{F2}{05E2}% HEBREW LETTER AYIN  
 2382 \SE@MapDeclare{iso-8859-8}{F3}{05E3}% HEBREW LETTER FINAL PE  
 2383 \SE@MapDeclare{iso-8859-8}{F4}{05E4}% HEBREW LETTER PE  
 2384 \SE@MapDeclare{iso-8859-8}{F5}{05E5}% HEBREW LETTER FINAL TSADI  
 2385 \SE@MapDeclare{iso-8859-8}{F6}{05E6}% HEBREW LETTER TSADI  
 2386 \SE@MapDeclare{iso-8859-8}{F7}{05E7}% HEBREW LETTER QOF  
 2387 \SE@MapDeclare{iso-8859-8}{F8}{05E8}% HEBREW LETTER RESH  
 2388 \SE@MapDeclare{iso-8859-8}{F9}{05E9}% HEBREW LETTER SHIN  
 2389 \SE@MapDeclare{iso-8859-8}{FA}{05EA}% HEBREW LETTER TAV  
 2390 \SE@MapDeclare{iso-8859-8}{FD}{200E}% LEFT-TO-RIGHT MARK  
 2391 \SE@MapDeclare{iso-8859-8}{FE}{200F}% RIGHT-TO-LEFT MARK  
 2392 (/iso-8859-8)

## iso-8859-9

2393 (\*iso-8859-9)  
 2394 \SE@MapDeclare{iso-8859-9}{A0}{00A0}% NO-BREAK SPACE  
 2395 \SE@MapDeclare{iso-8859-9}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 2396 \SE@MapDeclare{iso-8859-9}{A2}{00A2}% CENT SIGN  
 2397 \SE@MapDeclare{iso-8859-9}{A3}{00A3}% POUND SIGN  
 2398 \SE@MapDeclare{iso-8859-9}{A4}{00A4}% CURRENCY SIGN  
 2399 \SE@MapDeclare{iso-8859-9}{A5}{00A5}% YEN SIGN  
 2400 \SE@MapDeclare{iso-8859-9}{A6}{00A6}% BROKEN BAR  
 2401 \SE@MapDeclare{iso-8859-9}{A7}{00A7}% SECTION SIGN  
 2402 \SE@MapDeclare{iso-8859-9}{A8}{00A8}% DIAERESIS  
 2403 \SE@MapDeclare{iso-8859-9}{A9}{00A9}% COPYRIGHT SIGN  
 2404 \SE@MapDeclare{iso-8859-9}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
 2405 \SE@MapDeclare{iso-8859-9}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK

2406 \SE@MapDeclare{iso-8859-9}{AC}{00AC}% NOT SIGN  
 2407 \SE@MapDeclare{iso-8859-9}{AD}{00AD}% SOFT HYPHEN  
 2408 \SE@MapDeclare{iso-8859-9}{AE}{00AE}% REGISTERED SIGN  
 2409 \SE@MapDeclare{iso-8859-9}{AF}{00AF}% MACRON  
 2410 \SE@MapDeclare{iso-8859-9}{B0}{00B0}% DEGREE SIGN  
 2411 \SE@MapDeclare{iso-8859-9}{B1}{00B1}% PLUS-MINUS SIGN  
 2412 \SE@MapDeclare{iso-8859-9}{B2}{00B2}% SUPERScript TWO  
 2413 \SE@MapDeclare{iso-8859-9}{B3}{00B3}% SUPERScript THREE  
 2414 \SE@MapDeclare{iso-8859-9}{B4}{00B4}% ACUTE ACCENT  
 2415 \SE@MapDeclare{iso-8859-9}{B5}{00B5}% MICRO SIGN  
 2416 \SE@MapDeclare{iso-8859-9}{B6}{00B6}% PILCROW SIGN  
 2417 \SE@MapDeclare{iso-8859-9}{B7}{00B7}% MIDDLE DOT  
 2418 \SE@MapDeclare{iso-8859-9}{B8}{00B8}% CEDILLA  
 2419 \SE@MapDeclare{iso-8859-9}{B9}{00B9}% SUPERScript ONE  
 2420 \SE@MapDeclare{iso-8859-9}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
 2421 \SE@MapDeclare{iso-8859-9}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2422 \SE@MapDeclare{iso-8859-9}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2423 \SE@MapDeclare{iso-8859-9}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2424 \SE@MapDeclare{iso-8859-9}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2425 \SE@MapDeclare{iso-8859-9}{BF}{00BF}% INVERTED QUESTION MARK  
 2426 \SE@MapDeclare{iso-8859-9}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2427 \SE@MapDeclare{iso-8859-9}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2428 \SE@MapDeclare{iso-8859-9}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2429 \SE@MapDeclare{iso-8859-9}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2430 \SE@MapDeclare{iso-8859-9}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2431 \SE@MapDeclare{iso-8859-9}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2432 \SE@MapDeclare{iso-8859-9}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2433 \SE@MapDeclare{iso-8859-9}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2434 \SE@MapDeclare{iso-8859-9}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2435 \SE@MapDeclare{iso-8859-9}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2436 \SE@MapDeclare{iso-8859-9}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2437 \SE@MapDeclare{iso-8859-9}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2438 \SE@MapDeclare{iso-8859-9}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2439 \SE@MapDeclare{iso-8859-9}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2440 \SE@MapDeclare{iso-8859-9}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2441 \SE@MapDeclare{iso-8859-9}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2442 \SE@MapDeclare{iso-8859-9}{D0}{011E}% LATIN CAPITAL LETTER G WITH BREVE  
 2443 \SE@MapDeclare{iso-8859-9}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2444 \SE@MapDeclare{iso-8859-9}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2445 \SE@MapDeclare{iso-8859-9}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2446 \SE@MapDeclare{iso-8859-9}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2447 \SE@MapDeclare{iso-8859-9}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2448 \SE@MapDeclare{iso-8859-9}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2449 \SE@MapDeclare{iso-8859-9}{D7}{00D7}% MULTIPLICATION SIGN  
 2450 \SE@MapDeclare{iso-8859-9}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2451 \SE@MapDeclare{iso-8859-9}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2452 \SE@MapDeclare{iso-8859-9}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2453 \SE@MapDeclare{iso-8859-9}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2454 \SE@MapDeclare{iso-8859-9}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2455 \SE@MapDeclare{iso-8859-9}{DD}{0130}% LATIN CAPITAL LETTER I WITH DOT ABOVE  
 2456 \SE@MapDeclare{iso-8859-9}{DE}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 2457 \SE@MapDeclare{iso-8859-9}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2458 \SE@MapDeclare{iso-8859-9}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 2459 \SE@MapDeclare{iso-8859-9}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2460 \SE@MapDeclare{iso-8859-9}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2461 \SE@MapDeclare{iso-8859-9}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2462 \SE@MapDeclare{iso-8859-9}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2463 \SE@MapDeclare{iso-8859-9}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2464 \SE@MapDeclare{iso-8859-9}{E6}{00E6}% LATIN SMALL LETTER AE  
 2465 \SE@MapDeclare{iso-8859-9}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 2466 \SE@MapDeclare{iso-8859-9}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 2467 \SE@MapDeclare{iso-8859-9}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2468 \SE@MapDeclare{iso-8859-9}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 2469 \SE@MapDeclare{iso-8859-9}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2470 \SE@MapDeclare{iso-8859-9}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 2471 \SE@MapDeclare{iso-8859-9}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2472 \SE@MapDeclare{iso-8859-9}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2473 \SE@MapDeclare{iso-8859-9}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2474 \SE@MapDeclare{iso-8859-9}{F0}{011F}% LATIN SMALL LETTER G WITH BREVE  
 2475 \SE@MapDeclare{iso-8859-9}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 2476 \SE@MapDeclare{iso-8859-9}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 2477 \SE@MapDeclare{iso-8859-9}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2478 \SE@MapDeclare{iso-8859-9}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2479 \SE@MapDeclare{iso-8859-9}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2480 \SE@MapDeclare{iso-8859-9}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2481 \SE@MapDeclare{iso-8859-9}{F7}{00F7}% DIVISION SIGN  
 2482 \SE@MapDeclare{iso-8859-9}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2483 \SE@MapDeclare{iso-8859-9}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2484 \SE@MapDeclare{iso-8859-9}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2485 \SE@MapDeclare{iso-8859-9}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2486 \SE@MapDeclare{iso-8859-9}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2487 \SE@MapDeclare{iso-8859-9}{FD}{0131}% LATIN SMALL LETTER DOTLESS I  
 2488 \SE@MapDeclare{iso-8859-9}{FE}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 2489 \SE@MapDeclare{iso-8859-9}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2490 (/iso-8859-9)

## iso-8859-10

2491 (\*iso-8859-10)  
2492 \SE@MapDeclare{iso-8859-10}{A0}{00A0}% NO-BREAK SPACE  
2493 \SE@MapDeclare{iso-8859-10}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
2494 \SE@MapDeclare{iso-8859-10}{A2}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
2495 \SE@MapDeclare{iso-8859-10}{A3}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
2496 \SE@MapDeclare{iso-8859-10}{A4}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
2497 \SE@MapDeclare{iso-8859-10}{A5}{0128}% LATIN CAPITAL LETTER I WITH TILDE  
2498 \SE@MapDeclare{iso-8859-10}{A6}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
2499 \SE@MapDeclare{iso-8859-10}{A7}{00A7}% SECTION SIGN  
2500 \SE@MapDeclare{iso-8859-10}{A8}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
2501 \SE@MapDeclare{iso-8859-10}{A9}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
2502 \SE@MapDeclare{iso-8859-10}{AA}{0160}% LATIN CAPITAL LETTER S WITH CARON  
2503 \SE@MapDeclare{iso-8859-10}{AB}{0166}% LATIN CAPITAL LETTER T WITH STROKE  
2504 \SE@MapDeclare{iso-8859-10}{AC}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
2505 \SE@MapDeclare{iso-8859-10}{AD}{00AD}% SOFT HYPHEN  
2506 \SE@MapDeclare{iso-8859-10}{AE}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
2507 \SE@MapDeclare{iso-8859-10}{AF}{014A}% LATIN CAPITAL LETTER ENG  
2508 \SE@MapDeclare{iso-8859-10}{B0}{00B0}% DEGREE SIGN  
2509 \SE@MapDeclare{iso-8859-10}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
2510 \SE@MapDeclare{iso-8859-10}{B2}{0113}% LATIN SMALL LETTER E WITH MACRON  
2511 \SE@MapDeclare{iso-8859-10}{B3}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
2512 \SE@MapDeclare{iso-8859-10}{B4}{012B}% LATIN SMALL LETTER I WITH MACRON  
2513 \SE@MapDeclare{iso-8859-10}{B5}{0129}% LATIN SMALL LETTER I WITH TILDE  
2514 \SE@MapDeclare{iso-8859-10}{B6}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
2515 \SE@MapDeclare{iso-8859-10}{B7}{00B7}% MIDDLE DOT  
2516 \SE@MapDeclare{iso-8859-10}{B8}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
2517 \SE@MapDeclare{iso-8859-10}{B9}{0111}% LATIN SMALL LETTER D WITH STROKE  
2518 \SE@MapDeclare{iso-8859-10}{BA}{0161}% LATIN SMALL LETTER S WITH CARON  
2519 \SE@MapDeclare{iso-8859-10}{BB}{0167}% LATIN SMALL LETTER T WITH STROKE  
2520 \SE@MapDeclare{iso-8859-10}{BC}{017E}% LATIN SMALL LETTER Z WITH CARON  
2521 \SE@MapDeclare{iso-8859-10}{BD}{2015}% HORIZONTAL BAR  
2522 \SE@MapDeclare{iso-8859-10}{BE}{016B}% LATIN SMALL LETTER U WITH MACRON  
2523 \SE@MapDeclare{iso-8859-10}{BF}{014B}% LATIN SMALL LETTER ENG  
2524 \SE@MapDeclare{iso-8859-10}{C0}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
2525 \SE@MapDeclare{iso-8859-10}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
2526 \SE@MapDeclare{iso-8859-10}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
2527 \SE@MapDeclare{iso-8859-10}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
2528 \SE@MapDeclare{iso-8859-10}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
2529 \SE@MapDeclare{iso-8859-10}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
2530 \SE@MapDeclare{iso-8859-10}{C6}{00C6}% LATIN CAPITAL LETTER AE  
2531 \SE@MapDeclare{iso-8859-10}{C7}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
2532 \SE@MapDeclare{iso-8859-10}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
2533 \SE@MapDeclare{iso-8859-10}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
2534 \SE@MapDeclare{iso-8859-10}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
2535 \SE@MapDeclare{iso-8859-10}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
2536 \SE@MapDeclare{iso-8859-10}{CC}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
2537 \SE@MapDeclare{iso-8859-10}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
2538 \SE@MapDeclare{iso-8859-10}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
2539 \SE@MapDeclare{iso-8859-10}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
2540 \SE@MapDeclare{iso-8859-10}{D0}{00D0}% LATIN CAPITAL LETTER ETH (Icelandic)  
2541 \SE@MapDeclare{iso-8859-10}{D1}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
2542 \SE@MapDeclare{iso-8859-10}{D2}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
2543 \SE@MapDeclare{iso-8859-10}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
2544 \SE@MapDeclare{iso-8859-10}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
2545 \SE@MapDeclare{iso-8859-10}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
2546 \SE@MapDeclare{iso-8859-10}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
2547 \SE@MapDeclare{iso-8859-10}{D7}{0168}% LATIN CAPITAL LETTER U WITH TILDE  
2548 \SE@MapDeclare{iso-8859-10}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
2549 \SE@MapDeclare{iso-8859-10}{D9}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
2550 \SE@MapDeclare{iso-8859-10}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
2551 \SE@MapDeclare{iso-8859-10}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2552 \SE@MapDeclare{iso-8859-10}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2553 \SE@MapDeclare{iso-8859-10}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
2554 \SE@MapDeclare{iso-8859-10}{DE}{00DE}% LATIN CAPITAL LETTER THORN (Icelandic)  
2555 \SE@MapDeclare{iso-8859-10}{DF}{00DF}% LATIN SMALL LETTER SHARP S (German)  
2556 \SE@MapDeclare{iso-8859-10}{E0}{0101}% LATIN SMALL LETTER A WITH MACRON  
2557 \SE@MapDeclare{iso-8859-10}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2558 \SE@MapDeclare{iso-8859-10}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2559 \SE@MapDeclare{iso-8859-10}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
2560 \SE@MapDeclare{iso-8859-10}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2561 \SE@MapDeclare{iso-8859-10}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
2562 \SE@MapDeclare{iso-8859-10}{E6}{00E6}% LATIN SMALL LETTER AE  
2563 \SE@MapDeclare{iso-8859-10}{E7}{012F}% LATIN SMALL LETTER I WITH OGONEK  
2564 \SE@MapDeclare{iso-8859-10}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
2565 \SE@MapDeclare{iso-8859-10}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
2566 \SE@MapDeclare{iso-8859-10}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
2567 \SE@MapDeclare{iso-8859-10}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
2568 \SE@MapDeclare{iso-8859-10}{EC}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
2569 \SE@MapDeclare{iso-8859-10}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
2570 \SE@MapDeclare{iso-8859-10}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
2571 \SE@MapDeclare{iso-8859-10}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
2572 \SE@MapDeclare{iso-8859-10}{F0}{00F0}% LATIN SMALL LETTER ETH (Icelandic)  
2573 \SE@MapDeclare{iso-8859-10}{F1}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
2574 \SE@MapDeclare{iso-8859-10}{F2}{014D}% LATIN SMALL LETTER O WITH MACRON

2575 \SE@MapDeclare{iso-8859-10}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2576 \SE@MapDeclare{iso-8859-10}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2577 \SE@MapDeclare{iso-8859-10}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2578 \SE@MapDeclare{iso-8859-10}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2579 \SE@MapDeclare{iso-8859-10}{F7}{0169}% LATIN SMALL LETTER U WITH TILDE  
 2580 \SE@MapDeclare{iso-8859-10}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2581 \SE@MapDeclare{iso-8859-10}{F9}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2582 \SE@MapDeclare{iso-8859-10}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2583 \SE@MapDeclare{iso-8859-10}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2584 \SE@MapDeclare{iso-8859-10}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2585 \SE@MapDeclare{iso-8859-10}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2586 \SE@MapDeclare{iso-8859-10}{FE}{00FE}% LATIN SMALL LETTER THORN (Icelandic)  
 2587 \SE@MapDeclare{iso-8859-10}{FF}{0138}% LATIN SMALL LETTER KRA  
 2588 (/iso-8859-10)

## iso-8859-11

2589 (\*iso-8859-11)  
 2590 \SE@MapDeclare{iso-8859-11}{A0}{00A0}% NO-BREAK SPACE  
 2591 \SE@MapDeclare{iso-8859-11}{A1}{0E01}% THAI CHARACTER KO KAI  
 2592 \SE@MapDeclare{iso-8859-11}{A2}{0E02}% THAI CHARACTER KHO KHAI  
 2593 \SE@MapDeclare{iso-8859-11}{A3}{0E03}% THAI CHARACTER KHO KHUAT  
 2594 \SE@MapDeclare{iso-8859-11}{A4}{0E04}% THAI CHARACTER KHO KHWAI  
 2595 \SE@MapDeclare{iso-8859-11}{A5}{0E05}% THAI CHARACTER KHO KHON  
 2596 \SE@MapDeclare{iso-8859-11}{A6}{0E06}% THAI CHARACTER KHO RAKHANG  
 2597 \SE@MapDeclare{iso-8859-11}{A7}{0E07}% THAI CHARACTER NGO NGU  
 2598 \SE@MapDeclare{iso-8859-11}{A8}{0E08}% THAI CHARACTER CHO CHAN  
 2599 \SE@MapDeclare{iso-8859-11}{A9}{0E09}% THAI CHARACTER CHO CHING  
 2600 \SE@MapDeclare{iso-8859-11}{AA}{0E0A}% THAI CHARACTER CHO CHANG  
 2601 \SE@MapDeclare{iso-8859-11}{AB}{0E0B}% THAI CHARACTER SO SO  
 2602 \SE@MapDeclare{iso-8859-11}{AC}{0E0C}% THAI CHARACTER CHO CHOE  
 2603 \SE@MapDeclare{iso-8859-11}{AD}{0E0D}% THAI CHARACTER YO YING  
 2604 \SE@MapDeclare{iso-8859-11}{AE}{0E0E}% THAI CHARACTER DO CHADA  
 2605 \SE@MapDeclare{iso-8859-11}{AF}{0E0F}% THAI CHARACTER TO PATAK  
 2606 \SE@MapDeclare{iso-8859-11}{B0}{0E10}% THAI CHARACTER THO THAN  
 2607 \SE@MapDeclare{iso-8859-11}{B1}{0E11}% THAI CHARACTER THO NANGMONTHO  
 2608 \SE@MapDeclare{iso-8859-11}{B2}{0E12}% THAI CHARACTER THO PHUTHAO  
 2609 \SE@MapDeclare{iso-8859-11}{B3}{0E13}% THAI CHARACTER NO NEN  
 2610 \SE@MapDeclare{iso-8859-11}{B4}{0E14}% THAI CHARACTER DO DEK  
 2611 \SE@MapDeclare{iso-8859-11}{B5}{0E15}% THAI CHARACTER TO TAO  
 2612 \SE@MapDeclare{iso-8859-11}{B6}{0E16}% THAI CHARACTER THO THUNG  
 2613 \SE@MapDeclare{iso-8859-11}{B7}{0E17}% THAI CHARACTER THO THAHAN  
 2614 \SE@MapDeclare{iso-8859-11}{B8}{0E18}% THAI CHARACTER THO THONG  
 2615 \SE@MapDeclare{iso-8859-11}{B9}{0E19}% THAI CHARACTER NO NU  
 2616 \SE@MapDeclare{iso-8859-11}{BA}{0E1A}% THAI CHARACTER BO BAIMAI  
 2617 \SE@MapDeclare{iso-8859-11}{BB}{0E1B}% THAI CHARACTER PO PLA  
 2618 \SE@MapDeclare{iso-8859-11}{BC}{0E1C}% THAI CHARACTER PHO PHUNG  
 2619 \SE@MapDeclare{iso-8859-11}{BD}{0E1D}% THAI CHARACTER FO FA  
 2620 \SE@MapDeclare{iso-8859-11}{BE}{0E1E}% THAI CHARACTER PHO PHAN  
 2621 \SE@MapDeclare{iso-8859-11}{BF}{0E1F}% THAI CHARACTER FO FAN  
 2622 \SE@MapDeclare{iso-8859-11}{C0}{0E20}% THAI CHARACTER PHO SAMPHAO  
 2623 \SE@MapDeclare{iso-8859-11}{C1}{0E21}% THAI CHARACTER MO MA  
 2624 \SE@MapDeclare{iso-8859-11}{C2}{0E22}% THAI CHARACTER YO YAK  
 2625 \SE@MapDeclare{iso-8859-11}{C3}{0E23}% THAI CHARACTER RO RUA  
 2626 \SE@MapDeclare{iso-8859-11}{C4}{0E24}% THAI CHARACTER RU  
 2627 \SE@MapDeclare{iso-8859-11}{C5}{0E25}% THAI CHARACTER LO LING  
 2628 \SE@MapDeclare{iso-8859-11}{C6}{0E26}% THAI CHARACTER LU  
 2629 \SE@MapDeclare{iso-8859-11}{C7}{0E27}% THAI CHARACTER WO WAEN  
 2630 \SE@MapDeclare{iso-8859-11}{C8}{0E28}% THAI CHARACTER SO SALA  
 2631 \SE@MapDeclare{iso-8859-11}{C9}{0E29}% THAI CHARACTER SO RUSI  
 2632 \SE@MapDeclare{iso-8859-11}{CA}{0E2A}% THAI CHARACTER SO SUA  
 2633 \SE@MapDeclare{iso-8859-11}{CB}{0E2B}% THAI CHARACTER HO HIP  
 2634 \SE@MapDeclare{iso-8859-11}{CC}{0E2C}% THAI CHARACTER LO CHULA  
 2635 \SE@MapDeclare{iso-8859-11}{CD}{0E2D}% THAI CHARACTER O ANG  
 2636 \SE@MapDeclare{iso-8859-11}{CE}{0E2E}% THAI CHARACTER HO NOKHUK  
 2637 \SE@MapDeclare{iso-8859-11}{CF}{0E2F}% THAI CHARACTER PAIYANNOI  
 2638 \SE@MapDeclare{iso-8859-11}{D0}{0E30}% THAI CHARACTER SARA A  
 2639 \SE@MapDeclare{iso-8859-11}{D1}{0E31}% THAI CHARACTER MAI HAN-AKAT  
 2640 \SE@MapDeclare{iso-8859-11}{D2}{0E32}% THAI CHARACTER SARA AA  
 2641 \SE@MapDeclare{iso-8859-11}{D3}{0E33}% THAI CHARACTER SARA AM  
 2642 \SE@MapDeclare{iso-8859-11}{D4}{0E34}% THAI CHARACTER SARA I  
 2643 \SE@MapDeclare{iso-8859-11}{D5}{0E35}% THAI CHARACTER SARA II  
 2644 \SE@MapDeclare{iso-8859-11}{D6}{0E36}% THAI CHARACTER SARA UE  
 2645 \SE@MapDeclare{iso-8859-11}{D7}{0E37}% THAI CHARACTER SARA UEE  
 2646 \SE@MapDeclare{iso-8859-11}{D8}{0E38}% THAI CHARACTER SARA U  
 2647 \SE@MapDeclare{iso-8859-11}{D9}{0E39}% THAI CHARACTER SARA UU  
 2648 \SE@MapDeclare{iso-8859-11}{DA}{0E3A}% THAI CHARACTER PHINTHU  
 2649 \SE@MapDeclare{iso-8859-11}{DF}{0E3F}% THAI CURRENCY SYMBOL BAHT  
 2650 \SE@MapDeclare{iso-8859-11}{E0}{0E40}% THAI CHARACTER SARA E  
 2651 \SE@MapDeclare{iso-8859-11}{E1}{0E41}% THAI CHARACTER SARA AE  
 2652 \SE@MapDeclare{iso-8859-11}{E2}{0E42}% THAI CHARACTER SARA O  
 2653 \SE@MapDeclare{iso-8859-11}{E3}{0E43}% THAI CHARACTER SARA AI MAIMUAN  
 2654 \SE@MapDeclare{iso-8859-11}{E4}{0E44}% THAI CHARACTER SARA AI MAIMALAI  
 2655 \SE@MapDeclare{iso-8859-11}{E5}{0E45}% THAI CHARACTER LAKKHANGYAO  
 2656 \SE@MapDeclare{iso-8859-11}{E6}{0E46}% THAI CHARACTER MAIYAMOK

2657 \SE@MapDeclare{iso-8859-11}{E7}{0E47}% THAI CHARACTER MAITAIKHU  
 2658 \SE@MapDeclare{iso-8859-11}{E8}{0E48}% THAI CHARACTER MAI EK  
 2659 \SE@MapDeclare{iso-8859-11}{E9}{0E49}% THAI CHARACTER MAI THO  
 2660 \SE@MapDeclare{iso-8859-11}{EA}{0E4A}% THAI CHARACTER MAI TRI  
 2661 \SE@MapDeclare{iso-8859-11}{EB}{0E4B}% THAI CHARACTER MAI CHATTAWA  
 2662 \SE@MapDeclare{iso-8859-11}{EC}{0E4C}% THAI CHARACTER THANTHAKHAT  
 2663 \SE@MapDeclare{iso-8859-11}{ED}{0E4D}% THAI CHARACTER NIKHAHIT  
 2664 \SE@MapDeclare{iso-8859-11}{EE}{0E4E}% THAI CHARACTER YAMAKKAN  
 2665 \SE@MapDeclare{iso-8859-11}{EF}{0E4F}% THAI CHARACTER FONGMAN  
 2666 \SE@MapDeclare{iso-8859-11}{F0}{0E50}% THAI DIGIT ZERO  
 2667 \SE@MapDeclare{iso-8859-11}{F1}{0E51}% THAI DIGIT ONE  
 2668 \SE@MapDeclare{iso-8859-11}{F2}{0E52}% THAI DIGIT TWO  
 2669 \SE@MapDeclare{iso-8859-11}{F3}{0E53}% THAI DIGIT THREE  
 2670 \SE@MapDeclare{iso-8859-11}{F4}{0E54}% THAI DIGIT FOUR  
 2671 \SE@MapDeclare{iso-8859-11}{F5}{0E55}% THAI DIGIT FIVE  
 2672 \SE@MapDeclare{iso-8859-11}{F6}{0E56}% THAI DIGIT SIX  
 2673 \SE@MapDeclare{iso-8859-11}{F7}{0E57}% THAI DIGIT SEVEN  
 2674 \SE@MapDeclare{iso-8859-11}{F8}{0E58}% THAI DIGIT EIGHT  
 2675 \SE@MapDeclare{iso-8859-11}{F9}{0E59}% THAI DIGIT NINE  
 2676 \SE@MapDeclare{iso-8859-11}{FA}{0E5A}% THAI CHARACTER ANGKHANKHU  
 2677 \SE@MapDeclare{iso-8859-11}{FB}{0E5B}% THAI CHARACTER KHOMUT  
 2678 \SE@MapDeclare{iso-8859-11}{}

### iso-8859-13

2679 (\*iso-8859-13)  
 2680 \SE@MapDeclare{iso-8859-13}{A0}{00A0}% NO-BREAK SPACE  
 2681 \SE@MapDeclare{iso-8859-13}{A1}{201D}% RIGHT DOUBLE QUOTATION MARK  
 2682 \SE@MapDeclare{iso-8859-13}{A2}{00A2}% CENT SIGN  
 2683 \SE@MapDeclare{iso-8859-13}{A3}{00A3}% POUND SIGN  
 2684 \SE@MapDeclare{iso-8859-13}{A4}{00A4}% CURRENCY SIGN  
 2685 \SE@MapDeclare{iso-8859-13}{A5}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 2686 \SE@MapDeclare{iso-8859-13}{A6}{00A6}% BROKEN BAR  
 2687 \SE@MapDeclare{iso-8859-13}{A7}{00A7}% SECTION SIGN  
 2688 \SE@MapDeclare{iso-8859-13}{A8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2689 \SE@MapDeclare{iso-8859-13}{A9}{00A9}% COPYRIGHT SIGN  
 2690 \SE@MapDeclare{iso-8859-13}{AA}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 2691 \SE@MapDeclare{iso-8859-13}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2692 \SE@MapDeclare{iso-8859-13}{AC}{00AC}% NOT SIGN  
 2693 \SE@MapDeclare{iso-8859-13}{AD}{00AD}% SOFT HYPHEN  
 2694 \SE@MapDeclare{iso-8859-13}{AE}{00AE}% REGISTERED SIGN  
 2695 \SE@MapDeclare{iso-8859-13}{AF}{00CF}% LATIN CAPITAL LETTER AE  
 2696 \SE@MapDeclare{iso-8859-13}{B0}{00B0}% DEGREE SIGN  
 2697 \SE@MapDeclare{iso-8859-13}{B1}{00B1}% PLUS-MINUS SIGN  
 2698 \SE@MapDeclare{iso-8859-13}{B2}{00B2}% SUPERSCRIFT TWO  
 2699 \SE@MapDeclare{iso-8859-13}{B3}{00B3}% SUPERSCRIFT THREE  
 2700 \SE@MapDeclare{iso-8859-13}{B4}{201C}% LEFT DOUBLE QUOTATION MARK  
 2701 \SE@MapDeclare{iso-8859-13}{B5}{00B5}% MICRO SIGN  
 2702 \SE@MapDeclare{iso-8859-13}{B6}{00B6}% PILCROW SIGN  
 2703 \SE@MapDeclare{iso-8859-13}{B7}{00B7}% MIDDLE DOT  
 2704 \SE@MapDeclare{iso-8859-13}{B8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2705 \SE@MapDeclare{iso-8859-13}{B9}{00B9}% SUPERSCRIFT ONE  
 2706 \SE@MapDeclare{iso-8859-13}{BA}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 2707 \SE@MapDeclare{iso-8859-13}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2708 \SE@MapDeclare{iso-8859-13}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2709 \SE@MapDeclare{iso-8859-13}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2710 \SE@MapDeclare{iso-8859-13}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2711 \SE@MapDeclare{iso-8859-13}{BF}{00BF}% LATIN SMALL LETTER AE  
 2712 \SE@MapDeclare{iso-8859-13}{C0}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2713 \SE@MapDeclare{iso-8859-13}{C1}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 2714 \SE@MapDeclare{iso-8859-13}{C2}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 2715 \SE@MapDeclare{iso-8859-13}{C3}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 2716 \SE@MapDeclare{iso-8859-13}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2717 \SE@MapDeclare{iso-8859-13}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2718 \SE@MapDeclare{iso-8859-13}{C6}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 2719 \SE@MapDeclare{iso-8859-13}{C7}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 2720 \SE@MapDeclare{iso-8859-13}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2721 \SE@MapDeclare{iso-8859-13}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2722 \SE@MapDeclare{iso-8859-13}{CA}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 2723 \SE@MapDeclare{iso-8859-13}{CB}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 2724 \SE@MapDeclare{iso-8859-13}{CC}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 2725 \SE@MapDeclare{iso-8859-13}{CD}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 2726 \SE@MapDeclare{iso-8859-13}{CE}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 2727 \SE@MapDeclare{iso-8859-13}{CF}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 2728 \SE@MapDeclare{iso-8859-13}{D0}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2729 \SE@MapDeclare{iso-8859-13}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 2730 \SE@MapDeclare{iso-8859-13}{D2}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 2731 \SE@MapDeclare{iso-8859-13}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2732 \SE@MapDeclare{iso-8859-13}{D4}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 2733 \SE@MapDeclare{iso-8859-13}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2734 \SE@MapDeclare{iso-8859-13}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2735 \SE@MapDeclare{iso-8859-13}{D7}{00D7}% MULTIPLICATION SIGN  
 2736 \SE@MapDeclare{iso-8859-13}{D8}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 2737 \SE@MapDeclare{iso-8859-13}{D9}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 2738 \SE@MapDeclare{iso-8859-13}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE

2739 \SE@MapDeclare{iso-8859-13}{DB}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 2740 \SE@MapDeclare{iso-8859-13}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2741 \SE@MapDeclare{iso-8859-13}{DD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 2742 \SE@MapDeclare{iso-8859-13}{DE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2743 \SE@MapDeclare{iso-8859-13}{DF}{00DF}% LATIN SMALL LETTER SHARP S (German)  
 2744 \SE@MapDeclare{iso-8859-13}{E0}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2745 \SE@MapDeclare{iso-8859-13}{E1}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 2746 \SE@MapDeclare{iso-8859-13}{E2}{0101}% LATIN SMALL LETTER A WITH MACRON  
 2747 \SE@MapDeclare{iso-8859-13}{E3}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 2748 \SE@MapDeclare{iso-8859-13}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2749 \SE@MapDeclare{iso-8859-13}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2750 \SE@MapDeclare{iso-8859-13}{E6}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 2751 \SE@MapDeclare{iso-8859-13}{E7}{0113}% LATIN SMALL LETTER E WITH MACRON  
 2752 \SE@MapDeclare{iso-8859-13}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 2753 \SE@MapDeclare{iso-8859-13}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2754 \SE@MapDeclare{iso-8859-13}{EA}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 2755 \SE@MapDeclare{iso-8859-13}{EB}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 2756 \SE@MapDeclare{iso-8859-13}{EC}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 2757 \SE@MapDeclare{iso-8859-13}{ED}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2758 \SE@MapDeclare{iso-8859-13}{EE}{012B}% LATIN SMALL LETTER I WITH MACRON  
 2759 \SE@MapDeclare{iso-8859-13}{EF}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 2760 \SE@MapDeclare{iso-8859-13}{F0}{0161}% LATIN SMALL LETTER S WITH CARON  
 2761 \SE@MapDeclare{iso-8859-13}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 2762 \SE@MapDeclare{iso-8859-13}{F2}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 2763 \SE@MapDeclare{iso-8859-13}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2764 \SE@MapDeclare{iso-8859-13}{F4}{014D}% LATIN SMALL LETTER O WITH MACRON  
 2765 \SE@MapDeclare{iso-8859-13}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2766 \SE@MapDeclare{iso-8859-13}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2767 \SE@MapDeclare{iso-8859-13}{F7}{00F7}% DIVISION SIGN  
 2768 \SE@MapDeclare{iso-8859-13}{F8}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2769 \SE@MapDeclare{iso-8859-13}{F9}{0142}% LATIN SMALL LETTER L WITH STROKE  
 2770 \SE@MapDeclare{iso-8859-13}{FA}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 2771 \SE@MapDeclare{iso-8859-13}{FB}{016B}% LATIN SMALL LETTER U WITH MACRON  
 2772 \SE@MapDeclare{iso-8859-13}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2773 \SE@MapDeclare{iso-8859-13}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 2774 \SE@MapDeclare{iso-8859-13}{FE}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2775 \SE@MapDeclare{iso-8859-13}{FF}{2019}% RIGHT SINGLE QUOTATION MARK  
 2776 </iso-8859-13>

## iso-8859-14

2777 <\*iso-8859-14>  
 2778 \SE@MapDeclare{iso-8859-14}{A0}{00A0}% NO-BREAK SPACE  
 2779 \SE@MapDeclare{iso-8859-14}{A1}{1E02}% LATIN CAPITAL LETTER B WITH DOT ABOVE  
 2780 \SE@MapDeclare{iso-8859-14}{A2}{1E03}% LATIN SMALL LETTER B WITH DOT ABOVE  
 2781 \SE@MapDeclare{iso-8859-14}{A3}{00A3}% POUND SIGN  
 2782 \SE@MapDeclare{iso-8859-14}{A4}{010A}% LATIN CAPITAL LETTER C WITH DOT ABOVE  
 2783 \SE@MapDeclare{iso-8859-14}{A5}{010B}% LATIN SMALL LETTER C WITH DOT ABOVE  
 2784 \SE@MapDeclare{iso-8859-14}{A6}{1E0A}% LATIN CAPITAL LETTER D WITH DOT ABOVE  
 2785 \SE@MapDeclare{iso-8859-14}{A7}{00A7}% SECTION SIGN  
 2786 \SE@MapDeclare{iso-8859-14}{A8}{1E80}% LATIN CAPITAL LETTER W WITH GRAVE  
 2787 \SE@MapDeclare{iso-8859-14}{A9}{00A9}% COPYRIGHT SIGN  
 2788 \SE@MapDeclare{iso-8859-14}{AA}{1E82}% LATIN CAPITAL LETTER W WITH ACUTE  
 2789 \SE@MapDeclare{iso-8859-14}{AB}{1E0B}% LATIN SMALL LETTER D WITH DOT ABOVE  
 2790 \SE@MapDeclare{iso-8859-14}{AC}{1EF2}% LATIN CAPITAL LETTER Y WITH GRAVE  
 2791 \SE@MapDeclare{iso-8859-14}{AD}{00AD}% SOFT HYPHEN  
 2792 \SE@MapDeclare{iso-8859-14}{AE}{00AE}% REGISTERED SIGN  
 2793 \SE@MapDeclare{iso-8859-14}{AF}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 2794 \SE@MapDeclare{iso-8859-14}{B0}{1E1E}% LATIN CAPITAL LETTER F WITH DOT ABOVE  
 2795 \SE@MapDeclare{iso-8859-14}{B1}{1E1F}% LATIN SMALL LETTER F WITH DOT ABOVE  
 2796 \SE@MapDeclare{iso-8859-14}{B2}{0120}% LATIN CAPITAL LETTER G WITH DOT ABOVE  
 2797 \SE@MapDeclare{iso-8859-14}{B3}{0121}% LATIN SMALL LETTER G WITH DOT ABOVE  
 2798 \SE@MapDeclare{iso-8859-14}{B4}{1E40}% LATIN CAPITAL LETTER M WITH DOT ABOVE  
 2799 \SE@MapDeclare{iso-8859-14}{B5}{1E41}% LATIN SMALL LETTER M WITH DOT ABOVE  
 2800 \SE@MapDeclare{iso-8859-14}{B6}{00B6}% PILCROW SIGN  
 2801 \SE@MapDeclare{iso-8859-14}{B7}{1E56}% LATIN CAPITAL LETTER P WITH DOT ABOVE  
 2802 \SE@MapDeclare{iso-8859-14}{B8}{1E81}% LATIN SMALL LETTER W WITH GRAVE  
 2803 \SE@MapDeclare{iso-8859-14}{B9}{1E57}% LATIN SMALL LETTER P WITH DOT ABOVE  
 2804 \SE@MapDeclare{iso-8859-14}{BA}{1E83}% LATIN SMALL LETTER W WITH ACUTE  
 2805 \SE@MapDeclare{iso-8859-14}{BB}{1E60}% LATIN CAPITAL LETTER S WITH DOT ABOVE  
 2806 \SE@MapDeclare{iso-8859-14}{BC}{1EF3}% LATIN SMALL LETTER Y WITH GRAVE  
 2807 \SE@MapDeclare{iso-8859-14}{BD}{1E84}% LATIN CAPITAL LETTER W WITH DIAERESIS  
 2808 \SE@MapDeclare{iso-8859-14}{BE}{1E85}% LATIN SMALL LETTER W WITH DIAERESIS  
 2809 \SE@MapDeclare{iso-8859-14}{BF}{1E61}% LATIN SMALL LETTER S WITH DOT ABOVE  
 2810 \SE@MapDeclare{iso-8859-14}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2811 \SE@MapDeclare{iso-8859-14}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2812 \SE@MapDeclare{iso-8859-14}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2813 \SE@MapDeclare{iso-8859-14}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2814 \SE@MapDeclare{iso-8859-14}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2815 \SE@MapDeclare{iso-8859-14}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2816 \SE@MapDeclare{iso-8859-14}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2817 \SE@MapDeclare{iso-8859-14}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2818 \SE@MapDeclare{iso-8859-14}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2819 \SE@MapDeclare{iso-8859-14}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2820 \SE@MapDeclare{iso-8859-14}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX

2821 \SE@MapDeclare{iso-8859-14}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
2822 \SE@MapDeclare{iso-8859-14}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
2823 \SE@MapDeclare{iso-8859-14}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
2824 \SE@MapDeclare{iso-8859-14}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
2825 \SE@MapDeclare{iso-8859-14}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
2826 \SE@MapDeclare{iso-8859-14}{D0}{0174}% LATIN CAPITAL LETTER W WITH CIRCUMFLEX  
2827 \SE@MapDeclare{iso-8859-14}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
2828 \SE@MapDeclare{iso-8859-14}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
2829 \SE@MapDeclare{iso-8859-14}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
2830 \SE@MapDeclare{iso-8859-14}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
2831 \SE@MapDeclare{iso-8859-14}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
2832 \SE@MapDeclare{iso-8859-14}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
2833 \SE@MapDeclare{iso-8859-14}{D7}{1E6A}% LATIN CAPITAL LETTER T WITH DOT ABOVE  
2834 \SE@MapDeclare{iso-8859-14}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
2835 \SE@MapDeclare{iso-8859-14}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
2836 \SE@MapDeclare{iso-8859-14}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
2837 \SE@MapDeclare{iso-8859-14}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2838 \SE@MapDeclare{iso-8859-14}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2839 \SE@MapDeclare{iso-8859-14}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
2840 \SE@MapDeclare{iso-8859-14}{DE}{0176}% LATIN CAPITAL LETTER Y WITH CIRCUMFLEX  
2841 \SE@MapDeclare{iso-8859-14}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
2842 \SE@MapDeclare{iso-8859-14}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
2843 \SE@MapDeclare{iso-8859-14}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2844 \SE@MapDeclare{iso-8859-14}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2845 \SE@MapDeclare{iso-8859-14}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
2846 \SE@MapDeclare{iso-8859-14}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2847 \SE@MapDeclare{iso-8859-14}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
2848 \SE@MapDeclare{iso-8859-14}{E6}{00E6}% LATIN SMALL LETTER AE  
2849 \SE@MapDeclare{iso-8859-14}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
2850 \SE@MapDeclare{iso-8859-14}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
2851 \SE@MapDeclare{iso-8859-14}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
2852 \SE@MapDeclare{iso-8859-14}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
2853 \SE@MapDeclare{iso-8859-14}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
2854 \SE@MapDeclare{iso-8859-14}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
2855 \SE@MapDeclare{iso-8859-14}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
2856 \SE@MapDeclare{iso-8859-14}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
2857 \SE@MapDeclare{iso-8859-14}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
2858 \SE@MapDeclare{iso-8859-14}{F0}{0175}% LATIN SMALL LETTER W WITH CIRCUMFLEX  
2859 \SE@MapDeclare{iso-8859-14}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
2860 \SE@MapDeclare{iso-8859-14}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
2861 \SE@MapDeclare{iso-8859-14}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
2862 \SE@MapDeclare{iso-8859-14}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
2863 \SE@MapDeclare{iso-8859-14}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
2864 \SE@MapDeclare{iso-8859-14}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
2865 \SE@MapDeclare{iso-8859-14}{F7}{1E6B}% LATIN SMALL LETTER T WITH DOT ABOVE  
2866 \SE@MapDeclare{iso-8859-14}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
2867 \SE@MapDeclare{iso-8859-14}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
2868 \SE@MapDeclare{iso-8859-14}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
2869 \SE@MapDeclare{iso-8859-14}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
2870 \SE@MapDeclare{iso-8859-14}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
2871 \SE@MapDeclare{iso-8859-14}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
2872 \SE@MapDeclare{iso-8859-14}{FE}{0177}% LATIN SMALL LETTER Y WITH CIRCUMFLEX  
2873 \SE@MapDeclare{iso-8859-14}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
2874 (/iso-8859-14)

## iso-8859-15

2875 (\*iso-8859-15)  
2876 \SE@MapDeclare{iso-8859-15}{A0}{00A0}% NO-BREAK SPACE  
2877 \SE@MapDeclare{iso-8859-15}{A1}{00A1}% INVERTED EXCLAMATION MARK  
2878 \SE@MapDeclare{iso-8859-15}{A2}{00A2}% CENT SIGN  
2879 \SE@MapDeclare{iso-8859-15}{A3}{00A3}% POUND SIGN  
2880 \SE@MapDeclare{iso-8859-15}{A4}{20AC}% EURO SIGN  
2881 \SE@MapDeclare{iso-8859-15}{A5}{00A5}% YEN SIGN  
2882 \SE@MapDeclare{iso-8859-15}{A6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
2883 \SE@MapDeclare{iso-8859-15}{A7}{00A7}% SECTION SIGN  
2884 \SE@MapDeclare{iso-8859-15}{A8}{0161}% LATIN SMALL LETTER S WITH CARON  
2885 \SE@MapDeclare{iso-8859-15}{A9}{00A9}% COPYRIGHT SIGN  
2886 \SE@MapDeclare{iso-8859-15}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
2887 \SE@MapDeclare{iso-8859-15}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
2888 \SE@MapDeclare{iso-8859-15}{AC}{00AC}% NOT SIGN  
2889 \SE@MapDeclare{iso-8859-15}{AD}{00AD}% SOFT HYPHEN  
2890 \SE@MapDeclare{iso-8859-15}{AE}{00AE}% REGISTERED SIGN  
2891 \SE@MapDeclare{iso-8859-15}{AF}{00AF}% MACRON  
2892 \SE@MapDeclare{iso-8859-15}{B0}{00B0}% DEGREE SIGN  
2893 \SE@MapDeclare{iso-8859-15}{B1}{00B1}% PLUS-MINUS SIGN  
2894 \SE@MapDeclare{iso-8859-15}{B2}{00B2}% SUPERScript TWO  
2895 \SE@MapDeclare{iso-8859-15}{B3}{00B3}% SUPERScript THREE  
2896 \SE@MapDeclare{iso-8859-15}{B4}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
2897 \SE@MapDeclare{iso-8859-15}{B5}{00B5}% MICRO SIGN  
2898 \SE@MapDeclare{iso-8859-15}{B6}{00B6}% PILCROW SIGN  
2899 \SE@MapDeclare{iso-8859-15}{B7}{00B7}% MIDDLE DOT  
2900 \SE@MapDeclare{iso-8859-15}{B8}{017E}% LATIN SMALL LETTER Z WITH CARON  
2901 \SE@MapDeclare{iso-8859-15}{B9}{00B9}% SUPERScript ONE  
2902 \SE@MapDeclare{iso-8859-15}{BA}{00BA}% MASCULINE ORDINAL INDICATOR



2903 \SE@MapDeclare{iso-8859-15}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
2904 \SE@MapDeclare{iso-8859-15}{BC}{0152}% LATIN CAPITAL LIGATURE OE  
2905 \SE@MapDeclare{iso-8859-15}{BD}{0153}% LATIN SMALL LIGATURE OE  
2906 \SE@MapDeclare{iso-8859-15}{BE}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
2907 \SE@MapDeclare{iso-8859-15}{BF}{00BF}% INVERTED QUESTION MARK  
2908 \SE@MapDeclare{iso-8859-15}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
2909 \SE@MapDeclare{iso-8859-15}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
2910 \SE@MapDeclare{iso-8859-15}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
2911 \SE@MapDeclare{iso-8859-15}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
2912 \SE@MapDeclare{iso-8859-15}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
2913 \SE@MapDeclare{iso-8859-15}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
2914 \SE@MapDeclare{iso-8859-15}{C6}{00C6}% LATIN CAPITAL LETTER AE  
2915 \SE@MapDeclare{iso-8859-15}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
2916 \SE@MapDeclare{iso-8859-15}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
2917 \SE@MapDeclare{iso-8859-15}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
2918 \SE@MapDeclare{iso-8859-15}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
2919 \SE@MapDeclare{iso-8859-15}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
2920 \SE@MapDeclare{iso-8859-15}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
2921 \SE@MapDeclare{iso-8859-15}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
2922 \SE@MapDeclare{iso-8859-15}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
2923 \SE@MapDeclare{iso-8859-15}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
2924 \SE@MapDeclare{iso-8859-15}{D0}{00D0}% LATIN CAPITAL LETTER ETH  
2925 \SE@MapDeclare{iso-8859-15}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
2926 \SE@MapDeclare{iso-8859-15}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
2927 \SE@MapDeclare{iso-8859-15}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
2928 \SE@MapDeclare{iso-8859-15}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
2929 \SE@MapDeclare{iso-8859-15}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
2930 \SE@MapDeclare{iso-8859-15}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
2931 \SE@MapDeclare{iso-8859-15}{D7}{00D7}% MULTIPLICATION SIGN  
2932 \SE@MapDeclare{iso-8859-15}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
2933 \SE@MapDeclare{iso-8859-15}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
2934 \SE@MapDeclare{iso-8859-15}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
2935 \SE@MapDeclare{iso-8859-15}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2936 \SE@MapDeclare{iso-8859-15}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2937 \SE@MapDeclare{iso-8859-15}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
2938 \SE@MapDeclare{iso-8859-15}{DE}{00DE}% LATIN CAPITAL LETTER THORN  
2939 \SE@MapDeclare{iso-8859-15}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
2940 \SE@MapDeclare{iso-8859-15}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
2941 \SE@MapDeclare{iso-8859-15}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2942 \SE@MapDeclare{iso-8859-15}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2943 \SE@MapDeclare{iso-8859-15}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
2944 \SE@MapDeclare{iso-8859-15}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2945 \SE@MapDeclare{iso-8859-15}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
2946 \SE@MapDeclare{iso-8859-15}{E6}{00E6}% LATIN SMALL LETTER AE  
2947 \SE@MapDeclare{iso-8859-15}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
2948 \SE@MapDeclare{iso-8859-15}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
2949 \SE@MapDeclare{iso-8859-15}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
2950 \SE@MapDeclare{iso-8859-15}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
2951 \SE@MapDeclare{iso-8859-15}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
2952 \SE@MapDeclare{iso-8859-15}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
2953 \SE@MapDeclare{iso-8859-15}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
2954 \SE@MapDeclare{iso-8859-15}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
2955 \SE@MapDeclare{iso-8859-15}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
2956 \SE@MapDeclare{iso-8859-15}{F0}{00F0}% LATIN SMALL LETTER ETH  
2957 \SE@MapDeclare{iso-8859-15}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
2958 \SE@MapDeclare{iso-8859-15}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
2959 \SE@MapDeclare{iso-8859-15}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
2960 \SE@MapDeclare{iso-8859-15}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
2961 \SE@MapDeclare{iso-8859-15}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
2962 \SE@MapDeclare{iso-8859-15}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
2963 \SE@MapDeclare{iso-8859-15}{F7}{00F7}% DIVISION SIGN  
2964 \SE@MapDeclare{iso-8859-15}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
2965 \SE@MapDeclare{iso-8859-15}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
2966 \SE@MapDeclare{iso-8859-15}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
2967 \SE@MapDeclare{iso-8859-15}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
2968 \SE@MapDeclare{iso-8859-15}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
2969 \SE@MapDeclare{iso-8859-15}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
2970 \SE@MapDeclare{iso-8859-15}{FE}{00FE}% LATIN SMALL LETTER THORN  
2971 \SE@MapDeclare{iso-8859-15}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
2972 </iso-8859-15>

## iso-8859-16

2973 <iso-8859-16>  
2974 \SE@MapDeclare{iso-8859-16}{A0}{00A0}% NO-BREAK SPACE  
2975 \SE@MapDeclare{iso-8859-16}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
2976 \SE@MapDeclare{iso-8859-16}{A2}{0105}% LATIN SMALL LETTER A WITH OGONEK  
2977 \SE@MapDeclare{iso-8859-16}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
2978 \SE@MapDeclare{iso-8859-16}{A4}{20AC}% EURO SIGN  
2979 \SE@MapDeclare{iso-8859-16}{A5}{201E}% DOUBLE LOW-9 QUOTATION MARK  
2980 \SE@MapDeclare{iso-8859-16}{A6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
2981 \SE@MapDeclare{iso-8859-16}{A7}{00A7}% SECTION SIGN  
2982 \SE@MapDeclare{iso-8859-16}{A8}{0161}% LATIN SMALL LETTER S WITH CARON  
2983 \SE@MapDeclare{iso-8859-16}{A9}{00A9}% COPYRIGHT SIGN  
2984 \SE@MapDeclare{iso-8859-16}{AA}{0218}% LATIN CAPITAL LETTER S WITH COMMA BELOW

2985 \SE@MapDeclare{iso-8859-16}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2986 \SE@MapDeclare{iso-8859-16}{AC}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 2987 \SE@MapDeclare{iso-8859-16}{AD}{00AD}% SOFT HYPHEN  
 2988 \SE@MapDeclare{iso-8859-16}{AE}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 2989 \SE@MapDeclare{iso-8859-16}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 2990 \SE@MapDeclare{iso-8859-16}{B0}{00B0}% DEGREE SIGN  
 2991 \SE@MapDeclare{iso-8859-16}{B1}{00B1}% PLUS-MINUS SIGN  
 2992 \SE@MapDeclare{iso-8859-16}{B2}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2993 \SE@MapDeclare{iso-8859-16}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
 2994 \SE@MapDeclare{iso-8859-16}{B4}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2995 \SE@MapDeclare{iso-8859-16}{B5}{201D}% RIGHT DOUBLE QUOTATION MARK  
 2996 \SE@MapDeclare{iso-8859-16}{B6}{00B6}% PILCROW SIGN  
 2997 \SE@MapDeclare{iso-8859-16}{B7}{00B7}% MIDDLE DOT  
 2998 \SE@MapDeclare{iso-8859-16}{B8}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2999 \SE@MapDeclare{iso-8859-16}{B9}{010D}% LATIN SMALL LETTER C WITH CARON  
 3000 \SE@MapDeclare{iso-8859-16}{BA}{0219}% LATIN SMALL LETTER S WITH COMMA BELOW  
 3001 \SE@MapDeclare{iso-8859-16}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3002 \SE@MapDeclare{iso-8859-16}{BC}{0152}% LATIN CAPITAL LIGATURE OE  
 3003 \SE@MapDeclare{iso-8859-16}{BD}{0153}% LATIN SMALL LIGATURE OE  
 3004 \SE@MapDeclare{iso-8859-16}{BE}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 3005 \SE@MapDeclare{iso-8859-16}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 3006 \SE@MapDeclare{iso-8859-16}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3007 \SE@MapDeclare{iso-8859-16}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3008 \SE@MapDeclare{iso-8859-16}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3009 \SE@MapDeclare{iso-8859-16}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 3010 \SE@MapDeclare{iso-8859-16}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3011 \SE@MapDeclare{iso-8859-16}{C5}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 3012 \SE@MapDeclare{iso-8859-16}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 3013 \SE@MapDeclare{iso-8859-16}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3014 \SE@MapDeclare{iso-8859-16}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 3015 \SE@MapDeclare{iso-8859-16}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3016 \SE@MapDeclare{iso-8859-16}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3017 \SE@MapDeclare{iso-8859-16}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3018 \SE@MapDeclare{iso-8859-16}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 3019 \SE@MapDeclare{iso-8859-16}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3020 \SE@MapDeclare{iso-8859-16}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3021 \SE@MapDeclare{iso-8859-16}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 3022 \SE@MapDeclare{iso-8859-16}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 3023 \SE@MapDeclare{iso-8859-16}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 3024 \SE@MapDeclare{iso-8859-16}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 3025 \SE@MapDeclare{iso-8859-16}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3026 \SE@MapDeclare{iso-8859-16}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3027 \SE@MapDeclare{iso-8859-16}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 3028 \SE@MapDeclare{iso-8859-16}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3029 \SE@MapDeclare{iso-8859-16}{D7}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 3030 \SE@MapDeclare{iso-8859-16}{D8}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 3031 \SE@MapDeclare{iso-8859-16}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 3032 \SE@MapDeclare{iso-8859-16}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3033 \SE@MapDeclare{iso-8859-16}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3034 \SE@MapDeclare{iso-8859-16}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3035 \SE@MapDeclare{iso-8859-16}{DD}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 3036 \SE@MapDeclare{iso-8859-16}{DE}{021A}% LATIN CAPITAL LETTER T WITH COMMA BELOW  
 3037 \SE@MapDeclare{iso-8859-16}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 3038 \SE@MapDeclare{iso-8859-16}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3039 \SE@MapDeclare{iso-8859-16}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3040 \SE@MapDeclare{iso-8859-16}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3041 \SE@MapDeclare{iso-8859-16}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
 3042 \SE@MapDeclare{iso-8859-16}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3043 \SE@MapDeclare{iso-8859-16}{E5}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 3044 \SE@MapDeclare{iso-8859-16}{E6}{00E6}% LATIN SMALL LETTER AE  
 3045 \SE@MapDeclare{iso-8859-16}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3046 \SE@MapDeclare{iso-8859-16}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3047 \SE@MapDeclare{iso-8859-16}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3048 \SE@MapDeclare{iso-8859-16}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3049 \SE@MapDeclare{iso-8859-16}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3050 \SE@MapDeclare{iso-8859-16}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3051 \SE@MapDeclare{iso-8859-16}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3052 \SE@MapDeclare{iso-8859-16}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3053 \SE@MapDeclare{iso-8859-16}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3054 \SE@MapDeclare{iso-8859-16}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 3055 \SE@MapDeclare{iso-8859-16}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 3056 \SE@MapDeclare{iso-8859-16}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3057 \SE@MapDeclare{iso-8859-16}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3058 \SE@MapDeclare{iso-8859-16}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3059 \SE@MapDeclare{iso-8859-16}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 3060 \SE@MapDeclare{iso-8859-16}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3061 \SE@MapDeclare{iso-8859-16}{F7}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 3062 \SE@MapDeclare{iso-8859-16}{F8}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 3063 \SE@MapDeclare{iso-8859-16}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3064 \SE@MapDeclare{iso-8859-16}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3065 \SE@MapDeclare{iso-8859-16}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3066 \SE@MapDeclare{iso-8859-16}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3067 \SE@MapDeclare{iso-8859-16}{FD}{0119}% LATIN SMALL LETTER T WITH OGONEK  
 3068 \SE@MapDeclare{iso-8859-16}{FE}{021B}% LATIN SMALL LETTER T WITH COMMA BELOW  
 3069 \SE@MapDeclare{iso-8859-16}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3070 </iso-8859-16>

## koi8-r

3071 <\*koi8-r>  
3072 \SE@MapDeclare{koi8-r}{80}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
3073 \SE@MapDeclare{koi8-r}{81}{2502}% BOX DRAWINGS LIGHT VERTICAL  
3074 \SE@MapDeclare{koi8-r}{82}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
3075 \SE@MapDeclare{koi8-r}{83}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
3076 \SE@MapDeclare{koi8-r}{84}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
3077 \SE@MapDeclare{koi8-r}{85}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
3078 \SE@MapDeclare{koi8-r}{86}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
3079 \SE@MapDeclare{koi8-r}{87}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
3080 \SE@MapDeclare{koi8-r}{88}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
3081 \SE@MapDeclare{koi8-r}{89}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
3082 \SE@MapDeclare{koi8-r}{8A}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
3083 \SE@MapDeclare{koi8-r}{8B}{2580}% UPPER HALF BLOCK  
3084 \SE@MapDeclare{koi8-r}{8C}{2584}% LOWER HALF BLOCK  
3085 \SE@MapDeclare{koi8-r}{8D}{2588}% FULL BLOCK  
3086 \SE@MapDeclare{koi8-r}{8E}{258C}% LEFT HALF BLOCK  
3087 \SE@MapDeclare{koi8-r}{8F}{2590}% RIGHT HALF BLOCK  
3088 \SE@MapDeclare{koi8-r}{90}{2591}% LIGHT SHADE  
3089 \SE@MapDeclare{koi8-r}{91}{2592}% MEDIUM SHADE  
3090 \SE@MapDeclare{koi8-r}{92}{2593}% DARK SHADE  
3091 \SE@MapDeclare{koi8-r}{93}{2320}% TOP HALF INTEGRAL  
3092 \SE@MapDeclare{koi8-r}{94}{25A0}% BLACK SQUARE  
3093 \SE@MapDeclare{koi8-r}{95}{2219}% BULLET OPERATOR  
3094 \SE@MapDeclare{koi8-r}{96}{221A}% SQUARE ROOT  
3095 \SE@MapDeclare{koi8-r}{97}{2248}% ALMOST EQUAL TO  
3096 \SE@MapDeclare{koi8-r}{98}{2264}% LESS-THAN OR EQUAL TO  
3097 \SE@MapDeclare{koi8-r}{99}{2265}% GREATER-THAN OR EQUAL TO  
3098 \SE@MapDeclare{koi8-r}{9A}{00A0}% NO-BREAK SPACE  
3099 \SE@MapDeclare{koi8-r}{9B}{2321}% BOTTOM HALF INTEGRAL  
3100 \SE@MapDeclare{koi8-r}{9C}{00B0}% DEGREE SIGN  
3101 \SE@MapDeclare{koi8-r}{9D}{00B2}% SUPERSCRIFT TWO  
3102 \SE@MapDeclare{koi8-r}{9E}{00B7}% MIDDLE DOT  
3103 \SE@MapDeclare{koi8-r}{9F}{00F7}% DIVISION SIGN  
3104 \SE@MapDeclare{koi8-r}{A0}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
3105 \SE@MapDeclare{koi8-r}{A1}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
3106 \SE@MapDeclare{koi8-r}{A2}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
3107 \SE@MapDeclare{koi8-r}{A3}{0451}% CYRILLIC SMALL LETTER IO  
3108 \SE@MapDeclare{koi8-r}{A4}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
3109 \SE@MapDeclare{koi8-r}{A5}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
3110 \SE@MapDeclare{koi8-r}{A6}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
3111 \SE@MapDeclare{koi8-r}{A7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
3112 \SE@MapDeclare{koi8-r}{A8}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
3113 \SE@MapDeclare{koi8-r}{A9}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
3114 \SE@MapDeclare{koi8-r}{AA}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
3115 \SE@MapDeclare{koi8-r}{AB}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
3116 \SE@MapDeclare{koi8-r}{AC}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
3117 \SE@MapDeclare{koi8-r}{AD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
3118 \SE@MapDeclare{koi8-r}{AE}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
3119 \SE@MapDeclare{koi8-r}{AF}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
3120 \SE@MapDeclare{koi8-r}{B0}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
3121 \SE@MapDeclare{koi8-r}{B1}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
3122 \SE@MapDeclare{koi8-r}{B2}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
3123 \SE@MapDeclare{koi8-r}{B3}{0401}% CYRILLIC CAPITAL LETTER IO  
3124 \SE@MapDeclare{koi8-r}{B4}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
3125 \SE@MapDeclare{koi8-r}{B5}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
3126 \SE@MapDeclare{koi8-r}{B6}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
3127 \SE@MapDeclare{koi8-r}{B7}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
3128 \SE@MapDeclare{koi8-r}{B8}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
3129 \SE@MapDeclare{koi8-r}{B9}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
3130 \SE@MapDeclare{koi8-r}{BA}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
3131 \SE@MapDeclare{koi8-r}{BB}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
3132 \SE@MapDeclare{koi8-r}{BC}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
3133 \SE@MapDeclare{koi8-r}{BD}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
3134 \SE@MapDeclare{koi8-r}{BE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
3135 \SE@MapDeclare{koi8-r}{BF}{00A9}% COPYRIGHT SIGN  
3136 \SE@MapDeclare{koi8-r}{C0}{044E}% CYRILLIC SMALL LETTER YU  
3137 \SE@MapDeclare{koi8-r}{C1}{0430}% CYRILLIC SMALL LETTER A  
3138 \SE@MapDeclare{koi8-r}{C2}{0431}% CYRILLIC SMALL LETTER BE  
3139 \SE@MapDeclare{koi8-r}{C3}{0446}% CYRILLIC SMALL LETTER TSE  
3140 \SE@MapDeclare{koi8-r}{C4}{0434}% CYRILLIC SMALL LETTER DE  
3141 \SE@MapDeclare{koi8-r}{C5}{0435}% CYRILLIC SMALL LETTER IE  
3142 \SE@MapDeclare{koi8-r}{C6}{0444}% CYRILLIC SMALL LETTER EF  
3143 \SE@MapDeclare{koi8-r}{C7}{0433}% CYRILLIC SMALL LETTER GHE  
3144 \SE@MapDeclare{koi8-r}{C8}{0445}% CYRILLIC SMALL LETTER HA  
3145 \SE@MapDeclare{koi8-r}{C9}{0438}% CYRILLIC SMALL LETTER I  
3146 \SE@MapDeclare{koi8-r}{CA}{0439}% CYRILLIC SMALL LETTER SHORT I  
3147 \SE@MapDeclare{koi8-r}{CB}{043A}% CYRILLIC SMALL LETTER KA  
3148 \SE@MapDeclare{koi8-r}{CC}{043B}% CYRILLIC SMALL LETTER EL  
3149 \SE@MapDeclare{koi8-r}{CD}{043C}% CYRILLIC SMALL LETTER EM  
3150 \SE@MapDeclare{koi8-r}{CE}{043D}% CYRILLIC SMALL LETTER EN  
3151 \SE@MapDeclare{koi8-r}{CF}{043E}% CYRILLIC SMALL LETTER O  
3152 \SE@MapDeclare{koi8-r}{D0}{043F}% CYRILLIC SMALL LETTER PE  
3153 \SE@MapDeclare{koi8-r}{D1}{044F}% CYRILLIC SMALL LETTER YA  
3154 \SE@MapDeclare{koi8-r}{D2}{0440}% CYRILLIC SMALL LETTER ER

```

3155 \SE@MapDeclare{koi8-r}{D3}{0441}% CYRILLIC SMALL LETTER ES
3156 \SE@MapDeclare{koi8-r}{D4}{0442}% CYRILLIC SMALL LETTER TE
3157 \SE@MapDeclare{koi8-r}{D5}{0443}% CYRILLIC SMALL LETTER U
3158 \SE@MapDeclare{koi8-r}{D6}{0436}% CYRILLIC SMALL LETTER ZHE
3159 \SE@MapDeclare{koi8-r}{D7}{0432}% CYRILLIC SMALL LETTER VE
3160 \SE@MapDeclare{koi8-r}{D8}{044C}% CYRILLIC SMALL LETTER SOFT SIGN
3161 \SE@MapDeclare{koi8-r}{D9}{044B}% CYRILLIC SMALL LETTER YERU
3162 \SE@MapDeclare{koi8-r}{DA}{0437}% CYRILLIC SMALL LETTER ZE
3163 \SE@MapDeclare{koi8-r}{DB}{0448}% CYRILLIC SMALL LETTER SHA
3164 \SE@MapDeclare{koi8-r}{DC}{044D}% CYRILLIC SMALL LETTER E
3165 \SE@MapDeclare{koi8-r}{DD}{0449}% CYRILLIC SMALL LETTER SHCHA
3166 \SE@MapDeclare{koi8-r}{DE}{0447}% CYRILLIC SMALL LETTER CHE
3167 \SE@MapDeclare{koi8-r}{DF}{044A}% CYRILLIC SMALL LETTER HARD SIGN
3168 \SE@MapDeclare{koi8-r}{E0}{042E}% CYRILLIC CAPITAL LETTER YU
3169 \SE@MapDeclare{koi8-r}{E1}{0410}% CYRILLIC CAPITAL LETTER A
3170 \SE@MapDeclare{koi8-r}{E2}{0411}% CYRILLIC CAPITAL LETTER BE
3171 \SE@MapDeclare{koi8-r}{E3}{0426}% CYRILLIC CAPITAL LETTER TSE
3172 \SE@MapDeclare{koi8-r}{E4}{0414}% CYRILLIC CAPITAL LETTER DE
3173 \SE@MapDeclare{koi8-r}{E5}{0415}% CYRILLIC CAPITAL LETTER IE
3174 \SE@MapDeclare{koi8-r}{E6}{0424}% CYRILLIC CAPITAL LETTER EF
3175 \SE@MapDeclare{koi8-r}{E7}{0413}% CYRILLIC CAPITAL LETTER GHE
3176 \SE@MapDeclare{koi8-r}{E8}{0425}% CYRILLIC CAPITAL LETTER HA
3177 \SE@MapDeclare{koi8-r}{E9}{0418}% CYRILLIC CAPITAL LETTER I
3178 \SE@MapDeclare{koi8-r}{EA}{0419}% CYRILLIC CAPITAL LETTER SHORT I
3179 \SE@MapDeclare{koi8-r}{EB}{041A}% CYRILLIC CAPITAL LETTER KA
3180 \SE@MapDeclare{koi8-r}{EC}{041B}% CYRILLIC CAPITAL LETTER EL
3181 \SE@MapDeclare{koi8-r}{ED}{041C}% CYRILLIC CAPITAL LETTER EM
3182 \SE@MapDeclare{koi8-r}{EE}{041D}% CYRILLIC CAPITAL LETTER EN
3183 \SE@MapDeclare{koi8-r}{EF}{041E}% CYRILLIC CAPITAL LETTER O
3184 \SE@MapDeclare{koi8-r}{F0}{041F}% CYRILLIC CAPITAL LETTER PE
3185 \SE@MapDeclare{koi8-r}{F1}{042F}% CYRILLIC CAPITAL LETTER YA
3186 \SE@MapDeclare{koi8-r}{F2}{0420}% CYRILLIC CAPITAL LETTER ER
3187 \SE@MapDeclare{koi8-r}{F3}{0421}% CYRILLIC CAPITAL LETTER ES
3188 \SE@MapDeclare{koi8-r}{F4}{0422}% CYRILLIC CAPITAL LETTER TE
3189 \SE@MapDeclare{koi8-r}{F5}{0423}% CYRILLIC CAPITAL LETTER U
3190 \SE@MapDeclare{koi8-r}{F6}{0416}% CYRILLIC CAPITAL LETTER ZHE
3191 \SE@MapDeclare{koi8-r}{F7}{0412}% CYRILLIC CAPITAL LETTER VE
3192 \SE@MapDeclare{koi8-r}{F8}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN
3193 \SE@MapDeclare{koi8-r}{F9}{042B}% CYRILLIC CAPITAL LETTER YERU
3194 \SE@MapDeclare{koi8-r}{FA}{0417}% CYRILLIC CAPITAL LETTER ZE
3195 \SE@MapDeclare{koi8-r}{FB}{0428}% CYRILLIC CAPITAL LETTER SHA
3196 \SE@MapDeclare{koi8-r}{FC}{042D}% CYRILLIC CAPITAL LETTER E
3197 \SE@MapDeclare{koi8-r}{FD}{0429}% CYRILLIC CAPITAL LETTER SHCHA
3198 \SE@MapDeclare{koi8-r}{FE}{0427}% CYRILLIC CAPITAL LETTER CHE
3199 \SE@MapDeclare{koi8-r}{FF}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN
3200 (/koi8-r)

```

## nextstep

```

3201 (*nextstep)
3202 \SE@MapDeclare{nextstep}{80}{00A0}% NO-BREAK SPACE
3203 \SE@MapDeclare{nextstep}{81}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE
3204 \SE@MapDeclare{nextstep}{82}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE
3205 \SE@MapDeclare{nextstep}{83}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX
3206 \SE@MapDeclare{nextstep}{84}{00C3}% LATIN CAPITAL LETTER A WITH TILDE
3207 \SE@MapDeclare{nextstep}{85}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS
3208 \SE@MapDeclare{nextstep}{86}{00C5}% LATIN CAPITAL LETTER A WITH RING
3209 \SE@MapDeclare{nextstep}{87}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA
3210 \SE@MapDeclare{nextstep}{88}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE
3211 \SE@MapDeclare{nextstep}{89}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE
3212 \SE@MapDeclare{nextstep}{8A}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX
3213 \SE@MapDeclare{nextstep}{8B}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS
3214 \SE@MapDeclare{nextstep}{8C}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE
3215 \SE@MapDeclare{nextstep}{8D}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE
3216 \SE@MapDeclare{nextstep}{8E}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX
3217 \SE@MapDeclare{nextstep}{8F}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS
3218 \SE@MapDeclare{nextstep}{90}{00D0}% LATIN CAPITAL LETTER ETH
3219 \SE@MapDeclare{nextstep}{91}{00D1}% LATIN CAPITAL LETTER N WITH TILDE
3220 \SE@MapDeclare{nextstep}{92}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE
3221 \SE@MapDeclare{nextstep}{93}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
3222 \SE@MapDeclare{nextstep}{94}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX
3223 \SE@MapDeclare{nextstep}{95}{00D5}% LATIN CAPITAL LETTER O WITH TILDE
3224 \SE@MapDeclare{nextstep}{96}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS
3225 \SE@MapDeclare{nextstep}{97}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE
3226 \SE@MapDeclare{nextstep}{98}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE
3227 \SE@MapDeclare{nextstep}{99}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX
3228 \SE@MapDeclare{nextstep}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS
3229 \SE@MapDeclare{nextstep}{9B}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE
3230 \SE@MapDeclare{nextstep}{9C}{00DE}% LATIN CAPITAL LETTER THORN
3231 \SE@MapDeclare{nextstep}{9D}{00B5}% MICRO SIGN
3232 \SE@MapDeclare{nextstep}{9E}{00D7}% MULTIPLICATION SIGN
3233 \SE@MapDeclare{nextstep}{9F}{00F7}% DIVISION SIGN
3234 \SE@MapDeclare{nextstep}{A0}{00A9}% COPYRIGHT SIGN
3235 \SE@MapDeclare{nextstep}{A1}{00A1}% INVERTED EXCLAMATION MARK
3236 \SE@MapDeclare{nextstep}{A2}{00A2}% CENT SIGN

```

3237 \SE@MapDeclare{nextstep}{A3}{00A3}% POUND SIGN  
 3238 \SE@MapDeclare{nextstep}{A4}{2044}% FRACTION SLASH  
 3239 \SE@MapDeclare{nextstep}{A5}{00A5}% YEN SIGN  
 3240 \SE@MapDeclare{nextstep}{A6}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3241 \SE@MapDeclare{nextstep}{A7}{00A7}% SECTION SIGN  
 3242 \SE@MapDeclare{nextstep}{A8}{00A4}% CURRENCY SIGN  
 3243 \SE@MapDeclare{nextstep}{A9}{2019}% RIGHT SINGLE QUOTATION MARK  
 3244 \SE@MapDeclare{nextstep}{AA}{201C}% LEFT DOUBLE QUOTATION MARK  
 3245 \SE@MapDeclare{nextstep}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3246 \SE@MapDeclare{nextstep}{AC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3247 \SE@MapDeclare{nextstep}{AD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3248 \SE@MapDeclare{nextstep}{AE}{FB01}% LATIN SMALL LIGATURE FI  
 3249 \SE@MapDeclare{nextstep}{AF}{FB02}% LATIN SMALL LIGATURE FL  
 3250 \SE@MapDeclare{nextstep}{B0}{00AE}% REGISTERED SIGN  
 3251 \SE@MapDeclare{nextstep}{B1}{2013}% EN DASH  
 3252 \SE@MapDeclare{nextstep}{B2}{2020}% DAGGER  
 3253 \SE@MapDeclare{nextstep}{B3}{2021}% DOUBLE DAGGER  
 3254 \SE@MapDeclare{nextstep}{B4}{00B7}% MIDDLE DOT  
 3255 \SE@MapDeclare{nextstep}{B5}{00A6}% BROKEN BAR  
 3256 \SE@MapDeclare{nextstep}{B6}{00B6}% PILCROW SIGN  
 3257 \SE@MapDeclare{nextstep}{B7}{2022}% BULLET  
 3258 \SE@MapDeclare{nextstep}{B8}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3259 \SE@MapDeclare{nextstep}{B9}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3260 \SE@MapDeclare{nextstep}{BA}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3261 \SE@MapDeclare{nextstep}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3262 \SE@MapDeclare{nextstep}{BC}{2026}% HORIZONTAL ELLIPSIS  
 3263 \SE@MapDeclare{nextstep}{BD}{2030}% PER MILLE SIGN  
 3264 \SE@MapDeclare{nextstep}{BE}{00AC}% NOT SIGN  
 3265 \SE@MapDeclare{nextstep}{BF}{00BF}% INVERTED QUESTION MARK  
 3266 \SE@MapDeclare{nextstep}{C0}{00B9}% SUPERSCRIT ONE  
 3267 \SE@MapDeclare{nextstep}{C1}{02CB}% MODIFIER LETTER GRAVE ACCENT  
 3268 \SE@MapDeclare{nextstep}{C2}{00B4}% ACUTE ACCENT  
 3269 \SE@MapDeclare{nextstep}{C3}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT  
 3270 \SE@MapDeclare{nextstep}{C4}{02DC}% SMALL TILDE  
 3271 \SE@MapDeclare{nextstep}{C5}{00AF}% MACRON  
 3272 \SE@MapDeclare{nextstep}{C6}{02D8}% BREVE  
 3273 \SE@MapDeclare{nextstep}{C7}{02D9}% DOT ABOVE  
 3274 \SE@MapDeclare{nextstep}{C8}{00A8}% DIAERESIS  
 3275 \SE@MapDeclare{nextstep}{C9}{00B2}% SUPERSCRIT TWO  
 3276 \SE@MapDeclare{nextstep}{CA}{02DA}% RING ABOVE  
 3277 \SE@MapDeclare{nextstep}{CB}{00B8}% CEDILLA  
 3278 \SE@MapDeclare{nextstep}{CC}{00B3}% SUPERSCRIT THREE  
 3279 \SE@MapDeclare{nextstep}{CD}{02DD}% DOUBLE ACUTE ACCENT  
 3280 \SE@MapDeclare{nextstep}{CE}{02DB}% OGONEK  
 3281 \SE@MapDeclare{nextstep}{CF}{02C7}% CARON  
 3282 \SE@MapDeclare{nextstep}{D0}{2014}% EM DASH  
 3283 \SE@MapDeclare{nextstep}{D1}{00B1}% PLUS-MINUS SIGN  
 3284 \SE@MapDeclare{nextstep}{D2}{00BC}% VULGAR FRACTION ONE QUARTER  
 3285 \SE@MapDeclare{nextstep}{D3}{00BD}% VULGAR FRACTION ONE HALF  
 3286 \SE@MapDeclare{nextstep}{D4}{00BE}% VULGAR FRACTION THREE QUARTERS  
 3287 \SE@MapDeclare{nextstep}{D5}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3288 \SE@MapDeclare{nextstep}{D6}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3289 \SE@MapDeclare{nextstep}{D7}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3290 \SE@MapDeclare{nextstep}{D8}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3291 \SE@MapDeclare{nextstep}{D9}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3292 \SE@MapDeclare{nextstep}{DA}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3293 \SE@MapDeclare{nextstep}{DB}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3294 \SE@MapDeclare{nextstep}{DC}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3295 \SE@MapDeclare{nextstep}{DD}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3296 \SE@MapDeclare{nextstep}{DE}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3297 \SE@MapDeclare{nextstep}{DF}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3298 \SE@MapDeclare{nextstep}{E0}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3299 \SE@MapDeclare{nextstep}{E1}{00C6}% LATIN CAPITAL LETTER AE  
 3300 \SE@MapDeclare{nextstep}{E2}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3301 \SE@MapDeclare{nextstep}{E3}{00AA}% FEMININE ORDINAL INDICATOR  
 3302 \SE@MapDeclare{nextstep}{E4}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3303 \SE@MapDeclare{nextstep}{E5}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3304 \SE@MapDeclare{nextstep}{E6}{00F0}% LATIN SMALL LETTER ETH  
 3305 \SE@MapDeclare{nextstep}{E7}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3306 \SE@MapDeclare{nextstep}{E8}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 3307 \SE@MapDeclare{nextstep}{E9}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3308 \SE@MapDeclare{nextstep}{EA}{0152}% LATIN CAPITAL LIGATURE OE  
 3309 \SE@MapDeclare{nextstep}{EB}{00BA}% MASCULINE ORDINAL INDICATOR  
 3310 \SE@MapDeclare{nextstep}{EC}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3311 \SE@MapDeclare{nextstep}{ED}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3312 \SE@MapDeclare{nextstep}{EE}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3313 \SE@MapDeclare{nextstep}{EF}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3314 \SE@MapDeclare{nextstep}{F0}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3315 \SE@MapDeclare{nextstep}{F1}{00E6}% LATIN SMALL LETTER AE  
 3316 \SE@MapDeclare{nextstep}{F2}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3317 \SE@MapDeclare{nextstep}{F3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3318 \SE@MapDeclare{nextstep}{F4}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3319 \SE@MapDeclare{nextstep}{F5}{0131}% LATIN SMALL LETTER DOTLESS I  
 3320 \SE@MapDeclare{nextstep}{F6}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3321 \SE@MapDeclare{nextstep}{F7}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 3322 \SE@MapDeclare{nextstep}{F8}{0142}% LATIN SMALL LETTER L WITH STROKE

3323 \SE@MapDeclare{nextstep}{F9}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3324 \SE@MapDeclare{nextstep}{FA}{0153}% LATIN SMALL LIGATURE OE  
 3325 \SE@MapDeclare{nextstep}{FB}{00DF}% LATIN SMALL LETTER SHARP S  
 3326 \SE@MapDeclare{nextstep}{FC}{00FE}% LATIN SMALL LETTER THORN  
 3327 \SE@MapDeclare{nextstep}{FD}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3328 </nextstep>

## mac-centeuro

3329 <\*mac-centeuro>  
 3330 \SE@MapDeclare{mac-centeuro}{80}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3331 \SE@MapDeclare{mac-centeuro}{81}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 3332 \SE@MapDeclare{mac-centeuro}{82}{0101}% LATIN SMALL LETTER A WITH MACRON  
 3333 \SE@MapDeclare{mac-centeuro}{83}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3334 \SE@MapDeclare{mac-centeuro}{84}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 3335 \SE@MapDeclare{mac-centeuro}{85}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3336 \SE@MapDeclare{mac-centeuro}{86}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3337 \SE@MapDeclare{mac-centeuro}{87}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3338 \SE@MapDeclare{mac-centeuro}{88}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 3339 \SE@MapDeclare{mac-centeuro}{89}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 3340 \SE@MapDeclare{mac-centeuro}{8A}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3341 \SE@MapDeclare{mac-centeuro}{8B}{010D}% LATIN SMALL LETTER C WITH CARON  
 3342 \SE@MapDeclare{mac-centeuro}{8C}{0106}% LATIN CAPITAL LETTER C WITH MACRON  
 3343 \SE@MapDeclare{mac-centeuro}{8D}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 3344 \SE@MapDeclare{mac-centeuro}{8E}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3345 \SE@MapDeclare{mac-centeuro}{8F}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 3346 \SE@MapDeclare{mac-centeuro}{90}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 3347 \SE@MapDeclare{mac-centeuro}{91}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 3348 \SE@MapDeclare{mac-centeuro}{92}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3349 \SE@MapDeclare{mac-centeuro}{93}{010F}% LATIN SMALL LETTER D WITH CARON  
 3350 \SE@MapDeclare{mac-centeuro}{94}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 3351 \SE@MapDeclare{mac-centeuro}{95}{0113}% LATIN SMALL LETTER E WITH MACRON  
 3352 \SE@MapDeclare{mac-centeuro}{96}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 3353 \SE@MapDeclare{mac-centeuro}{97}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3354 \SE@MapDeclare{mac-centeuro}{98}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 3355 \SE@MapDeclare{mac-centeuro}{99}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3356 \SE@MapDeclare{mac-centeuro}{9A}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3357 \SE@MapDeclare{mac-centeuro}{9B}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3358 \SE@MapDeclare{mac-centeuro}{9C}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3359 \SE@MapDeclare{mac-centeuro}{9D}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 3360 \SE@MapDeclare{mac-centeuro}{9E}{011B}% LATIN SMALL LETTER E WITH CARON  
 3361 \SE@MapDeclare{mac-centeuro}{9F}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3362 \SE@MapDeclare{mac-centeuro}{A0}{2020}% DAGGER  
 3363 \SE@MapDeclare{mac-centeuro}{A1}{00B0}% DEGREE SIGN  
 3364 \SE@MapDeclare{mac-centeuro}{A2}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 3365 \SE@MapDeclare{mac-centeuro}{A3}{00A3}% POUND SIGN  
 3366 \SE@MapDeclare{mac-centeuro}{A4}{00A7}% SECTION SIGN  
 3367 \SE@MapDeclare{mac-centeuro}{A5}{2022}% BULLET  
 3368 \SE@MapDeclare{mac-centeuro}{A6}{00B6}% PILCROW SIGN  
 3369 \SE@MapDeclare{mac-centeuro}{A7}{00DF}% LATIN SMALL LETTER SHARP S  
 3370 \SE@MapDeclare{mac-centeuro}{A8}{00AE}% REGISTERED SIGN  
 3371 \SE@MapDeclare{mac-centeuro}{A9}{00A9}% COPYRIGHT SIGN  
 3372 \SE@MapDeclare{mac-centeuro}{AA}{2122}% TRADE MARK SIGN  
 3373 \SE@MapDeclare{mac-centeuro}{AB}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 3374 \SE@MapDeclare{mac-centeuro}{AC}{00A8}% DIAERESIS  
 3375 \SE@MapDeclare{mac-centeuro}{AD}{2260}% NOT EQUAL TO  
 3376 \SE@MapDeclare{mac-centeuro}{AE}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 3377 \SE@MapDeclare{mac-centeuro}{AF}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 3378 \SE@MapDeclare{mac-centeuro}{B0}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 3379 \SE@MapDeclare{mac-centeuro}{B1}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 3380 \SE@MapDeclare{mac-centeuro}{B2}{2264}% LESS-THAN OR EQUAL TO  
 3381 \SE@MapDeclare{mac-centeuro}{B3}{2265}% GREATER-THAN OR EQUAL TO  
 3382 \SE@MapDeclare{mac-centeuro}{B4}{012B}% LATIN SMALL LETTER I WITH MACRON  
 3383 \SE@MapDeclare{mac-centeuro}{B5}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 3384 \SE@MapDeclare{mac-centeuro}{B6}{2202}% PARTIAL DIFFERENTIAL  
 3385 \SE@MapDeclare{mac-centeuro}{B7}{2211}% N-ARY SUMMATION  
 3386 \SE@MapDeclare{mac-centeuro}{B8}{0142}% LATIN SMALL LETTER L WITH STROKE  
 3387 \SE@MapDeclare{mac-centeuro}{B9}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 3388 \SE@MapDeclare{mac-centeuro}{BA}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 3389 \SE@MapDeclare{mac-centeuro}{BB}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 3390 \SE@MapDeclare{mac-centeuro}{BC}{013E}% LATIN SMALL LETTER L WITH CARON  
 3391 \SE@MapDeclare{mac-centeuro}{BD}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 3392 \SE@MapDeclare{mac-centeuro}{BE}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 3393 \SE@MapDeclare{mac-centeuro}{BF}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 3394 \SE@MapDeclare{mac-centeuro}{C0}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 3395 \SE@MapDeclare{mac-centeuro}{C1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 3396 \SE@MapDeclare{mac-centeuro}{C2}{00AC}% NOT SIGN  
 3397 \SE@MapDeclare{mac-centeuro}{C3}{221A}% SQUARE ROOT  
 3398 \SE@MapDeclare{mac-centeuro}{C4}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 3399 \SE@MapDeclare{mac-centeuro}{C5}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 3400 \SE@MapDeclare{mac-centeuro}{C6}{2206}% INCREMENT  
 3401 \SE@MapDeclare{mac-centeuro}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3402 \SE@MapDeclare{mac-centeuro}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3403 \SE@MapDeclare{mac-centeuro}{C9}{2026}% HORIZONTAL ELLIPSIS  
 3404 \SE@MapDeclare{mac-centeuro}{CA}{00A0}% NO-BREAK SPACE

3405 \SE@MapDeclare{mac-centeuro}{CB}{0148}% LATIN SMALL LETTER N WITH CARON  
 3406 \SE@MapDeclare{mac-centeuro}{CC}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 3407 \SE@MapDeclare{mac-centeuro}{CD}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3408 \SE@MapDeclare{mac-centeuro}{CE}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 3409 \SE@MapDeclare{mac-centeuro}{CF}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 3410 \SE@MapDeclare{mac-centeuro}{D0}{2013}% EN DASH  
 3411 \SE@MapDeclare{mac-centeuro}{D1}{2014}% EM DASH  
 3412 \SE@MapDeclare{mac-centeuro}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
 3413 \SE@MapDeclare{mac-centeuro}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3414 \SE@MapDeclare{mac-centeuro}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
 3415 \SE@MapDeclare{mac-centeuro}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
 3416 \SE@MapDeclare{mac-centeuro}{D6}{00F7}% DIVISION SIGN  
 3417 \SE@MapDeclare{mac-centeuro}{D7}{25CA}% LOZENGE  
 3418 \SE@MapDeclare{mac-centeuro}{D8}{014D}% LATIN SMALL LETTER O WITH MACRON  
 3419 \SE@MapDeclare{mac-centeuro}{D9}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 3420 \SE@MapDeclare{mac-centeuro}{DA}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 3421 \SE@MapDeclare{mac-centeuro}{DB}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 3422 \SE@MapDeclare{mac-centeuro}{DC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3423 \SE@MapDeclare{mac-centeuro}{DD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3424 \SE@MapDeclare{mac-centeuro}{DE}{0159}% LATIN SMALL LETTER R WITH CARON  
 3425 \SE@MapDeclare{mac-centeuro}{DF}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 3426 \SE@MapDeclare{mac-centeuro}{E0}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 3427 \SE@MapDeclare{mac-centeuro}{E1}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 3428 \SE@MapDeclare{mac-centeuro}{E2}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3429 \SE@MapDeclare{mac-centeuro}{E3}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3430 \SE@MapDeclare{mac-centeuro}{E4}{0161}% LATIN SMALL LETTER S WITH CARON  
 3431 \SE@MapDeclare{mac-centeuro}{E5}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 3432 \SE@MapDeclare{mac-centeuro}{E6}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 3433 \SE@MapDeclare{mac-centeuro}{E7}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3434 \SE@MapDeclare{mac-centeuro}{E8}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 3435 \SE@MapDeclare{mac-centeuro}{E9}{0165}% LATIN SMALL LETTER T WITH CARON  
 3436 \SE@MapDeclare{mac-centeuro}{EA}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3437 \SE@MapDeclare{mac-centeuro}{EB}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 3438 \SE@MapDeclare{mac-centeuro}{EC}{017E}% LATIN SMALL LETTER Z WITH CARON  
 3439 \SE@MapDeclare{mac-centeuro}{ED}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 3440 \SE@MapDeclare{mac-centeuro}{EE}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3441 \SE@MapDeclare{mac-centeuro}{EF}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3442 \SE@MapDeclare{mac-centeuro}{F0}{016B}% LATIN SMALL LETTER U WITH MACRON  
 3443 \SE@MapDeclare{mac-centeuro}{F1}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 3444 \SE@MapDeclare{mac-centeuro}{F2}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3445 \SE@MapDeclare{mac-centeuro}{F3}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 3446 \SE@MapDeclare{mac-centeuro}{F4}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 3447 \SE@MapDeclare{mac-centeuro}{F5}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 3448 \SE@MapDeclare{mac-centeuro}{F6}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 3449 \SE@MapDeclare{mac-centeuro}{F7}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 3450 \SE@MapDeclare{mac-centeuro}{F8}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 3451 \SE@MapDeclare{mac-centeuro}{F9}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 3452 \SE@MapDeclare{mac-centeuro}{FA}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 3453 \SE@MapDeclare{mac-centeuro}{FB}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 3454 \SE@MapDeclare{mac-centeuro}{FC}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 3455 \SE@MapDeclare{mac-centeuro}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 3456 \SE@MapDeclare{mac-centeuro}{FE}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 3457 \SE@MapDeclare{mac-centeuro}{FF}{02C7}% CARON  
 3458 \SE@MapDeclare{mac-centeuro}{}

## mac-cyrillic

3459 (\*mac-cyrillic)  
 3460 \SE@MapDeclare{mac-cyrillic}{80}{0410}% CYRILLIC CAPITAL LETTER A  
 3461 \SE@MapDeclare{mac-cyrillic}{81}{0411}% CYRILLIC CAPITAL LETTER BE  
 3462 \SE@MapDeclare{mac-cyrillic}{82}{0412}% CYRILLIC CAPITAL LETTER VE  
 3463 \SE@MapDeclare{mac-cyrillic}{83}{0413}% CYRILLIC CAPITAL LETTER GHE  
 3464 \SE@MapDeclare{mac-cyrillic}{84}{0414}% CYRILLIC CAPITAL LETTER DE  
 3465 \SE@MapDeclare{mac-cyrillic}{85}{0415}% CYRILLIC CAPITAL LETTER IE  
 3466 \SE@MapDeclare{mac-cyrillic}{86}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 3467 \SE@MapDeclare{mac-cyrillic}{87}{0417}% CYRILLIC CAPITAL LETTER ZE  
 3468 \SE@MapDeclare{mac-cyrillic}{88}{0418}% CYRILLIC CAPITAL LETTER I  
 3469 \SE@MapDeclare{mac-cyrillic}{89}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 3470 \SE@MapDeclare{mac-cyrillic}{8A}{041A}% CYRILLIC CAPITAL LETTER KA  
 3471 \SE@MapDeclare{mac-cyrillic}{8B}{041B}% CYRILLIC CAPITAL LETTER EL  
 3472 \SE@MapDeclare{mac-cyrillic}{8C}{041C}% CYRILLIC CAPITAL LETTER EM  
 3473 \SE@MapDeclare{mac-cyrillic}{8D}{041D}% CYRILLIC CAPITAL LETTER EN  
 3474 \SE@MapDeclare{mac-cyrillic}{8E}{041E}% CYRILLIC CAPITAL LETTER O  
 3475 \SE@MapDeclare{mac-cyrillic}{8F}{041F}% CYRILLIC CAPITAL LETTER PE  
 3476 \SE@MapDeclare{mac-cyrillic}{90}{0420}% CYRILLIC CAPITAL LETTER ER  
 3477 \SE@MapDeclare{mac-cyrillic}{91}{0421}% CYRILLIC CAPITAL LETTER ES  
 3478 \SE@MapDeclare{mac-cyrillic}{92}{0422}% CYRILLIC CAPITAL LETTER TE  
 3479 \SE@MapDeclare{mac-cyrillic}{93}{0423}% CYRILLIC CAPITAL LETTER U  
 3480 \SE@MapDeclare{mac-cyrillic}{94}{0424}% CYRILLIC CAPITAL LETTER EF  
 3481 \SE@MapDeclare{mac-cyrillic}{95}{0425}% CYRILLIC CAPITAL LETTER HA  
 3482 \SE@MapDeclare{mac-cyrillic}{96}{0426}% CYRILLIC CAPITAL LETTER TSE  
 3483 \SE@MapDeclare{mac-cyrillic}{97}{0427}% CYRILLIC CAPITAL LETTER CHE  
 3484 \SE@MapDeclare{mac-cyrillic}{98}{0428}% CYRILLIC CAPITAL LETTER SHA  
 3485 \SE@MapDeclare{mac-cyrillic}{99}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 3486 \SE@MapDeclare{mac-cyrillic}{9A}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN

3487 \SE@MapDeclare{mac-cyrillic}{9B}{042B}% CYRILLIC CAPITAL LETTER YERU  
3488 \SE@MapDeclare{mac-cyrillic}{9C}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
3489 \SE@MapDeclare{mac-cyrillic}{9D}{042D}% CYRILLIC CAPITAL LETTER E  
3490 \SE@MapDeclare{mac-cyrillic}{9E}{042E}% CYRILLIC CAPITAL LETTER YU  
3491 \SE@MapDeclare{mac-cyrillic}{9F}{042F}% CYRILLIC CAPITAL LETTER YA  
3492 \SE@MapDeclare{mac-cyrillic}{A0}{2020}% DAGGER  
3493 \SE@MapDeclare{mac-cyrillic}{A1}{00B0}% DEGREE SIGN  
3494 \SE@MapDeclare{mac-cyrillic}{A2}{0490}% CYRILLIC CAPITAL LETTER GHE WITH UPTURN  
3495 \SE@MapDeclare{mac-cyrillic}{A3}{00A3}% POUND SIGN  
3496 \SE@MapDeclare{mac-cyrillic}{A4}{00A7}% SECTION SIGN  
3497 \SE@MapDeclare{mac-cyrillic}{A5}{2022}% BULLET  
3498 \SE@MapDeclare{mac-cyrillic}{A6}{00B6}% PILCROW SIGN  
3499 \SE@MapDeclare{mac-cyrillic}{A7}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
3500 \SE@MapDeclare{mac-cyrillic}{A8}{00AE}% REGISTERED SIGN  
3501 \SE@MapDeclare{mac-cyrillic}{A9}{00A9}% COPYRIGHT SIGN  
3502 \SE@MapDeclare{mac-cyrillic}{AA}{2122}% TRADE MARK SIGN  
3503 \SE@MapDeclare{mac-cyrillic}{AB}{0402}% CYRILLIC CAPITAL LETTER DJE  
3504 \SE@MapDeclare{mac-cyrillic}{AC}{0452}% CYRILLIC SMALL LETTER DJE  
3505 \SE@MapDeclare{mac-cyrillic}{AD}{2260}% NOT EQUAL TO  
3506 \SE@MapDeclare{mac-cyrillic}{AE}{0403}% CYRILLIC CAPITAL LETTER GJE  
3507 \SE@MapDeclare{mac-cyrillic}{AF}{0453}% CYRILLIC SMALL LETTER GJE  
3508 \SE@MapDeclare{mac-cyrillic}{B0}{221E}% INFINITY  
3509 \SE@MapDeclare{mac-cyrillic}{B1}{00B1}% PLUS-MINUS SIGN  
3510 \SE@MapDeclare{mac-cyrillic}{B2}{2264}% LESS-THAN OR EQUAL TO  
3511 \SE@MapDeclare{mac-cyrillic}{B3}{2265}% GREATER-THAN OR EQUAL TO  
3512 \SE@MapDeclare{mac-cyrillic}{B4}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
3513 \SE@MapDeclare{mac-cyrillic}{B5}{00B5}% MICRO SIGN  
3514 \SE@MapDeclare{mac-cyrillic}{B6}{0491}% CYRILLIC SMALL LETTER GHE WITH UPTURN  
3515 \SE@MapDeclare{mac-cyrillic}{B7}{0408}% CYRILLIC CAPITAL LETTER JE  
3516 \SE@MapDeclare{mac-cyrillic}{B8}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
3517 \SE@MapDeclare{mac-cyrillic}{B9}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
3518 \SE@MapDeclare{mac-cyrillic}{BA}{0407}% CYRILLIC CAPITAL LETTER YI  
3519 \SE@MapDeclare{mac-cyrillic}{BB}{0457}% CYRILLIC SMALL LETTER YI  
3520 \SE@MapDeclare{mac-cyrillic}{BC}{0409}% CYRILLIC CAPITAL LETTER LJE  
3521 \SE@MapDeclare{mac-cyrillic}{BD}{0459}% CYRILLIC SMALL LETTER LJE  
3522 \SE@MapDeclare{mac-cyrillic}{BE}{040A}% CYRILLIC CAPITAL LETTER NJE  
3523 \SE@MapDeclare{mac-cyrillic}{BF}{045A}% CYRILLIC SMALL LETTER NJE  
3524 \SE@MapDeclare{mac-cyrillic}{C0}{0458}% CYRILLIC SMALL LETTER JE  
3525 \SE@MapDeclare{mac-cyrillic}{C1}{0405}% CYRILLIC CAPITAL LETTER DZE  
3526 \SE@MapDeclare{mac-cyrillic}{C2}{00AC}% NOT SIGN  
3527 \SE@MapDeclare{mac-cyrillic}{C3}{221A}% SQUARE ROOT  
3528 \SE@MapDeclare{mac-cyrillic}{C4}{0192}% LATIN SMALL LETTER F WITH HOOK  
3529 \SE@MapDeclare{mac-cyrillic}{C5}{2248}% ALMOST EQUAL TO  
3530 \SE@MapDeclare{mac-cyrillic}{C6}{2206}% INCREMENT  
3531 \SE@MapDeclare{mac-cyrillic}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
3532 \SE@MapDeclare{mac-cyrillic}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
3533 \SE@MapDeclare{mac-cyrillic}{C9}{2026}% HORIZONTAL ELLIPSIS  
3534 \SE@MapDeclare{mac-cyrillic}{CA}{00A0}% NO-BREAK SPACE  
3535 \SE@MapDeclare{mac-cyrillic}{CB}{040B}% CYRILLIC CAPITAL LETTER TSHE  
3536 \SE@MapDeclare{mac-cyrillic}{CC}{045B}% CYRILLIC SMALL LETTER TSHE  
3537 \SE@MapDeclare{mac-cyrillic}{CD}{040C}% CYRILLIC CAPITAL LETTER KJE  
3538 \SE@MapDeclare{mac-cyrillic}{CE}{045C}% CYRILLIC SMALL LETTER KJE  
3539 \SE@MapDeclare{mac-cyrillic}{CF}{0455}% CYRILLIC SMALL LETTER DZE  
3540 \SE@MapDeclare{mac-cyrillic}{D0}{2013}% EN DASH  
3541 \SE@MapDeclare{mac-cyrillic}{D1}{2014}% EM DASH  
3542 \SE@MapDeclare{mac-cyrillic}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
3543 \SE@MapDeclare{mac-cyrillic}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
3544 \SE@MapDeclare{mac-cyrillic}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
3545 \SE@MapDeclare{mac-cyrillic}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
3546 \SE@MapDeclare{mac-cyrillic}{D6}{00F7}% DIVISION SIGN  
3547 \SE@MapDeclare{mac-cyrillic}{D7}{201E}% DOUBLE LOW-9 QUOTATION MARK  
3548 \SE@MapDeclare{mac-cyrillic}{D8}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
3549 \SE@MapDeclare{mac-cyrillic}{D9}{045E}% CYRILLIC SMALL LETTER SHORT U  
3550 \SE@MapDeclare{mac-cyrillic}{DA}{040F}% CYRILLIC CAPITAL LETTER DZHE  
3551 \SE@MapDeclare{mac-cyrillic}{DB}{045F}% CYRILLIC SMALL LETTER DZHE  
3552 \SE@MapDeclare{mac-cyrillic}{DC}{2116}% NUMERO SIGN  
3553 \SE@MapDeclare{mac-cyrillic}{DD}{0401}% CYRILLIC CAPITAL LETTER IO  
3554 \SE@MapDeclare{mac-cyrillic}{DE}{0451}% CYRILLIC SMALL LETTER IO  
3555 \SE@MapDeclare{mac-cyrillic}{DF}{044F}% CYRILLIC SMALL LETTER YA  
3556 \SE@MapDeclare{mac-cyrillic}{E0}{0430}% CYRILLIC SMALL LETTER A  
3557 \SE@MapDeclare{mac-cyrillic}{E1}{0431}% CYRILLIC SMALL LETTER BE  
3558 \SE@MapDeclare{mac-cyrillic}{E2}{0432}% CYRILLIC SMALL LETTER VE  
3559 \SE@MapDeclare{mac-cyrillic}{E3}{0433}% CYRILLIC SMALL LETTER GHE  
3560 \SE@MapDeclare{mac-cyrillic}{E4}{0434}% CYRILLIC SMALL LETTER DE  
3561 \SE@MapDeclare{mac-cyrillic}{E5}{0435}% CYRILLIC SMALL LETTER IE  
3562 \SE@MapDeclare{mac-cyrillic}{E6}{0436}% CYRILLIC SMALL LETTER ZHE  
3563 \SE@MapDeclare{mac-cyrillic}{E7}{0437}% CYRILLIC SMALL LETTER ZE  
3564 \SE@MapDeclare{mac-cyrillic}{E8}{0438}% CYRILLIC SMALL LETTER I  
3565 \SE@MapDeclare{mac-cyrillic}{E9}{0439}% CYRILLIC SMALL LETTER SHORT I  
3566 \SE@MapDeclare{mac-cyrillic}{EA}{043A}% CYRILLIC SMALL LETTER KA  
3567 \SE@MapDeclare{mac-cyrillic}{EB}{043B}% CYRILLIC SMALL LETTER EL  
3568 \SE@MapDeclare{mac-cyrillic}{EC}{043C}% CYRILLIC SMALL LETTER EM  
3569 \SE@MapDeclare{mac-cyrillic}{ED}{043D}% CYRILLIC SMALL LETTER EN  
3570 \SE@MapDeclare{mac-cyrillic}{EE}{043E}% CYRILLIC SMALL LETTER O  
3571 \SE@MapDeclare{mac-cyrillic}{EF}{043F}% CYRILLIC SMALL LETTER PE  
3572 \SE@MapDeclare{mac-cyrillic}{F0}{0440}% CYRILLIC SMALL LETTER ER



```

3573 \SE@MapDeclare{mac-cyrillic}{F1}{0441}% CYRILLIC SMALL LETTER ES
3574 \SE@MapDeclare{mac-cyrillic}{F2}{0442}% CYRILLIC SMALL LETTER TE
3575 \SE@MapDeclare{mac-cyrillic}{F3}{0443}% CYRILLIC SMALL LETTER U
3576 \SE@MapDeclare{mac-cyrillic}{F4}{0444}% CYRILLIC SMALL LETTER EF
3577 \SE@MapDeclare{mac-cyrillic}{F5}{0445}% CYRILLIC SMALL LETTER HA
3578 \SE@MapDeclare{mac-cyrillic}{F6}{0446}% CYRILLIC SMALL LETTER TSE
3579 \SE@MapDeclare{mac-cyrillic}{F7}{0447}% CYRILLIC SMALL LETTER CHE
3580 \SE@MapDeclare{mac-cyrillic}{F8}{0448}% CYRILLIC SMALL LETTER SHA
3581 \SE@MapDeclare{mac-cyrillic}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA
3582 \SE@MapDeclare{mac-cyrillic}{FA}{044A}% CYRILLIC SMALL LETTER HARD SIGN
3583 \SE@MapDeclare{mac-cyrillic}{FB}{044B}% CYRILLIC SMALL LETTER YERU
3584 \SE@MapDeclare{mac-cyrillic}{FC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN
3585 \SE@MapDeclare{mac-cyrillic}{FD}{044D}% CYRILLIC SMALL LETTER E
3586 \SE@MapDeclare{mac-cyrillic}{FE}{044E}% CYRILLIC SMALL LETTER YU
3587 \SE@MapDeclare{mac-cyrillic}{FF}{20AC}% EURO SIGN
3588 (/mac-cyrillic)

```

## mac-roman

```

3589 (*mac-roman)
3590 \SE@MapDeclare{mac-roman}{80}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS
3591 \SE@MapDeclare{mac-roman}{81}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE
3592 \SE@MapDeclare{mac-roman}{82}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA
3593 \SE@MapDeclare{mac-roman}{83}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE
3594 \SE@MapDeclare{mac-roman}{84}{00D1}% LATIN CAPITAL LETTER N WITH TILDE
3595 \SE@MapDeclare{mac-roman}{85}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS
3596 \SE@MapDeclare{mac-roman}{86}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS
3597 \SE@MapDeclare{mac-roman}{87}{00E1}% LATIN SMALL LETTER A WITH ACUTE
3598 \SE@MapDeclare{mac-roman}{88}{00E0}% LATIN SMALL LETTER A WITH GRAVE
3599 \SE@MapDeclare{mac-roman}{89}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX
3600 \SE@MapDeclare{mac-roman}{8A}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS
3601 \SE@MapDeclare{mac-roman}{8B}{00E3}% LATIN SMALL LETTER A WITH TILDE
3602 \SE@MapDeclare{mac-roman}{8C}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE
3603 \SE@MapDeclare{mac-roman}{8D}{00E7}% LATIN SMALL LETTER C WITH CEDILLA
3604 \SE@MapDeclare{mac-roman}{8E}{00E9}% LATIN SMALL LETTER E WITH ACUTE
3605 \SE@MapDeclare{mac-roman}{8F}{00E8}% LATIN SMALL LETTER E WITH GRAVE
3606 \SE@MapDeclare{mac-roman}{90}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX
3607 \SE@MapDeclare{mac-roman}{91}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS
3608 \SE@MapDeclare{mac-roman}{92}{00ED}% LATIN SMALL LETTER I WITH ACUTE
3609 \SE@MapDeclare{mac-roman}{93}{00EC}% LATIN SMALL LETTER I WITH GRAVE
3610 \SE@MapDeclare{mac-roman}{94}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX
3611 \SE@MapDeclare{mac-roman}{95}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS
3612 \SE@MapDeclare{mac-roman}{96}{00F1}% LATIN SMALL LETTER N WITH TILDE
3613 \SE@MapDeclare{mac-roman}{97}{00F3}% LATIN SMALL LETTER O WITH ACUTE
3614 \SE@MapDeclare{mac-roman}{98}{00F2}% LATIN SMALL LETTER O WITH GRAVE
3615 \SE@MapDeclare{mac-roman}{99}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX
3616 \SE@MapDeclare{mac-roman}{9A}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS
3617 \SE@MapDeclare{mac-roman}{9B}{00F5}% LATIN SMALL LETTER O WITH TILDE
3618 \SE@MapDeclare{mac-roman}{9C}{00FA}% LATIN SMALL LETTER U WITH ACUTE
3619 \SE@MapDeclare{mac-roman}{9D}{00F9}% LATIN SMALL LETTER U WITH GRAVE
3620 \SE@MapDeclare{mac-roman}{9E}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX
3621 \SE@MapDeclare{mac-roman}{9F}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS
3622 \SE@MapDeclare{mac-roman}{A0}{2020}% DAGGER
3623 \SE@MapDeclare{mac-roman}{A1}{00B0}% DEGREE SIGN
3624 \SE@MapDeclare{mac-roman}{A2}{00A2}% CENT SIGN
3625 \SE@MapDeclare{mac-roman}{A3}{00A3}% POUND SIGN
3626 \SE@MapDeclare{mac-roman}{A4}{00A7}% SECTION SIGN
3627 \SE@MapDeclare{mac-roman}{A5}{2022}% BULLET
3628 \SE@MapDeclare{mac-roman}{A6}{00B6}% PILCROW SIGN
3629 \SE@MapDeclare{mac-roman}{A7}{00DF}% LATIN SMALL LETTER SHARP S
3630 \SE@MapDeclare{mac-roman}{A8}{00AE}% REGISTERED SIGN
3631 \SE@MapDeclare{mac-roman}{A9}{00A9}% COPYRIGHT SIGN
3632 \SE@MapDeclare{mac-roman}{AA}{2122}% TRADE MARK SIGN
3633 \SE@MapDeclare{mac-roman}{AB}{00B4}% ACUTE ACCENT
3634 \SE@MapDeclare{mac-roman}{AC}{00A8}% DIAERESIS
3635 \SE@MapDeclare{mac-roman}{AD}{2260}% NOT EQUAL TO
3636 \SE@MapDeclare{mac-roman}{AE}{00C6}% LATIN CAPITAL LETTER AE
3637 \SE@MapDeclare{mac-roman}{AF}{00D8}% LATIN CAPITAL LETTER O WITH STROKE
3638 \SE@MapDeclare{mac-roman}{B0}{221E}% INFINITY
3639 \SE@MapDeclare{mac-roman}{B1}{00B1}% PLUS-MINUS SIGN
3640 \SE@MapDeclare{mac-roman}{B2}{2264}% LESS-THAN OR EQUAL TO
3641 \SE@MapDeclare{mac-roman}{B3}{2265}% GREATER-THAN OR EQUAL TO
3642 \SE@MapDeclare{mac-roman}{B4}{00A5}% YEN SIGN
3643 \SE@MapDeclare{mac-roman}{B5}{00B5}% MICRO SIGN
3644 \SE@MapDeclare{mac-roman}{B6}{2202}% PARTIAL DIFFERENTIAL
3645 \SE@MapDeclare{mac-roman}{B7}{2211}% N-ARY SUMMATION
3646 \SE@MapDeclare{mac-roman}{B8}{220F}% N-ARY PRODUCT
3647 \SE@MapDeclare{mac-roman}{B9}{03C0}% GREEK SMALL LETTER PI
3648 \SE@MapDeclare{mac-roman}{BA}{222B}% INTEGRAL
3649 \SE@MapDeclare{mac-roman}{BB}{00AA}% FEMININE ORDINAL INDICATOR
3650 \SE@MapDeclare{mac-roman}{BC}{00BA}% MASCULINE ORDINAL INDICATOR
3651 \SE@MapDeclare{mac-roman}{BD}{03A9}% GREEK CAPITAL LETTER OMEGA
3652 \SE@MapDeclare{mac-roman}{BE}{00E6}% LATIN SMALL LETTER AE
3653 \SE@MapDeclare{mac-roman}{BF}{00F8}% LATIN SMALL LETTER O WITH STROKE
3654 \SE@MapDeclare{mac-roman}{C0}{00BF}% INVERTED QUESTION MARK

```

```

3655 \SE@MapDeclare{mac-roman}{C1}{00A1}% INVERTED EXCLAMATION MARK
3656 \SE@MapDeclare{mac-roman}{C2}{00AC}% NOT SIGN
3657 \SE@MapDeclare{mac-roman}{C3}{221A}% SQUARE ROOT
3658 \SE@MapDeclare{mac-roman}{C4}{0192}% LATIN SMALL LETTER F WITH HOOK
3659 \SE@MapDeclare{mac-roman}{C5}{2248}% ALMOST EQUAL TO
3660 \SE@MapDeclare{mac-roman}{C6}{2206}% INCREMENT
3661 \SE@MapDeclare{mac-roman}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
3662 \SE@MapDeclare{mac-roman}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
3663 \SE@MapDeclare{mac-roman}{C9}{2026}% HORIZONTAL ELLIPSIS
3664 \SE@MapDeclare{mac-roman}{CA}{00A0}% NO-BREAK SPACE
3665 \SE@MapDeclare{mac-roman}{CB}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE
3666 \SE@MapDeclare{mac-roman}{CC}{00C3}% LATIN CAPITAL LETTER A WITH TILDE
3667 \SE@MapDeclare{mac-roman}{CD}{00D5}% LATIN CAPITAL LETTER O WITH TILDE
3668 \SE@MapDeclare{mac-roman}{CE}{0152}% LATIN CAPITAL LIGATURE OE
3669 \SE@MapDeclare{mac-roman}{CF}{0153}% LATIN SMALL LIGATURE OE
3670 \SE@MapDeclare{mac-roman}{D0}{2013}% EN DASH
3671 \SE@MapDeclare{mac-roman}{D1}{2014}% EM DASH
3672 \SE@MapDeclare{mac-roman}{D2}{201C}% LEFT DOUBLE QUOTATION MARK
3673 \SE@MapDeclare{mac-roman}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK
3674 \SE@MapDeclare{mac-roman}{D4}{2018}% LEFT SINGLE QUOTATION MARK
3675 \SE@MapDeclare{mac-roman}{D5}{2019}% RIGHT SINGLE QUOTATION MARK
3676 \SE@MapDeclare{mac-roman}{D6}{00F7}% DIVISION SIGN
3677 \SE@MapDeclare{mac-roman}{D7}{25CA}% LOZENGE
3678 \SE@MapDeclare{mac-roman}{D8}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS
3679 \SE@MapDeclare{mac-roman}{D9}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS
3680 \SE@MapDeclare{mac-roman}{DA}{2044}% FRACTION SLASH
3681 \SE@MapDeclare{mac-roman}{DB}{20AC}% EURO SIGN
3682 \SE@MapDeclare{mac-roman}{DC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK
3683 \SE@MapDeclare{mac-roman}{DD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
3684 \SE@MapDeclare{mac-roman}{DE}{FB01}% LATIN SMALL LIGATURE FI
3685 \SE@MapDeclare{mac-roman}{DF}{FB02}% LATIN SMALL LIGATURE FL
3686 \SE@MapDeclare{mac-roman}{E0}{2021}% DOUBLE DAGGER
3687 \SE@MapDeclare{mac-roman}{E1}{00B7}% MIDDLE DOT
3688 \SE@MapDeclare{mac-roman}{E2}{201A}% SINGLE LOW-9 QUOTATION MARK
3689 \SE@MapDeclare{mac-roman}{E3}{201E}% DOUBLE LOW-9 QUOTATION MARK
3690 \SE@MapDeclare{mac-roman}{E4}{2030}% PER MILLE SIGN
3691 \SE@MapDeclare{mac-roman}{E5}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX
3692 \SE@MapDeclare{mac-roman}{E6}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX
3693 \SE@MapDeclare{mac-roman}{E7}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE
3694 \SE@MapDeclare{mac-roman}{E8}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS
3695 \SE@MapDeclare{mac-roman}{E9}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE
3696 \SE@MapDeclare{mac-roman}{EA}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE
3697 \SE@MapDeclare{mac-roman}{EB}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX
3698 \SE@MapDeclare{mac-roman}{EC}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS
3699 \SE@MapDeclare{mac-roman}{ED}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE
3700 \SE@MapDeclare{mac-roman}{EE}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
3701 \SE@MapDeclare{mac-roman}{EF}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX
3702 \SE@MapDeclare{mac-roman}{F0}{F8FF}% Apple logo
3703 \SE@MapDeclare{mac-roman}{F1}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE
3704 \SE@MapDeclare{mac-roman}{F2}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE
3705 \SE@MapDeclare{mac-roman}{F3}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX
3706 \SE@MapDeclare{mac-roman}{F4}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE
3707 \SE@MapDeclare{mac-roman}{F5}{0131}% LATIN SMALL LETTER DOTLESS I
3708 \SE@MapDeclare{mac-roman}{F6}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT
3709 \SE@MapDeclare{mac-roman}{F7}{02DC}% SMALL TILDE
3710 \SE@MapDeclare{mac-roman}{F8}{00AF}% MACRON
3711 \SE@MapDeclare{mac-roman}{F9}{02D8}% BREVE
3712 \SE@MapDeclare{mac-roman}{FA}{02D9}% DOT ABOVE
3713 \SE@MapDeclare{mac-roman}{FB}{02DA}% RING ABOVE
3714 \SE@MapDeclare{mac-roman}{FC}{00B8}% CEDILLA
3715 \SE@MapDeclare{mac-roman}{FD}{02DD}% DOUBLE ACUTE ACCENT
3716 \SE@MapDeclare{mac-roman}{FE}{02DB}% OGONEK
3717 \SE@MapDeclare{mac-roman}{FF}{02C7}% CARON
3718 \SE@MapDeclare{mac-roman}{}

```

## dec-mcs

```

3719 \SE@MapDeclare{dec-mcs}{}
3720 \SE@MapDeclare{dec-mcs}{A1}{00A1}% INVERTED EXCLAMATION MARK
3721 \SE@MapDeclare{dec-mcs}{A2}{00A2}% CENT SIGN
3722 \SE@MapDeclare{dec-mcs}{A3}{00A3}% POUND SIGN
3723 \SE@MapDeclare{dec-mcs}{A5}{00A5}% YEN SIGN
3724 \SE@MapDeclare{dec-mcs}{A7}{00A7}% SECTION SIGN
3725 \SE@MapDeclare{dec-mcs}{A8}{00A4}% CURRENCY SIGN
3726 \SE@MapDeclare{dec-mcs}{A9}{00A9}% COPYRIGHT SIGN
3727 \SE@MapDeclare{dec-mcs}{AA}{00AA}% FEMININE ORDINAL INDICATOR
3728 \SE@MapDeclare{dec-mcs}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
3729 \SE@MapDeclare{dec-mcs}{B0}{00B0}% DEGREE SIGN
3730 \SE@MapDeclare{dec-mcs}{B1}{00B1}% PLUS-MINUS SIGN
3731 \SE@MapDeclare{dec-mcs}{B2}{00B2}% SUPERSCRIFT TWO
3732 \SE@MapDeclare{dec-mcs}{B3}{00B3}% SUPERSCRIFT THREE
3733 \SE@MapDeclare{dec-mcs}{B5}{00B5}% MICRO SIGN
3734 \SE@MapDeclare{dec-mcs}{B6}{00B6}% PILCROW SIGN
3735 \SE@MapDeclare{dec-mcs}{B7}{00B7}% MIDDLE DOT
3736 \SE@MapDeclare{dec-mcs}{B9}{00B9}% SUPERSCRIFT ONE

```

3737 \SE@MapDeclare{dec-mcs}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
3738 \SE@MapDeclare{dec-mcs}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
3739 \SE@MapDeclare{dec-mcs}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
3740 \SE@MapDeclare{dec-mcs}{BD}{00BD}% VULGAR FRACTION ONE HALF  
3741 \SE@MapDeclare{dec-mcs}{BF}{00BF}% INVERTED QUESTION MARK  
3742 \SE@MapDeclare{dec-mcs}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
3743 \SE@MapDeclare{dec-mcs}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
3744 \SE@MapDeclare{dec-mcs}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
3745 \SE@MapDeclare{dec-mcs}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
3746 \SE@MapDeclare{dec-mcs}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
3747 \SE@MapDeclare{dec-mcs}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
3748 \SE@MapDeclare{dec-mcs}{C6}{00C6}% LATIN CAPITAL LETTER AE  
3749 \SE@MapDeclare{dec-mcs}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
3750 \SE@MapDeclare{dec-mcs}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
3751 \SE@MapDeclare{dec-mcs}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
3752 \SE@MapDeclare{dec-mcs}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
3753 \SE@MapDeclare{dec-mcs}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
3754 \SE@MapDeclare{dec-mcs}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
3755 \SE@MapDeclare{dec-mcs}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
3756 \SE@MapDeclare{dec-mcs}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
3757 \SE@MapDeclare{dec-mcs}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
3758 \SE@MapDeclare{dec-mcs}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
3759 \SE@MapDeclare{dec-mcs}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
3760 \SE@MapDeclare{dec-mcs}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
3761 \SE@MapDeclare{dec-mcs}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
3762 \SE@MapDeclare{dec-mcs}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
3763 \SE@MapDeclare{dec-mcs}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
3764 \SE@MapDeclare{dec-mcs}{D7}{0152}% LATIN CAPITAL LIGATURE OE  
3765 \SE@MapDeclare{dec-mcs}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
3766 \SE@MapDeclare{dec-mcs}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
3767 \SE@MapDeclare{dec-mcs}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
3768 \SE@MapDeclare{dec-mcs}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
3769 \SE@MapDeclare{dec-mcs}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
3770 \SE@MapDeclare{dec-mcs}{DD}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
3771 \SE@MapDeclare{dec-mcs}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
3772 \SE@MapDeclare{dec-mcs}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
3773 \SE@MapDeclare{dec-mcs}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
3774 \SE@MapDeclare{dec-mcs}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
3775 \SE@MapDeclare{dec-mcs}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
3776 \SE@MapDeclare{dec-mcs}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
3777 \SE@MapDeclare{dec-mcs}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
3778 \SE@MapDeclare{dec-mcs}{E6}{00E6}% LATIN SMALL LETTER AE  
3779 \SE@MapDeclare{dec-mcs}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
3780 \SE@MapDeclare{dec-mcs}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
3781 \SE@MapDeclare{dec-mcs}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
3782 \SE@MapDeclare{dec-mcs}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
3783 \SE@MapDeclare{dec-mcs}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
3784 \SE@MapDeclare{dec-mcs}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
3785 \SE@MapDeclare{dec-mcs}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
3786 \SE@MapDeclare{dec-mcs}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
3787 \SE@MapDeclare{dec-mcs}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
3788 \SE@MapDeclare{dec-mcs}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
3789 \SE@MapDeclare{dec-mcs}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
3790 \SE@MapDeclare{dec-mcs}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
3791 \SE@MapDeclare{dec-mcs}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
3792 \SE@MapDeclare{dec-mcs}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
3793 \SE@MapDeclare{dec-mcs}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
3794 \SE@MapDeclare{dec-mcs}{F7}{0153}% LATIN SMALL LIGATURE OE  
3795 \SE@MapDeclare{dec-mcs}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
3796 \SE@MapDeclare{dec-mcs}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
3797 \SE@MapDeclare{dec-mcs}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
3798 \SE@MapDeclare{dec-mcs}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
3799 \SE@MapDeclare{dec-mcs}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
3800 \SE@MapDeclare{dec-mcs}{FD}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
3801 </dec-mcs>

## cp437

3802 (\*cp437)  
3803 \SE@MapDeclare{cp437}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
3804 \SE@MapDeclare{cp437}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
3805 \SE@MapDeclare{cp437}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
3806 \SE@MapDeclare{cp437}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
3807 \SE@MapDeclare{cp437}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
3808 \SE@MapDeclare{cp437}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
3809 \SE@MapDeclare{cp437}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
3810 \SE@MapDeclare{cp437}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
3811 \SE@MapDeclare{cp437}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
3812 \SE@MapDeclare{cp437}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
3813 \SE@MapDeclare{cp437}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
3814 \SE@MapDeclare{cp437}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
3815 \SE@MapDeclare{cp437}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
3816 \SE@MapDeclare{cp437}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
3817 \SE@MapDeclare{cp437}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
3818 \SE@MapDeclare{cp437}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE

3819 \SE@MapDeclare{cp437}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3820 \SE@MapDeclare{cp437}{91}{00E6}% LATIN SMALL LIGATURE AE  
 3821 \SE@MapDeclare{cp437}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 3822 \SE@MapDeclare{cp437}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3823 \SE@MapDeclare{cp437}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3824 \SE@MapDeclare{cp437}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3825 \SE@MapDeclare{cp437}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3826 \SE@MapDeclare{cp437}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3827 \SE@MapDeclare{cp437}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3828 \SE@MapDeclare{cp437}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3829 \SE@MapDeclare{cp437}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3830 \SE@MapDeclare{cp437}{9B}{00A2}% CENT SIGN  
 3831 \SE@MapDeclare{cp437}{9C}{00A3}% POUND SIGN  
 3832 \SE@MapDeclare{cp437}{9D}{00A5}% YEN SIGN  
 3833 \SE@MapDeclare{cp437}{9E}{20A7}% PESETA SIGN  
 3834 \SE@MapDeclare{cp437}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3835 \SE@MapDeclare{cp437}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3836 \SE@MapDeclare{cp437}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3837 \SE@MapDeclare{cp437}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3838 \SE@MapDeclare{cp437}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3839 \SE@MapDeclare{cp437}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3840 \SE@MapDeclare{cp437}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3841 \SE@MapDeclare{cp437}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 3842 \SE@MapDeclare{cp437}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 3843 \SE@MapDeclare{cp437}{A8}{00BF}% INVERTED QUESTION MARK  
 3844 \SE@MapDeclare{cp437}{A9}{2310}% REVERSED NOT SIGN  
 3845 \SE@MapDeclare{cp437}{AA}{00AC}% NOT SIGN  
 3846 \SE@MapDeclare{cp437}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 3847 \SE@MapDeclare{cp437}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 3848 \SE@MapDeclare{cp437}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 3849 \SE@MapDeclare{cp437}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3850 \SE@MapDeclare{cp437}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3851 \SE@MapDeclare{cp437}{B0}{2591}% LIGHT SHADE  
 3852 \SE@MapDeclare{cp437}{B1}{2592}% MEDIUM SHADE  
 3853 \SE@MapDeclare{cp437}{B2}{2593}% DARK SHADE  
 3854 \SE@MapDeclare{cp437}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 3855 \SE@MapDeclare{cp437}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 3856 \SE@MapDeclare{cp437}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 3857 \SE@MapDeclare{cp437}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 3858 \SE@MapDeclare{cp437}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 3859 \SE@MapDeclare{cp437}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 3860 \SE@MapDeclare{cp437}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 3861 \SE@MapDeclare{cp437}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 3862 \SE@MapDeclare{cp437}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 3863 \SE@MapDeclare{cp437}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 3864 \SE@MapDeclare{cp437}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 3865 \SE@MapDeclare{cp437}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 3866 \SE@MapDeclare{cp437}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 3867 \SE@MapDeclare{cp437}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 3868 \SE@MapDeclare{cp437}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 3869 \SE@MapDeclare{cp437}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 3870 \SE@MapDeclare{cp437}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 3871 \SE@MapDeclare{cp437}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 3872 \SE@MapDeclare{cp437}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 3873 \SE@MapDeclare{cp437}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 3874 \SE@MapDeclare{cp437}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 3875 \SE@MapDeclare{cp437}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 3876 \SE@MapDeclare{cp437}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 3877 \SE@MapDeclare{cp437}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 3878 \SE@MapDeclare{cp437}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 3879 \SE@MapDeclare{cp437}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 3880 \SE@MapDeclare{cp437}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 3881 \SE@MapDeclare{cp437}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 3882 \SE@MapDeclare{cp437}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 3883 \SE@MapDeclare{cp437}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 3884 \SE@MapDeclare{cp437}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 3885 \SE@MapDeclare{cp437}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 3886 \SE@MapDeclare{cp437}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 3887 \SE@MapDeclare{cp437}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 3888 \SE@MapDeclare{cp437}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 3889 \SE@MapDeclare{cp437}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 3890 \SE@MapDeclare{cp437}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 3891 \SE@MapDeclare{cp437}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 3892 \SE@MapDeclare{cp437}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 3893 \SE@MapDeclare{cp437}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 3894 \SE@MapDeclare{cp437}{DB}{2588}% FULL BLOCK  
 3895 \SE@MapDeclare{cp437}{DC}{2584}% LOWER HALF BLOCK  
 3896 \SE@MapDeclare{cp437}{DD}{258C}% LEFT HALF BLOCK  
 3897 \SE@MapDeclare{cp437}{DE}{2590}% RIGHT HALF BLOCK  
 3898 \SE@MapDeclare{cp437}{DF}{2580}% UPPER HALF BLOCK  
 3899 \SE@MapDeclare{cp437}{E0}{03B1}% GREEK SMALL LETTER ALPHA  
 3900 \SE@MapDeclare{cp437}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 3901 \SE@MapDeclare{cp437}{E2}{0393}% GREEK CAPITAL LETTER GAMMA  
 3902 \SE@MapDeclare{cp437}{E3}{03C0}% GREEK SMALL LETTER PI  
 3903 \SE@MapDeclare{cp437}{E4}{03A3}% GREEK CAPITAL LETTER SIGMA  
 3904 \SE@MapDeclare{cp437}{E5}{03C3}% GREEK SMALL LETTER SIGMA

3905 \SE@MapDeclare{cp437}{E6}{00B5}% MICRO SIGN  
 3906 \SE@MapDeclare{cp437}{E7}{03C4}% GREEK SMALL LETTER TAU  
 3907 \SE@MapDeclare{cp437}{E8}{03A6}% GREEK CAPITAL LETTER PHI  
 3908 \SE@MapDeclare{cp437}{E9}{0398}% GREEK CAPITAL LETTER THETA  
 3909 \SE@MapDeclare{cp437}{EA}{03A9}% GREEK CAPITAL LETTER OMEGA  
 3910 \SE@MapDeclare{cp437}{EB}{03B4}% GREEK SMALL LETTER DELTA  
 3911 \SE@MapDeclare{cp437}{EC}{221E}% INFINITY  
 3912 \SE@MapDeclare{cp437}{ED}{03C6}% GREEK SMALL LETTER PHI  
 3913 \SE@MapDeclare{cp437}{EE}{03B5}% GREEK SMALL LETTER EPSILON  
 3914 \SE@MapDeclare{cp437}{EF}{2229}% INTERSECTION  
 3915 \SE@MapDeclare{cp437}{F0}{2261}% IDENTICAL TO  
 3916 \SE@MapDeclare{cp437}{F1}{00B1}% PLUS-MINUS SIGN  
 3917 \SE@MapDeclare{cp437}{F2}{2265}% GREATER-THAN OR EQUAL TO  
 3918 \SE@MapDeclare{cp437}{F3}{2264}% LESS-THAN OR EQUAL TO  
 3919 \SE@MapDeclare{cp437}{F4}{2320}% TOP HALF INTEGRAL  
 3920 \SE@MapDeclare{cp437}{F5}{2321}% BOTTOM HALF INTEGRAL  
 3921 \SE@MapDeclare{cp437}{F6}{00F7}% DIVISION SIGN  
 3922 \SE@MapDeclare{cp437}{F7}{2248}% ALMOST EQUAL TO  
 3923 \SE@MapDeclare{cp437}{F8}{00B0}% DEGREE SIGN  
 3924 \SE@MapDeclare{cp437}{F9}{2219}% BULLET OPERATOR  
 3925 \SE@MapDeclare{cp437}{FA}{00B7}% MIDDLE DOT  
 3926 \SE@MapDeclare{cp437}{FB}{221A}% SQUARE ROOT  
 3927 \SE@MapDeclare{cp437}{FC}{207F}% SUPERScript LATIN SMALL LETTER N  
 3928 \SE@MapDeclare{cp437}{FD}{00B2}% SUPERScript TWO  
 3929 \SE@MapDeclare{cp437}{FE}{25A0}% BLACK SQUARE  
 3930 \SE@MapDeclare{cp437}{FF}{00A0}% NO-BREAK SPACE  
 3931 \</cp437>

## cp850

3932 <\*cp850>  
 3933 \SE@MapDeclare{cp850}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3934 \SE@MapDeclare{cp850}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3935 \SE@MapDeclare{cp850}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3936 \SE@MapDeclare{cp850}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3937 \SE@MapDeclare{cp850}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3938 \SE@MapDeclare{cp850}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3939 \SE@MapDeclare{cp850}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3940 \SE@MapDeclare{cp850}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3941 \SE@MapDeclare{cp850}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3942 \SE@MapDeclare{cp850}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3943 \SE@MapDeclare{cp850}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3944 \SE@MapDeclare{cp850}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3945 \SE@MapDeclare{cp850}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3946 \SE@MapDeclare{cp850}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3947 \SE@MapDeclare{cp850}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3948 \SE@MapDeclare{cp850}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 3949 \SE@MapDeclare{cp850}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3950 \SE@MapDeclare{cp850}{91}{00E6}% LATIN SMALL LIGATURE AE  
 3951 \SE@MapDeclare{cp850}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 3952 \SE@MapDeclare{cp850}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3953 \SE@MapDeclare{cp850}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3954 \SE@MapDeclare{cp850}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3955 \SE@MapDeclare{cp850}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3956 \SE@MapDeclare{cp850}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3957 \SE@MapDeclare{cp850}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3958 \SE@MapDeclare{cp850}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3959 \SE@MapDeclare{cp850}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3960 \SE@MapDeclare{cp850}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3961 \SE@MapDeclare{cp850}{9C}{00A3}% POUND SIGN  
 3962 \SE@MapDeclare{cp850}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3963 \SE@MapDeclare{cp850}{9E}{00D7}% MULTIPLICATION SIGN  
 3964 \SE@MapDeclare{cp850}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3965 \SE@MapDeclare{cp850}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3966 \SE@MapDeclare{cp850}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3967 \SE@MapDeclare{cp850}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3968 \SE@MapDeclare{cp850}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3969 \SE@MapDeclare{cp850}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3970 \SE@MapDeclare{cp850}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3971 \SE@MapDeclare{cp850}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 3972 \SE@MapDeclare{cp850}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 3973 \SE@MapDeclare{cp850}{A8}{00BF}% INVERTED QUESTION MARK  
 3974 \SE@MapDeclare{cp850}{A9}{00AE}% REGISTERED SIGN  
 3975 \SE@MapDeclare{cp850}{AA}{00AC}% NOT SIGN  
 3976 \SE@MapDeclare{cp850}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 3977 \SE@MapDeclare{cp850}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 3978 \SE@MapDeclare{cp850}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 3979 \SE@MapDeclare{cp850}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3980 \SE@MapDeclare{cp850}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3981 \SE@MapDeclare{cp850}{B0}{2591}% LIGHT SHADE  
 3982 \SE@MapDeclare{cp850}{B1}{2592}% MEDIUM SHADE  
 3983 \SE@MapDeclare{cp850}{B2}{2593}% DARK SHADE  
 3984 \SE@MapDeclare{cp850}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 3985 \SE@MapDeclare{cp850}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 3986 \SE@MapDeclare{cp850}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE

3987 \SE@MapDeclare{cp850}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3988 \SE@MapDeclare{cp850}{B7}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3989 \SE@MapDeclare{cp850}{B8}{00A9}% COPYRIGHT SIGN  
 3990 \SE@MapDeclare{cp850}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 3991 \SE@MapDeclare{cp850}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 3992 \SE@MapDeclare{cp850}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 3993 \SE@MapDeclare{cp850}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 3994 \SE@MapDeclare{cp850}{BD}{00A2}% CENT SIGN  
 3995 \SE@MapDeclare{cp850}{BE}{00A5}% YEN SIGN  
 3996 \SE@MapDeclare{cp850}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 3997 \SE@MapDeclare{cp850}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 3998 \SE@MapDeclare{cp850}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 3999 \SE@MapDeclare{cp850}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4000 \SE@MapDeclare{cp850}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4001 \SE@MapDeclare{cp850}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4002 \SE@MapDeclare{cp850}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4003 \SE@MapDeclare{cp850}{C6}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 4004 \SE@MapDeclare{cp850}{C7}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 4005 \SE@MapDeclare{cp850}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4006 \SE@MapDeclare{cp850}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4007 \SE@MapDeclare{cp850}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4008 \SE@MapDeclare{cp850}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4009 \SE@MapDeclare{cp850}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4010 \SE@MapDeclare{cp850}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4011 \SE@MapDeclare{cp850}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4012 \SE@MapDeclare{cp850}{CF}{00A4}% CURRENCY SIGN  
 4013 \SE@MapDeclare{cp850}{D0}{00F0}% LATIN SMALL LETTER ETH  
 4014 \SE@MapDeclare{cp850}{D1}{00D0}% LATIN CAPITAL LETTER ETH  
 4015 \SE@MapDeclare{cp850}{D2}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 4016 \SE@MapDeclare{cp850}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4017 \SE@MapDeclare{cp850}{D4}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 4018 \SE@MapDeclare{cp850}{D5}{0131}% LATIN SMALL LETTER DOTLESS I  
 4019 \SE@MapDeclare{cp850}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4020 \SE@MapDeclare{cp850}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4021 \SE@MapDeclare{cp850}{D8}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 4022 \SE@MapDeclare{cp850}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4023 \SE@MapDeclare{cp850}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4024 \SE@MapDeclare{cp850}{DB}{2588}% FULL BLOCK  
 4025 \SE@MapDeclare{cp850}{DC}{2584}% LOWER HALF BLOCK  
 4026 \SE@MapDeclare{cp850}{DD}{00A6}% BROKEN BAR  
 4027 \SE@MapDeclare{cp850}{DE}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 4028 \SE@MapDeclare{cp850}{DF}{2580}% UPPER HALF BLOCK  
 4029 \SE@MapDeclare{cp850}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4030 \SE@MapDeclare{cp850}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4031 \SE@MapDeclare{cp850}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4032 \SE@MapDeclare{cp850}{E3}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 4033 \SE@MapDeclare{cp850}{E4}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 4034 \SE@MapDeclare{cp850}{E5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 4035 \SE@MapDeclare{cp850}{E6}{00B5}% MICRO SIGN  
 4036 \SE@MapDeclare{cp850}{E7}{00FE}% LATIN SMALL LETTER THORN  
 4037 \SE@MapDeclare{cp850}{E8}{00DE}% LATIN CAPITAL LETTER THORN  
 4038 \SE@MapDeclare{cp850}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4039 \SE@MapDeclare{cp850}{EA}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 4040 \SE@MapDeclare{cp850}{EB}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 4041 \SE@MapDeclare{cp850}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4042 \SE@MapDeclare{cp850}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4043 \SE@MapDeclare{cp850}{EE}{00AF}% MACRON  
 4044 \SE@MapDeclare{cp850}{EF}{00B4}% ACUTE ACCENT  
 4045 \SE@MapDeclare{cp850}{F0}{00AD}% SOFT HYPHEN  
 4046 \SE@MapDeclare{cp850}{F1}{00B1}% PLUS-MINUS SIGN  
 4047 \SE@MapDeclare{cp850}{F2}{2017}% DOUBLE LOW LINE  
 4048 \SE@MapDeclare{cp850}{F3}{00BE}% VULGAR FRACTION THREE QUARTERS  
 4049 \SE@MapDeclare{cp850}{F4}{00B6}% PILCROW SIGN  
 4050 \SE@MapDeclare{cp850}{F5}{00A7}% SECTION SIGN  
 4051 \SE@MapDeclare{cp850}{F6}{00F7}% DIVISION SIGN  
 4052 \SE@MapDeclare{cp850}{F7}{00B8}% CEDILLA  
 4053 \SE@MapDeclare{cp850}{F8}{00B0}% DEGREE SIGN  
 4054 \SE@MapDeclare{cp850}{F9}{00A8}% DIAERESIS  
 4055 \SE@MapDeclare{cp850}{FA}{00B7}% MIDDLE DOT  
 4056 \SE@MapDeclare{cp850}{FB}{00B9}% SUPERScript ONE  
 4057 \SE@MapDeclare{cp850}{FC}{00B3}% SUPERScript THREE  
 4058 \SE@MapDeclare{cp850}{FD}{00B2}% SUPERScript TWO  
 4059 \SE@MapDeclare{cp850}{FE}{25A0}% BLACK SQUARE  
 4060 \SE@MapDeclare{cp850}{FF}{00A0}% NO-BREAK SPACE  
 4061 (/cp850)

## cp852

4062 (\*cp852)  
 4063 \SE@MapDeclare{cp852}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4064 \SE@MapDeclare{cp852}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4065 \SE@MapDeclare{cp852}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4066 \SE@MapDeclare{cp852}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4067 \SE@MapDeclare{cp852}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4068 \SE@MapDeclare{cp852}{85}{016F}% LATIN SMALL LETTER U WITH RING ABOVE

4069 \SE@MapDeclare{cp852}{86}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 4070 \SE@MapDeclare{cp852}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4071 \SE@MapDeclare{cp852}{88}{0142}% LATIN SMALL LETTER L WITH STROKE  
 4072 \SE@MapDeclare{cp852}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4073 \SE@MapDeclare{cp852}{8A}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 4074 \SE@MapDeclare{cp852}{8B}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 4075 \SE@MapDeclare{cp852}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4076 \SE@MapDeclare{cp852}{8D}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 4077 \SE@MapDeclare{cp852}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4078 \SE@MapDeclare{cp852}{8F}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 4079 \SE@MapDeclare{cp852}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4080 \SE@MapDeclare{cp852}{91}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 4081 \SE@MapDeclare{cp852}{92}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 4082 \SE@MapDeclare{cp852}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4083 \SE@MapDeclare{cp852}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4084 \SE@MapDeclare{cp852}{95}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 4085 \SE@MapDeclare{cp852}{96}{013E}% LATIN SMALL LETTER L WITH CARON  
 4086 \SE@MapDeclare{cp852}{97}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 4087 \SE@MapDeclare{cp852}{98}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 4088 \SE@MapDeclare{cp852}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4089 \SE@MapDeclare{cp852}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4090 \SE@MapDeclare{cp852}{9B}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 4091 \SE@MapDeclare{cp852}{9C}{0165}% LATIN SMALL LETTER T WITH CARON  
 4092 \SE@MapDeclare{cp852}{9D}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 4093 \SE@MapDeclare{cp852}{9E}{00D7}% MULTIPLICATION SIGN  
 4094 \SE@MapDeclare{cp852}{9F}{010D}% LATIN SMALL LETTER C WITH CARON  
 4095 \SE@MapDeclare{cp852}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4096 \SE@MapDeclare{cp852}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4097 \SE@MapDeclare{cp852}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4098 \SE@MapDeclare{cp852}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4099 \SE@MapDeclare{cp852}{A4}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 4100 \SE@MapDeclare{cp852}{A5}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 4101 \SE@MapDeclare{cp852}{A6}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 4102 \SE@MapDeclare{cp852}{A7}{017E}% LATIN SMALL LETTER Z WITH CARON  
 4103 \SE@MapDeclare{cp852}{A8}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 4104 \SE@MapDeclare{cp852}{A9}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 4105 \SE@MapDeclare{cp852}{AA}{00AC}% NOT SIGN  
 4106 \SE@MapDeclare{cp852}{AB}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 4107 \SE@MapDeclare{cp852}{AC}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 4108 \SE@MapDeclare{cp852}{AD}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 4109 \SE@MapDeclare{cp852}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4110 \SE@MapDeclare{cp852}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4111 \SE@MapDeclare{cp852}{B0}{2591}% LIGHT SHADE  
 4112 \SE@MapDeclare{cp852}{B1}{2592}% MEDIUM SHADE  
 4113 \SE@MapDeclare{cp852}{B2}{2593}% DARK SHADE  
 4114 \SE@MapDeclare{cp852}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4115 \SE@MapDeclare{cp852}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4116 \SE@MapDeclare{cp852}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4117 \SE@MapDeclare{cp852}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4118 \SE@MapDeclare{cp852}{B7}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 4119 \SE@MapDeclare{cp852}{B8}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 4120 \SE@MapDeclare{cp852}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4121 \SE@MapDeclare{cp852}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4122 \SE@MapDeclare{cp852}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4123 \SE@MapDeclare{cp852}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4124 \SE@MapDeclare{cp852}{BD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 4125 \SE@MapDeclare{cp852}{BE}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 4126 \SE@MapDeclare{cp852}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4127 \SE@MapDeclare{cp852}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4128 \SE@MapDeclare{cp852}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4129 \SE@MapDeclare{cp852}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4130 \SE@MapDeclare{cp852}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4131 \SE@MapDeclare{cp852}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4132 \SE@MapDeclare{cp852}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4133 \SE@MapDeclare{cp852}{C6}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 4134 \SE@MapDeclare{cp852}{C7}{0103}% LATIN SMALL LETTER A WITH BREVE  
 4135 \SE@MapDeclare{cp852}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4136 \SE@MapDeclare{cp852}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4137 \SE@MapDeclare{cp852}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4138 \SE@MapDeclare{cp852}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4139 \SE@MapDeclare{cp852}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4140 \SE@MapDeclare{cp852}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4141 \SE@MapDeclare{cp852}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4142 \SE@MapDeclare{cp852}{CF}{00A4}% CURRENCY SIGN  
 4143 \SE@MapDeclare{cp852}{D0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 4144 \SE@MapDeclare{cp852}{D1}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 4145 \SE@MapDeclare{cp852}{D2}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 4146 \SE@MapDeclare{cp852}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4147 \SE@MapDeclare{cp852}{D4}{010F}% LATIN SMALL LETTER D WITH CARON  
 4148 \SE@MapDeclare{cp852}{D5}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 4149 \SE@MapDeclare{cp852}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4150 \SE@MapDeclare{cp852}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4151 \SE@MapDeclare{cp852}{D8}{011B}% LATIN SMALL LETTER E WITH CARON  
 4152 \SE@MapDeclare{cp852}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4153 \SE@MapDeclare{cp852}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4154 \SE@MapDeclare{cp852}{DB}{2588}% FULL BLOCK

4155 \SE@MapDeclare{cp852}{DC}{2584}% LOWER HALF BLOCK  
 4156 \SE@MapDeclare{cp852}{DD}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 4157 \SE@MapDeclare{cp852}{DE}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 4158 \SE@MapDeclare{cp852}{DF}{2580}% UPPER HALF BLOCK  
 4159 \SE@MapDeclare{cp852}{EO}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4160 \SE@MapDeclare{cp852}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4161 \SE@MapDeclare{cp852}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4162 \SE@MapDeclare{cp852}{E3}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 4163 \SE@MapDeclare{cp852}{E4}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 4164 \SE@MapDeclare{cp852}{E5}{0148}% LATIN SMALL LETTER N WITH CARON  
 4165 \SE@MapDeclare{cp852}{E6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 4166 \SE@MapDeclare{cp852}{E7}{0161}% LATIN SMALL LETTER S WITH CARON  
 4167 \SE@MapDeclare{cp852}{E8}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 4168 \SE@MapDeclare{cp852}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4169 \SE@MapDeclare{cp852}{EA}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 4170 \SE@MapDeclare{cp852}{EB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 4171 \SE@MapDeclare{cp852}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4172 \SE@MapDeclare{cp852}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4173 \SE@MapDeclare{cp852}{EE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 4174 \SE@MapDeclare{cp852}{EF}{00B4}% ACUTE ACCENT  
 4175 \SE@MapDeclare{cp852}{F0}{00AD}% SOFT HYPHEN  
 4176 \SE@MapDeclare{cp852}{F1}{02DD}% DOUBLE ACUTE ACCENT  
 4177 \SE@MapDeclare{cp852}{F2}{02DB}% OGONEK  
 4178 \SE@MapDeclare{cp852}{F3}{02C7}% CARON  
 4179 \SE@MapDeclare{cp852}{F4}{02D8}% BREVE  
 4180 \SE@MapDeclare{cp852}{F5}{00A7}% SECTION SIGN  
 4181 \SE@MapDeclare{cp852}{F6}{00F7}% DIVISION SIGN  
 4182 \SE@MapDeclare{cp852}{F7}{00B8}% CEDILLA  
 4183 \SE@MapDeclare{cp852}{F8}{00B0}% DEGREE SIGN  
 4184 \SE@MapDeclare{cp852}{F9}{00A8}% DIAERESIS  
 4185 \SE@MapDeclare{cp852}{FA}{02D9}% DOT ABOVE  
 4186 \SE@MapDeclare{cp852}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 4187 \SE@MapDeclare{cp852}{FC}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 4188 \SE@MapDeclare{cp852}{FD}{0159}% LATIN SMALL LETTER R WITH CARON  
 4189 \SE@MapDeclare{cp852}{FE}{25A0}% BLACK SQUARE  
 4190 \SE@MapDeclare{cp852}{FF}{00A0}% NO-BREAK SPACE  
 4191 </cp852>

## cp855

4192 < \*cp855>  
 4193 \SE@MapDeclare{cp855}{80}{0452}% CYRILLIC SMALL LETTER DJE  
 4194 \SE@MapDeclare{cp855}{81}{0402}% CYRILLIC CAPITAL LETTER DJE  
 4195 \SE@MapDeclare{cp855}{82}{0453}% CYRILLIC SMALL LETTER GJE  
 4196 \SE@MapDeclare{cp855}{83}{0403}% CYRILLIC CAPITAL LETTER GJE  
 4197 \SE@MapDeclare{cp855}{84}{0451}% CYRILLIC SMALL LETTER IO  
 4198 \SE@MapDeclare{cp855}{85}{0401}% CYRILLIC CAPITAL LETTER IO  
 4199 \SE@MapDeclare{cp855}{86}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4200 \SE@MapDeclare{cp855}{87}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4201 \SE@MapDeclare{cp855}{88}{0455}% CYRILLIC SMALL LETTER DZE  
 4202 \SE@MapDeclare{cp855}{89}{0405}% CYRILLIC CAPITAL LETTER DZE  
 4203 \SE@MapDeclare{cp855}{8A}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 4204 \SE@MapDeclare{cp855}{8B}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 4205 \SE@MapDeclare{cp855}{8C}{0457}% CYRILLIC SMALL LETTER YI  
 4206 \SE@MapDeclare{cp855}{8D}{0407}% CYRILLIC CAPITAL LETTER YI  
 4207 \SE@MapDeclare{cp855}{8E}{0458}% CYRILLIC SMALL LETTER JE  
 4208 \SE@MapDeclare{cp855}{8F}{0408}% CYRILLIC CAPITAL LETTER JE  
 4209 \SE@MapDeclare{cp855}{90}{0459}% CYRILLIC SMALL LETTER LJE  
 4210 \SE@MapDeclare{cp855}{91}{0409}% CYRILLIC CAPITAL LETTER LJE  
 4211 \SE@MapDeclare{cp855}{92}{045A}% CYRILLIC SMALL LETTER NJE  
 4212 \SE@MapDeclare{cp855}{93}{040A}% CYRILLIC CAPITAL LETTER NJE  
 4213 \SE@MapDeclare{cp855}{94}{045B}% CYRILLIC SMALL LETTER TSHE  
 4214 \SE@MapDeclare{cp855}{95}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 4215 \SE@MapDeclare{cp855}{96}{045C}% CYRILLIC SMALL LETTER KJE  
 4216 \SE@MapDeclare{cp855}{97}{040C}% CYRILLIC CAPITAL LETTER KJE  
 4217 \SE@MapDeclare{cp855}{98}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4218 \SE@MapDeclare{cp855}{99}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4219 \SE@MapDeclare{cp855}{9A}{045F}% CYRILLIC SMALL LETTER DZHE  
 4220 \SE@MapDeclare{cp855}{9B}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 4221 \SE@MapDeclare{cp855}{9C}{044E}% CYRILLIC SMALL LETTER YU  
 4222 \SE@MapDeclare{cp855}{9D}{042E}% CYRILLIC CAPITAL LETTER YU  
 4223 \SE@MapDeclare{cp855}{9E}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4224 \SE@MapDeclare{cp855}{9F}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4225 \SE@MapDeclare{cp855}{A0}{0430}% CYRILLIC SMALL LETTER A  
 4226 \SE@MapDeclare{cp855}{A1}{0410}% CYRILLIC CAPITAL LETTER A  
 4227 \SE@MapDeclare{cp855}{A2}{0431}% CYRILLIC SMALL LETTER BE  
 4228 \SE@MapDeclare{cp855}{A3}{0411}% CYRILLIC CAPITAL LETTER BE  
 4229 \SE@MapDeclare{cp855}{A4}{0446}% CYRILLIC SMALL LETTER TSE  
 4230 \SE@MapDeclare{cp855}{A5}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4231 \SE@MapDeclare{cp855}{A6}{0434}% CYRILLIC SMALL LETTER DE  
 4232 \SE@MapDeclare{cp855}{A7}{0414}% CYRILLIC CAPITAL LETTER DE  
 4233 \SE@MapDeclare{cp855}{A8}{0435}% CYRILLIC SMALL LETTER IE  
 4234 \SE@MapDeclare{cp855}{A9}{0415}% CYRILLIC CAPITAL LETTER IE  
 4235 \SE@MapDeclare{cp855}{AA}{0444}% CYRILLIC SMALL LETTER EF  
 4236 \SE@MapDeclare{cp855}{AB}{0424}% CYRILLIC CAPITAL LETTER EF



4237 \SE@MapDeclare{cp855}{AC}{0433}% CYRILLIC SMALL LETTER GHE  
 4238 \SE@MapDeclare{cp855}{AD}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4239 \SE@MapDeclare{cp855}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4240 \SE@MapDeclare{cp855}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4241 \SE@MapDeclare{cp855}{B0}{2591}% LIGHT SHADE  
 4242 \SE@MapDeclare{cp855}{B1}{2592}% MEDIUM SHADE  
 4243 \SE@MapDeclare{cp855}{B2}{2593}% DARK SHADE  
 4244 \SE@MapDeclare{cp855}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4245 \SE@MapDeclare{cp855}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4246 \SE@MapDeclare{cp855}{B5}{0445}% CYRILLIC SMALL LETTER HA  
 4247 \SE@MapDeclare{cp855}{B6}{0425}% CYRILLIC CAPITAL LETTER HA  
 4248 \SE@MapDeclare{cp855}{B7}{0438}% CYRILLIC SMALL LETTER I  
 4249 \SE@MapDeclare{cp855}{B8}{0418}% CYRILLIC CAPITAL LETTER I  
 4250 \SE@MapDeclare{cp855}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4251 \SE@MapDeclare{cp855}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4252 \SE@MapDeclare{cp855}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4253 \SE@MapDeclare{cp855}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4254 \SE@MapDeclare{cp855}{BD}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4255 \SE@MapDeclare{cp855}{BE}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4256 \SE@MapDeclare{cp855}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4257 \SE@MapDeclare{cp855}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4258 \SE@MapDeclare{cp855}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4259 \SE@MapDeclare{cp855}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4260 \SE@MapDeclare{cp855}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4261 \SE@MapDeclare{cp855}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4262 \SE@MapDeclare{cp855}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4263 \SE@MapDeclare{cp855}{C6}{043A}% CYRILLIC SMALL LETTER KA  
 4264 \SE@MapDeclare{cp855}{C7}{041A}% CYRILLIC CAPITAL LETTER KA  
 4265 \SE@MapDeclare{cp855}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4266 \SE@MapDeclare{cp855}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4267 \SE@MapDeclare{cp855}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4268 \SE@MapDeclare{cp855}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4269 \SE@MapDeclare{cp855}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4270 \SE@MapDeclare{cp855}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4271 \SE@MapDeclare{cp855}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4272 \SE@MapDeclare{cp855}{CF}{00A4}% CURRENCY SIGN  
 4273 \SE@MapDeclare{cp855}{D0}{043B}% CYRILLIC SMALL LETTER EL  
 4274 \SE@MapDeclare{cp855}{D1}{041B}% CYRILLIC CAPITAL LETTER EL  
 4275 \SE@MapDeclare{cp855}{D2}{043C}% CYRILLIC SMALL LETTER EM  
 4276 \SE@MapDeclare{cp855}{D3}{041C}% CYRILLIC CAPITAL LETTER EM  
 4277 \SE@MapDeclare{cp855}{D4}{043D}% CYRILLIC SMALL LETTER EN  
 4278 \SE@MapDeclare{cp855}{D5}{041D}% CYRILLIC CAPITAL LETTER EN  
 4279 \SE@MapDeclare{cp855}{D6}{043E}% CYRILLIC SMALL LETTER O  
 4280 \SE@MapDeclare{cp855}{D7}{041E}% CYRILLIC CAPITAL LETTER O  
 4281 \SE@MapDeclare{cp855}{D8}{043F}% CYRILLIC SMALL LETTER PE  
 4282 \SE@MapDeclare{cp855}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4283 \SE@MapDeclare{cp855}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4284 \SE@MapDeclare{cp855}{DB}{2588}% FULL BLOCK  
 4285 \SE@MapDeclare{cp855}{DC}{2584}% LOWER HALF BLOCK  
 4286 \SE@MapDeclare{cp855}{DD}{041F}% CYRILLIC CAPITAL LETTER PE  
 4287 \SE@MapDeclare{cp855}{DE}{044F}% CYRILLIC SMALL LETTER YA  
 4288 \SE@MapDeclare{cp855}{DF}{2580}% UPPER HALF BLOCK  
 4289 \SE@MapDeclare{cp855}{E0}{042F}% CYRILLIC CAPITAL LETTER YA  
 4290 \SE@MapDeclare{cp855}{E1}{0440}% CYRILLIC SMALL LETTER ER  
 4291 \SE@MapDeclare{cp855}{E2}{0420}% CYRILLIC CAPITAL LETTER ER  
 4292 \SE@MapDeclare{cp855}{E3}{0441}% CYRILLIC SMALL LETTER ES  
 4293 \SE@MapDeclare{cp855}{E4}{0421}% CYRILLIC CAPITAL LETTER ES  
 4294 \SE@MapDeclare{cp855}{E5}{0442}% CYRILLIC SMALL LETTER TE  
 4295 \SE@MapDeclare{cp855}{E6}{0422}% CYRILLIC CAPITAL LETTER TE  
 4296 \SE@MapDeclare{cp855}{E7}{0443}% CYRILLIC SMALL LETTER U  
 4297 \SE@MapDeclare{cp855}{E8}{0423}% CYRILLIC CAPITAL LETTER U  
 4298 \SE@MapDeclare{cp855}{E9}{0436}% CYRILLIC SMALL LETTER ZHE  
 4299 \SE@MapDeclare{cp855}{EA}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4300 \SE@MapDeclare{cp855}{EB}{0432}% CYRILLIC SMALL LETTER VE  
 4301 \SE@MapDeclare{cp855}{EC}{0412}% CYRILLIC CAPITAL LETTER VE  
 4302 \SE@MapDeclare{cp855}{ED}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4303 \SE@MapDeclare{cp855}{EE}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4304 \SE@MapDeclare{cp855}{EF}{2116}% NUMERO SIGN  
 4305 \SE@MapDeclare{cp855}{F0}{00AD}% SOFT HYPHEN  
 4306 \SE@MapDeclare{cp855}{F1}{044B}% CYRILLIC SMALL LETTER YERU  
 4307 \SE@MapDeclare{cp855}{F2}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4308 \SE@MapDeclare{cp855}{F3}{0437}% CYRILLIC SMALL LETTER ZE  
 4309 \SE@MapDeclare{cp855}{F4}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4310 \SE@MapDeclare{cp855}{F5}{0448}% CYRILLIC SMALL LETTER SHA  
 4311 \SE@MapDeclare{cp855}{F6}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4312 \SE@MapDeclare{cp855}{F7}{044D}% CYRILLIC SMALL LETTER E  
 4313 \SE@MapDeclare{cp855}{F8}{042D}% CYRILLIC CAPITAL LETTER E  
 4314 \SE@MapDeclare{cp855}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4315 \SE@MapDeclare{cp855}{FA}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4316 \SE@MapDeclare{cp855}{FB}{0447}% CYRILLIC SMALL LETTER CHE  
 4317 \SE@MapDeclare{cp855}{FC}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4318 \SE@MapDeclare{cp855}{FD}{00A7}% SECTION SIGN  
 4319 \SE@MapDeclare{cp855}{FE}{25A0}% BLACK SQUARE  
 4320 \SE@MapDeclare{cp855}{FF}{00A0}% NO-BREAK SPACE  
 4321 (/cp855)

## cp858

4322 (\*cp858)  
4323 \SE@MapDeclare{cp858}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
4324 \SE@MapDeclare{cp858}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
4325 \SE@MapDeclare{cp858}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
4326 \SE@MapDeclare{cp858}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
4327 \SE@MapDeclare{cp858}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
4328 \SE@MapDeclare{cp858}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
4329 \SE@MapDeclare{cp858}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
4330 \SE@MapDeclare{cp858}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
4331 \SE@MapDeclare{cp858}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
4332 \SE@MapDeclare{cp858}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
4333 \SE@MapDeclare{cp858}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
4334 \SE@MapDeclare{cp858}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
4335 \SE@MapDeclare{cp858}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
4336 \SE@MapDeclare{cp858}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
4337 \SE@MapDeclare{cp858}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
4338 \SE@MapDeclare{cp858}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
4339 \SE@MapDeclare{cp858}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
4340 \SE@MapDeclare{cp858}{91}{00E6}% LATIN SMALL LIGATURE AE  
4341 \SE@MapDeclare{cp858}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
4342 \SE@MapDeclare{cp858}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
4343 \SE@MapDeclare{cp858}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
4344 \SE@MapDeclare{cp858}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
4345 \SE@MapDeclare{cp858}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
4346 \SE@MapDeclare{cp858}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
4347 \SE@MapDeclare{cp858}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
4348 \SE@MapDeclare{cp858}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
4349 \SE@MapDeclare{cp858}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
4350 \SE@MapDeclare{cp858}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
4351 \SE@MapDeclare{cp858}{9C}{00A3}% POUND SIGN  
4352 \SE@MapDeclare{cp858}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
4353 \SE@MapDeclare{cp858}{9E}{00D7}% MULTIPLICATION SIGN  
4354 \SE@MapDeclare{cp858}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
4355 \SE@MapDeclare{cp858}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
4356 \SE@MapDeclare{cp858}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
4357 \SE@MapDeclare{cp858}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
4358 \SE@MapDeclare{cp858}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
4359 \SE@MapDeclare{cp858}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
4360 \SE@MapDeclare{cp858}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
4361 \SE@MapDeclare{cp858}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
4362 \SE@MapDeclare{cp858}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
4363 \SE@MapDeclare{cp858}{A8}{00BF}% INVERTED QUESTION MARK  
4364 \SE@MapDeclare{cp858}{A9}{00AE}% REGISTERED SIGN  
4365 \SE@MapDeclare{cp858}{AA}{00AC}% NOT SIGN  
4366 \SE@MapDeclare{cp858}{AB}{00BD}% VULGAR FRACTION ONE HALF  
4367 \SE@MapDeclare{cp858}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
4368 \SE@MapDeclare{cp858}{AD}{00A1}% INVERTED EXCLAMATION MARK  
4369 \SE@MapDeclare{cp858}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
4370 \SE@MapDeclare{cp858}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
4371 \SE@MapDeclare{cp858}{B0}{2591}% LIGHT SHADE  
4372 \SE@MapDeclare{cp858}{B1}{2592}% MEDIUM SHADE  
4373 \SE@MapDeclare{cp858}{B2}{2593}% DARK SHADE  
4374 \SE@MapDeclare{cp858}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
4375 \SE@MapDeclare{cp858}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
4376 \SE@MapDeclare{cp858}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
4377 \SE@MapDeclare{cp858}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
4378 \SE@MapDeclare{cp858}{B7}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
4379 \SE@MapDeclare{cp858}{B8}{00A9}% COPYRIGHT SIGN  
4380 \SE@MapDeclare{cp858}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
4381 \SE@MapDeclare{cp858}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
4382 \SE@MapDeclare{cp858}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
4383 \SE@MapDeclare{cp858}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
4384 \SE@MapDeclare{cp858}{BD}{00A2}% CENT SIGN  
4385 \SE@MapDeclare{cp858}{BE}{00A5}% YEN SIGN  
4386 \SE@MapDeclare{cp858}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
4387 \SE@MapDeclare{cp858}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
4388 \SE@MapDeclare{cp858}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
4389 \SE@MapDeclare{cp858}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
4390 \SE@MapDeclare{cp858}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
4391 \SE@MapDeclare{cp858}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
4392 \SE@MapDeclare{cp858}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
4393 \SE@MapDeclare{cp858}{C6}{00E3}% LATIN SMALL LETTER A WITH TILDE  
4394 \SE@MapDeclare{cp858}{C7}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
4395 \SE@MapDeclare{cp858}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
4396 \SE@MapDeclare{cp858}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
4397 \SE@MapDeclare{cp858}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
4398 \SE@MapDeclare{cp858}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
4399 \SE@MapDeclare{cp858}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
4400 \SE@MapDeclare{cp858}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
4401 \SE@MapDeclare{cp858}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
4402 \SE@MapDeclare{cp858}{CF}{00A4}% CURRENCY SIGN  
4403 \SE@MapDeclare{cp858}{D0}{00F0}% LATIN SMALL LETTER ETH  
4404 \SE@MapDeclare{cp858}{D1}{00D0}% LATIN CAPITAL LETTER ETH  
4405 \SE@MapDeclare{cp858}{D2}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX

```

4406 \SE@MapDeclare{cp858}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS
4407 \SE@MapDeclare{cp858}{D4}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE
4408 \SE@MapDeclare{cp858}{D5}{20AC}% EURO SIGN
4409 \SE@MapDeclare{cp858}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE
4410 \SE@MapDeclare{cp858}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX
4411 \SE@MapDeclare{cp858}{D8}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS
4412 \SE@MapDeclare{cp858}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT
4413 \SE@MapDeclare{cp858}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT
4414 \SE@MapDeclare{cp858}{DB}{2588}% FULL BLOCK
4415 \SE@MapDeclare{cp858}{DC}{2584}% LOWER HALF BLOCK
4416 \SE@MapDeclare{cp858}{DD}{00A6}% BROKEN BAR
4417 \SE@MapDeclare{cp858}{DE}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE
4418 \SE@MapDeclare{cp858}{DF}{2580}% UPPER HALF BLOCK
4419 \SE@MapDeclare{cp858}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
4420 \SE@MapDeclare{cp858}{E1}{00DF}% LATIN SMALL LETTER SHARP S
4421 \SE@MapDeclare{cp858}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX
4422 \SE@MapDeclare{cp858}{E3}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE
4423 \SE@MapDeclare{cp858}{E4}{00F5}% LATIN SMALL LETTER O WITH TILDE
4424 \SE@MapDeclare{cp858}{E5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE
4425 \SE@MapDeclare{cp858}{E6}{00B5}% MICRO SIGN
4426 \SE@MapDeclare{cp858}{E7}{00FE}% LATIN SMALL LETTER THORN
4427 \SE@MapDeclare{cp858}{E8}{00DE}% LATIN CAPITAL LETTER THORN
4428 \SE@MapDeclare{cp858}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE
4429 \SE@MapDeclare{cp858}{EA}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX
4430 \SE@MapDeclare{cp858}{EB}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE
4431 \SE@MapDeclare{cp858}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE
4432 \SE@MapDeclare{cp858}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE
4433 \SE@MapDeclare{cp858}{EE}{00AF}% MACRON
4434 \SE@MapDeclare{cp858}{EF}{00B4}% ACUTE ACCENT
4435 \SE@MapDeclare{cp858}{F0}{00AD}% SOFT HYPHEN
4436 \SE@MapDeclare{cp858}{F1}{00B1}% PLUS-MINUS SIGN
4437 \SE@MapDeclare{cp858}{F2}{2017}% DOUBLE LOW LINE
4438 \SE@MapDeclare{cp858}{F3}{00BE}% VULGAR FRACTION THREE QUARTERS
4439 \SE@MapDeclare{cp858}{F4}{00B6}% PILCROW SIGN
4440 \SE@MapDeclare{cp858}{F5}{00A7}% SECTION SIGN
4441 \SE@MapDeclare{cp858}{F6}{00F7}% DIVISION SIGN
4442 \SE@MapDeclare{cp858}{F7}{00B8}% CEDILLA
4443 \SE@MapDeclare{cp858}{F8}{00B0}% DEGREE SIGN
4444 \SE@MapDeclare{cp858}{F9}{00A8}% DIAERESIS
4445 \SE@MapDeclare{cp858}{FA}{00B7}% MIDDLE DOT
4446 \SE@MapDeclare{cp858}{FB}{00B9}% SUPERSCRIPIT ONE
4447 \SE@MapDeclare{cp858}{FC}{00B3}% SUPERSCRIPIT THREE
4448 \SE@MapDeclare{cp858}{FD}{00B2}% SUPERSCRIPIT TWO
4449 \SE@MapDeclare{cp858}{FE}{25A0}% BLACK SQUARE
4450 \SE@MapDeclare{cp858}{FF}{00A0}% NO-BREAK SPACE
4451 \SE@MapDeclare{cp858}

```

## cp865

```

4452 \SE@MapDeclare{cp865}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA
4453 \SE@MapDeclare{cp865}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS
4454 \SE@MapDeclare{cp865}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE
4455 \SE@MapDeclare{cp865}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX
4456 \SE@MapDeclare{cp865}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS
4457 \SE@MapDeclare{cp865}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE
4458 \SE@MapDeclare{cp865}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE
4459 \SE@MapDeclare{cp865}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA
4460 \SE@MapDeclare{cp865}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX
4461 \SE@MapDeclare{cp865}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS
4462 \SE@MapDeclare{cp865}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE
4463 \SE@MapDeclare{cp865}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS
4464 \SE@MapDeclare{cp865}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX
4465 \SE@MapDeclare{cp865}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE
4466 \SE@MapDeclare{cp865}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS
4467 \SE@MapDeclare{cp865}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE
4468 \SE@MapDeclare{cp865}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE
4469 \SE@MapDeclare{cp865}{91}{00E6}% LATIN SMALL LIGATURE AE
4470 \SE@MapDeclare{cp865}{92}{00C6}% LATIN CAPITAL LIGATURE AE
4471 \SE@MapDeclare{cp865}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX
4472 \SE@MapDeclare{cp865}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS
4473 \SE@MapDeclare{cp865}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE
4474 \SE@MapDeclare{cp865}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX
4475 \SE@MapDeclare{cp865}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE
4476 \SE@MapDeclare{cp865}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS
4477 \SE@MapDeclare{cp865}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS
4478 \SE@MapDeclare{cp865}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS
4479 \SE@MapDeclare{cp865}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE
4480 \SE@MapDeclare{cp865}{9C}{00A3}% POUND SIGN
4481 \SE@MapDeclare{cp865}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE
4482 \SE@MapDeclare{cp865}{9E}{20A7}% PESETA SIGN
4483 \SE@MapDeclare{cp865}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK
4484 \SE@MapDeclare{cp865}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE
4485 \SE@MapDeclare{cp865}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE
4486 \SE@MapDeclare{cp865}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE

```

4488 \SE@MapDeclare{cp865}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4489 \SE@MapDeclare{cp865}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 4490 \SE@MapDeclare{cp865}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 4491 \SE@MapDeclare{cp865}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 4492 \SE@MapDeclare{cp865}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 4493 \SE@MapDeclare{cp865}{A8}{00BF}% INVERTED QUESTION MARK  
 4494 \SE@MapDeclare{cp865}{A9}{2310}% REVERSED NOT SIGN  
 4495 \SE@MapDeclare{cp865}{AA}{00AC}% NOT SIGN  
 4496 \SE@MapDeclare{cp865}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 4497 \SE@MapDeclare{cp865}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4498 \SE@MapDeclare{cp865}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 4499 \SE@MapDeclare{cp865}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4500 \SE@MapDeclare{cp865}{AF}{00A4}% CURRENCY SIGN  
 4501 \SE@MapDeclare{cp865}{B0}{2591}% LIGHT SHADE  
 4502 \SE@MapDeclare{cp865}{B1}{2592}% MEDIUM SHADE  
 4503 \SE@MapDeclare{cp865}{B2}{2593}% DARK SHADE  
 4504 \SE@MapDeclare{cp865}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4505 \SE@MapDeclare{cp865}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4506 \SE@MapDeclare{cp865}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 4507 \SE@MapDeclare{cp865}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 4508 \SE@MapDeclare{cp865}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 4509 \SE@MapDeclare{cp865}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 4510 \SE@MapDeclare{cp865}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4511 \SE@MapDeclare{cp865}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4512 \SE@MapDeclare{cp865}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4513 \SE@MapDeclare{cp865}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4514 \SE@MapDeclare{cp865}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 4515 \SE@MapDeclare{cp865}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 4516 \SE@MapDeclare{cp865}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4517 \SE@MapDeclare{cp865}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4518 \SE@MapDeclare{cp865}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4519 \SE@MapDeclare{cp865}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4520 \SE@MapDeclare{cp865}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4521 \SE@MapDeclare{cp865}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4522 \SE@MapDeclare{cp865}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4523 \SE@MapDeclare{cp865}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 4524 \SE@MapDeclare{cp865}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 4525 \SE@MapDeclare{cp865}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4526 \SE@MapDeclare{cp865}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4527 \SE@MapDeclare{cp865}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4528 \SE@MapDeclare{cp865}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4529 \SE@MapDeclare{cp865}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4530 \SE@MapDeclare{cp865}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4531 \SE@MapDeclare{cp865}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4532 \SE@MapDeclare{cp865}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 4533 \SE@MapDeclare{cp865}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 4534 \SE@MapDeclare{cp865}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 4535 \SE@MapDeclare{cp865}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 4536 \SE@MapDeclare{cp865}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 4537 \SE@MapDeclare{cp865}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 4538 \SE@MapDeclare{cp865}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 4539 \SE@MapDeclare{cp865}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 4540 \SE@MapDeclare{cp865}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 4541 \SE@MapDeclare{cp865}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 4542 \SE@MapDeclare{cp865}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4543 \SE@MapDeclare{cp865}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4544 \SE@MapDeclare{cp865}{DB}{2588}% FULL BLOCK  
 4545 \SE@MapDeclare{cp865}{DC}{2584}% LOWER HALF BLOCK  
 4546 \SE@MapDeclare{cp865}{DD}{258C}% LEFT HALF BLOCK  
 4547 \SE@MapDeclare{cp865}{DE}{2590}% RIGHT HALF BLOCK  
 4548 \SE@MapDeclare{cp865}{DF}{2580}% UPPER HALF BLOCK  
 4549 \SE@MapDeclare{cp865}{E0}{03B1}% GREEK SMALL LETTER ALPHA  
 4550 \SE@MapDeclare{cp865}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4551 \SE@MapDeclare{cp865}{E2}{0393}% GREEK CAPITAL LETTER GAMMA  
 4552 \SE@MapDeclare{cp865}{E3}{03C0}% GREEK SMALL LETTER PI  
 4553 \SE@MapDeclare{cp865}{E4}{03A3}% GREEK CAPITAL LETTER SIGMA  
 4554 \SE@MapDeclare{cp865}{E5}{03C3}% GREEK SMALL LETTER SIGMA  
 4555 \SE@MapDeclare{cp865}{E6}{00B5}% MICRO SIGN  
 4556 \SE@MapDeclare{cp865}{E7}{03C4}% GREEK SMALL LETTER TAU  
 4557 \SE@MapDeclare{cp865}{E8}{03A6}% GREEK CAPITAL LETTER PHI  
 4558 \SE@MapDeclare{cp865}{E9}{0398}% GREEK CAPITAL LETTER THETA  
 4559 \SE@MapDeclare{cp865}{EA}{03A9}% GREEK CAPITAL LETTER OMEGA  
 4560 \SE@MapDeclare{cp865}{EB}{03B4}% GREEK SMALL LETTER DELTA  
 4561 \SE@MapDeclare{cp865}{EC}{221E}% INFINITY  
 4562 \SE@MapDeclare{cp865}{ED}{03C6}% GREEK SMALL LETTER PHI  
 4563 \SE@MapDeclare{cp865}{EE}{03B5}% GREEK SMALL LETTER EPSILON  
 4564 \SE@MapDeclare{cp865}{EF}{2229}% INTERSECTION  
 4565 \SE@MapDeclare{cp865}{F0}{2261}% IDENTICAL TO  
 4566 \SE@MapDeclare{cp865}{F1}{00B1}% PLUS-MINUS SIGN  
 4567 \SE@MapDeclare{cp865}{F2}{2265}% GREATER-THAN OR EQUAL TO  
 4568 \SE@MapDeclare{cp865}{F3}{2264}% LESS-THAN OR EQUAL TO  
 4569 \SE@MapDeclare{cp865}{F4}{2320}% TOP HALF INTEGRAL  
 4570 \SE@MapDeclare{cp865}{F5}{2321}% BOTTOM HALF INTEGRAL  
 4571 \SE@MapDeclare{cp865}{F6}{00F7}% DIVISION SIGN  
 4572 \SE@MapDeclare{cp865}{F7}{2248}% ALMOST EQUAL TO  
 4573 \SE@MapDeclare{cp865}{F8}{00B0}% DEGREE SIGN

4574 \SE@MapDeclare{cp865}{F9}{2219}% BULLET OPERATOR  
 4575 \SE@MapDeclare{cp865}{FA}{00B7}% MIDDLE DOT  
 4576 \SE@MapDeclare{cp865}{FB}{221A}% SQUARE ROOT  
 4577 \SE@MapDeclare{cp865}{FC}{207F}% SUPERScript LATIN SMALL LETTER N  
 4578 \SE@MapDeclare{cp865}{FD}{00B2}% SUPERScript TWO  
 4579 \SE@MapDeclare{cp865}{FE}{25A0}% BLACK SQUARE  
 4580 \SE@MapDeclare{cp865}{FF}{00A0}% NO-BREAK SPACE  
 4581 (/cp865)

## cp866

4582 (\*cp866)  
 4583 \SE@MapDeclare{cp866}{80}{0410}% CYRILLIC CAPITAL LETTER A  
 4584 \SE@MapDeclare{cp866}{81}{0411}% CYRILLIC CAPITAL LETTER BE  
 4585 \SE@MapDeclare{cp866}{82}{0412}% CYRILLIC CAPITAL LETTER VE  
 4586 \SE@MapDeclare{cp866}{83}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4587 \SE@MapDeclare{cp866}{84}{0414}% CYRILLIC CAPITAL LETTER DE  
 4588 \SE@MapDeclare{cp866}{85}{0415}% CYRILLIC CAPITAL LETTER IE  
 4589 \SE@MapDeclare{cp866}{86}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4590 \SE@MapDeclare{cp866}{87}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4591 \SE@MapDeclare{cp866}{88}{0418}% CYRILLIC CAPITAL LETTER I  
 4592 \SE@MapDeclare{cp866}{89}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4593 \SE@MapDeclare{cp866}{8A}{041A}% CYRILLIC CAPITAL LETTER KA  
 4594 \SE@MapDeclare{cp866}{8B}{041B}% CYRILLIC CAPITAL LETTER EL  
 4595 \SE@MapDeclare{cp866}{8C}{041C}% CYRILLIC CAPITAL LETTER EM  
 4596 \SE@MapDeclare{cp866}{8D}{041D}% CYRILLIC CAPITAL LETTER EN  
 4597 \SE@MapDeclare{cp866}{8E}{041E}% CYRILLIC CAPITAL LETTER O  
 4598 \SE@MapDeclare{cp866}{8F}{041F}% CYRILLIC CAPITAL LETTER PE  
 4599 \SE@MapDeclare{cp866}{90}{0420}% CYRILLIC CAPITAL LETTER ER  
 4600 \SE@MapDeclare{cp866}{91}{0421}% CYRILLIC CAPITAL LETTER ES  
 4601 \SE@MapDeclare{cp866}{92}{0422}% CYRILLIC CAPITAL LETTER TE  
 4602 \SE@MapDeclare{cp866}{93}{0423}% CYRILLIC CAPITAL LETTER U  
 4603 \SE@MapDeclare{cp866}{94}{0424}% CYRILLIC CAPITAL LETTER EF  
 4604 \SE@MapDeclare{cp866}{95}{0425}% CYRILLIC CAPITAL LETTER HA  
 4605 \SE@MapDeclare{cp866}{96}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4606 \SE@MapDeclare{cp866}{97}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4607 \SE@MapDeclare{cp866}{98}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4608 \SE@MapDeclare{cp866}{99}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4609 \SE@MapDeclare{cp866}{9A}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4610 \SE@MapDeclare{cp866}{9B}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4611 \SE@MapDeclare{cp866}{9C}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4612 \SE@MapDeclare{cp866}{9D}{042D}% CYRILLIC CAPITAL LETTER E  
 4613 \SE@MapDeclare{cp866}{9E}{042E}% CYRILLIC CAPITAL LETTER YU  
 4614 \SE@MapDeclare{cp866}{9F}{042F}% CYRILLIC CAPITAL LETTER YA  
 4615 \SE@MapDeclare{cp866}{A0}{0430}% CYRILLIC SMALL LETTER A  
 4616 \SE@MapDeclare{cp866}{A1}{0431}% CYRILLIC SMALL LETTER BE  
 4617 \SE@MapDeclare{cp866}{A2}{0432}% CYRILLIC SMALL LETTER VE  
 4618 \SE@MapDeclare{cp866}{A3}{0433}% CYRILLIC SMALL LETTER GHE  
 4619 \SE@MapDeclare{cp866}{A4}{0434}% CYRILLIC SMALL LETTER DE  
 4620 \SE@MapDeclare{cp866}{A5}{0435}% CYRILLIC SMALL LETTER IE  
 4621 \SE@MapDeclare{cp866}{A6}{0436}% CYRILLIC SMALL LETTER ZHE  
 4622 \SE@MapDeclare{cp866}{A7}{0437}% CYRILLIC SMALL LETTER ZE  
 4623 \SE@MapDeclare{cp866}{A8}{0438}% CYRILLIC SMALL LETTER I  
 4624 \SE@MapDeclare{cp866}{A9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4625 \SE@MapDeclare{cp866}{AA}{043A}% CYRILLIC SMALL LETTER KA  
 4626 \SE@MapDeclare{cp866}{AB}{043B}% CYRILLIC SMALL LETTER EL  
 4627 \SE@MapDeclare{cp866}{AC}{043C}% CYRILLIC SMALL LETTER EM  
 4628 \SE@MapDeclare{cp866}{AD}{043D}% CYRILLIC SMALL LETTER EN  
 4629 \SE@MapDeclare{cp866}{AE}{043E}% CYRILLIC SMALL LETTER O  
 4630 \SE@MapDeclare{cp866}{AF}{043F}% CYRILLIC SMALL LETTER PE  
 4631 \SE@MapDeclare{cp866}{B0}{2591}% LIGHT SHADE  
 4632 \SE@MapDeclare{cp866}{B1}{2592}% MEDIUM SHADE  
 4633 \SE@MapDeclare{cp866}{B2}{2593}% DARK SHADE  
 4634 \SE@MapDeclare{cp866}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4635 \SE@MapDeclare{cp866}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4636 \SE@MapDeclare{cp866}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 4637 \SE@MapDeclare{cp866}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 4638 \SE@MapDeclare{cp866}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 4639 \SE@MapDeclare{cp866}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 4640 \SE@MapDeclare{cp866}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4641 \SE@MapDeclare{cp866}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4642 \SE@MapDeclare{cp866}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4643 \SE@MapDeclare{cp866}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4644 \SE@MapDeclare{cp866}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 4645 \SE@MapDeclare{cp866}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 4646 \SE@MapDeclare{cp866}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4647 \SE@MapDeclare{cp866}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4648 \SE@MapDeclare{cp866}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4649 \SE@MapDeclare{cp866}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4650 \SE@MapDeclare{cp866}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4651 \SE@MapDeclare{cp866}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4652 \SE@MapDeclare{cp866}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4653 \SE@MapDeclare{cp866}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 4654 \SE@MapDeclare{cp866}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 4655 \SE@MapDeclare{cp866}{C8}{25A5}% BOX DRAWINGS DOUBLE UP AND RIGHT

4656 \SE@MapDeclare{cp866}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4657 \SE@MapDeclare{cp866}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4658 \SE@MapDeclare{cp866}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4659 \SE@MapDeclare{cp866}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4660 \SE@MapDeclare{cp866}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4661 \SE@MapDeclare{cp866}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4662 \SE@MapDeclare{cp866}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 4663 \SE@MapDeclare{cp866}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 4664 \SE@MapDeclare{cp866}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 4665 \SE@MapDeclare{cp866}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 4666 \SE@MapDeclare{cp866}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 4667 \SE@MapDeclare{cp866}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 4668 \SE@MapDeclare{cp866}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 4669 \SE@MapDeclare{cp866}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 4670 \SE@MapDeclare{cp866}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 4671 \SE@MapDeclare{cp866}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 4672 \SE@MapDeclare{cp866}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4673 \SE@MapDeclare{cp866}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4674 \SE@MapDeclare{cp866}{DB}{2588}% FULL BLOCK  
 4675 \SE@MapDeclare{cp866}{DC}{2584}% LOWER HALF BLOCK  
 4676 \SE@MapDeclare{cp866}{DD}{258C}% LEFT HALF BLOCK  
 4677 \SE@MapDeclare{cp866}{DE}{2590}% RIGHT HALF BLOCK  
 4678 \SE@MapDeclare{cp866}{DF}{2580}% UPPER HALF BLOCK  
 4679 \SE@MapDeclare{cp866}{E0}{0440}% CYRILLIC SMALL LETTER ER  
 4680 \SE@MapDeclare{cp866}{E1}{0441}% CYRILLIC SMALL LETTER ES  
 4681 \SE@MapDeclare{cp866}{E2}{0442}% CYRILLIC SMALL LETTER TE  
 4682 \SE@MapDeclare{cp866}{E3}{0443}% CYRILLIC SMALL LETTER U  
 4683 \SE@MapDeclare{cp866}{E4}{0444}% CYRILLIC SMALL LETTER EF  
 4684 \SE@MapDeclare{cp866}{E5}{0445}% CYRILLIC SMALL LETTER HA  
 4685 \SE@MapDeclare{cp866}{E6}{0446}% CYRILLIC SMALL LETTER TSE  
 4686 \SE@MapDeclare{cp866}{E7}{0447}% CYRILLIC SMALL LETTER CHE  
 4687 \SE@MapDeclare{cp866}{E8}{0448}% CYRILLIC SMALL LETTER SHA  
 4688 \SE@MapDeclare{cp866}{E9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4689 \SE@MapDeclare{cp866}{EA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4690 \SE@MapDeclare{cp866}{EB}{044B}% CYRILLIC SMALL LETTER YERU  
 4691 \SE@MapDeclare{cp866}{EC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4692 \SE@MapDeclare{cp866}{ED}{044D}% CYRILLIC SMALL LETTER E  
 4693 \SE@MapDeclare{cp866}{EE}{044E}% CYRILLIC SMALL LETTER YU  
 4694 \SE@MapDeclare{cp866}{EF}{044F}% CYRILLIC SMALL LETTER YA  
 4695 \SE@MapDeclare{cp866}{F0}{0401}% CYRILLIC CAPITAL LETTER IO  
 4696 \SE@MapDeclare{cp866}{F1}{0451}% CYRILLIC SMALL LETTER IO  
 4697 \SE@MapDeclare{cp866}{F2}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4698 \SE@MapDeclare{cp866}{F3}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4699 \SE@MapDeclare{cp866}{F4}{0407}% CYRILLIC CAPITAL LETTER YI  
 4700 \SE@MapDeclare{cp866}{F5}{0457}% CYRILLIC SMALL LETTER YI  
 4701 \SE@MapDeclare{cp866}{F6}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4702 \SE@MapDeclare{cp866}{F7}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4703 \SE@MapDeclare{cp866}{F8}{00B0}% DEGREE SIGN  
 4704 \SE@MapDeclare{cp866}{F9}{2219}% BULLET OPERATOR  
 4705 \SE@MapDeclare{cp866}{FA}{00B7}% MIDDLE DOT  
 4706 \SE@MapDeclare{cp866}{FB}{221A}% SQUARE ROOT  
 4707 \SE@MapDeclare{cp866}{FC}{2116}% NUMERO SIGN  
 4708 \SE@MapDeclare{cp866}{FD}{00A4}% CURRENCY SIGN  
 4709 \SE@MapDeclare{cp866}{FE}{25A0}% BLACK SQUARE  
 4710 \SE@MapDeclare{cp866}{FF}{00A0}% NO-BREAK SPACE  
 4711 </cp866>

## cp1250

4712 <\*cp1250>  
 4713 \SE@MapDeclare{cp1250}{80}{20AC}% EURO SIGN  
 4714 \SE@MapDeclare{cp1250}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
 4715 \SE@MapDeclare{cp1250}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 4716 \SE@MapDeclare{cp1250}{85}{2026}% HORIZONTAL ELLIPSIS  
 4717 \SE@MapDeclare{cp1250}{86}{2020}% DAGGER  
 4718 \SE@MapDeclare{cp1250}{87}{2021}% DOUBLE DAGGER  
 4719 \SE@MapDeclare{cp1250}{89}{2030}% PER MILLE SIGN  
 4720 \SE@MapDeclare{cp1250}{8A}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 4721 \SE@MapDeclare{cp1250}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 4722 \SE@MapDeclare{cp1250}{8C}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 4723 \SE@MapDeclare{cp1250}{8D}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 4724 \SE@MapDeclare{cp1250}{8E}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 4725 \SE@MapDeclare{cp1250}{8F}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 4726 \SE@MapDeclare{cp1250}{91}{2018}% LEFT SINGLE QUOTATION MARK  
 4727 \SE@MapDeclare{cp1250}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
 4728 \SE@MapDeclare{cp1250}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
 4729 \SE@MapDeclare{cp1250}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
 4730 \SE@MapDeclare{cp1250}{95}{2022}% BULLET  
 4731 \SE@MapDeclare{cp1250}{96}{2013}% EN DASH  
 4732 \SE@MapDeclare{cp1250}{97}{2014}% EM DASH  
 4733 \SE@MapDeclare{cp1250}{99}{2122}% TRADE MARK SIGN  
 4734 \SE@MapDeclare{cp1250}{9A}{0161}% LATIN SMALL LETTER S WITH CARON  
 4735 \SE@MapDeclare{cp1250}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4736 \SE@MapDeclare{cp1250}{9C}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 4737 \SE@MapDeclare{cp1250}{9D}{0165}% LATIN SMALL LETTER T WITH CARON

4738 \SE@MapDeclare{cp1250}{9E}{017E}% LATIN SMALL LETTER Z WITH CARON  
 4739 \SE@MapDeclare{cp1250}{9F}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 4740 \SE@MapDeclare{cp1250}{A0}{00A0}% NO-BREAK SPACE  
 4741 \SE@MapDeclare{cp1250}{A1}{02C7}% CARON  
 4742 \SE@MapDeclare{cp1250}{A2}{02D8}% BREVE  
 4743 \SE@MapDeclare{cp1250}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 4744 \SE@MapDeclare{cp1250}{A4}{00A4}% CURRENCY SIGN  
 4745 \SE@MapDeclare{cp1250}{A5}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 4746 \SE@MapDeclare{cp1250}{A6}{00A6}% BROKEN BAR  
 4747 \SE@MapDeclare{cp1250}{A7}{00A7}% SECTION SIGN  
 4748 \SE@MapDeclare{cp1250}{A8}{00A8}% DIAERESIS  
 4749 \SE@MapDeclare{cp1250}{A9}{00A9}% COPYRIGHT SIGN  
 4750 \SE@MapDeclare{cp1250}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 4751 \SE@MapDeclare{cp1250}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4752 \SE@MapDeclare{cp1250}{AC}{00AC}% NOT SIGN  
 4753 \SE@MapDeclare{cp1250}{AD}{00AD}% SOFT HYPHEN  
 4754 \SE@MapDeclare{cp1250}{AE}{00AE}% REGISTERED SIGN  
 4755 \SE@MapDeclare{cp1250}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 4756 \SE@MapDeclare{cp1250}{B0}{00B0}% DEGREE SIGN  
 4757 \SE@MapDeclare{cp1250}{B1}{00B1}% PLUS-MINUS SIGN  
 4758 \SE@MapDeclare{cp1250}{B2}{02DB}% OGONEK  
 4759 \SE@MapDeclare{cp1250}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
 4760 \SE@MapDeclare{cp1250}{B4}{00B4}% ACUTE ACCENT  
 4761 \SE@MapDeclare{cp1250}{B5}{00B5}% MICRO SIGN  
 4762 \SE@MapDeclare{cp1250}{B6}{00B6}% PILCROW SIGN  
 4763 \SE@MapDeclare{cp1250}{B7}{00B7}% MIDDLE DOT  
 4764 \SE@MapDeclare{cp1250}{B8}{00B8}% CEDILLA  
 4765 \SE@MapDeclare{cp1250}{B9}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 4766 \SE@MapDeclare{cp1250}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 4767 \SE@MapDeclare{cp1250}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4768 \SE@MapDeclare{cp1250}{BC}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 4769 \SE@MapDeclare{cp1250}{BD}{02DD}% DOUBLE ACUTE ACCENT  
 4770 \SE@MapDeclare{cp1250}{BE}{013E}% LATIN SMALL LETTER L WITH CARON  
 4771 \SE@MapDeclare{cp1250}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 4772 \SE@MapDeclare{cp1250}{C0}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 4773 \SE@MapDeclare{cp1250}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4774 \SE@MapDeclare{cp1250}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4775 \SE@MapDeclare{cp1250}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 4776 \SE@MapDeclare{cp1250}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4777 \SE@MapDeclare{cp1250}{C5}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 4778 \SE@MapDeclare{cp1250}{C6}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 4779 \SE@MapDeclare{cp1250}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4780 \SE@MapDeclare{cp1250}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 4781 \SE@MapDeclare{cp1250}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4782 \SE@MapDeclare{cp1250}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 4783 \SE@MapDeclare{cp1250}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4784 \SE@MapDeclare{cp1250}{CC}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 4785 \SE@MapDeclare{cp1250}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4786 \SE@MapDeclare{cp1250}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4787 \SE@MapDeclare{cp1250}{CF}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 4788 \SE@MapDeclare{cp1250}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 4789 \SE@MapDeclare{cp1250}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 4790 \SE@MapDeclare{cp1250}{D2}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 4791 \SE@MapDeclare{cp1250}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4792 \SE@MapDeclare{cp1250}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4793 \SE@MapDeclare{cp1250}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 4794 \SE@MapDeclare{cp1250}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4795 \SE@MapDeclare{cp1250}{D7}{00D7}% MULTIPLICATION SIGN  
 4796 \SE@MapDeclare{cp1250}{D8}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 4797 \SE@MapDeclare{cp1250}{D9}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 4798 \SE@MapDeclare{cp1250}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4799 \SE@MapDeclare{cp1250}{DB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 4800 \SE@MapDeclare{cp1250}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4801 \SE@MapDeclare{cp1250}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4802 \SE@MapDeclare{cp1250}{DE}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 4803 \SE@MapDeclare{cp1250}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 4804 \SE@MapDeclare{cp1250}{E0}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 4805 \SE@MapDeclare{cp1250}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4806 \SE@MapDeclare{cp1250}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4807 \SE@MapDeclare{cp1250}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
 4808 \SE@MapDeclare{cp1250}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4809 \SE@MapDeclare{cp1250}{E5}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 4810 \SE@MapDeclare{cp1250}{E6}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 4811 \SE@MapDeclare{cp1250}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4812 \SE@MapDeclare{cp1250}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 4813 \SE@MapDeclare{cp1250}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4814 \SE@MapDeclare{cp1250}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 4815 \SE@MapDeclare{cp1250}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4816 \SE@MapDeclare{cp1250}{EC}{011B}% LATIN SMALL LETTER E WITH CARON  
 4817 \SE@MapDeclare{cp1250}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4818 \SE@MapDeclare{cp1250}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4819 \SE@MapDeclare{cp1250}{EF}{010F}% LATIN SMALL LETTER D WITH CARON  
 4820 \SE@MapDeclare{cp1250}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 4821 \SE@MapDeclare{cp1250}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 4822 \SE@MapDeclare{cp1250}{F2}{0148}% LATIN SMALL LETTER N WITH CARON  
 4823 \SE@MapDeclare{cp1250}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE

4824 \SE@MapDeclare{cp1250}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4825 \SE@MapDeclare{cp1250}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 4826 \SE@MapDeclare{cp1250}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4827 \SE@MapDeclare{cp1250}{F7}{00F7}% DIVISION SIGN  
 4828 \SE@MapDeclare{cp1250}{F8}{0159}% LATIN SMALL LETTER R WITH CARON  
 4829 \SE@MapDeclare{cp1250}{F9}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 4830 \SE@MapDeclare{cp1250}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4831 \SE@MapDeclare{cp1250}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 4832 \SE@MapDeclare{cp1250}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4833 \SE@MapDeclare{cp1250}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4834 \SE@MapDeclare{cp1250}{FE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 4835 \SE@MapDeclare{cp1250}{FF}{02D9}% DOT ABOVE  
 4836 (/cp1250)

## cp1251

4837 (\*cp1251)  
 4838 \SE@MapDeclare{cp1251}{80}{0402}% CYRILLIC CAPITAL LETTER DJE  
 4839 \SE@MapDeclare{cp1251}{81}{0403}% CYRILLIC CAPITAL LETTER GJE  
 4840 \SE@MapDeclare{cp1251}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
 4841 \SE@MapDeclare{cp1251}{83}{0453}% CYRILLIC SMALL LETTER GJE  
 4842 \SE@MapDeclare{cp1251}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 4843 \SE@MapDeclare{cp1251}{85}{2026}% HORIZONTAL ELLIPSIS  
 4844 \SE@MapDeclare{cp1251}{86}{2020}% DAGGER  
 4845 \SE@MapDeclare{cp1251}{87}{2021}% DOUBLE DAGGER  
 4846 \SE@MapDeclare{cp1251}{88}{20AC}% EURO SIGN  
 4847 \SE@MapDeclare{cp1251}{89}{2030}% PER MILLE SIGN  
 4848 \SE@MapDeclare{cp1251}{8A}{0409}% CYRILLIC CAPITAL LETTER LJE  
 4849 \SE@MapDeclare{cp1251}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 4850 \SE@MapDeclare{cp1251}{8C}{040A}% CYRILLIC CAPITAL LETTER NJE  
 4851 \SE@MapDeclare{cp1251}{8D}{040C}% CYRILLIC CAPITAL LETTER KJE  
 4852 \SE@MapDeclare{cp1251}{8E}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 4853 \SE@MapDeclare{cp1251}{8F}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 4854 \SE@MapDeclare{cp1251}{90}{0452}% CYRILLIC SMALL LETTER DJE  
 4855 \SE@MapDeclare{cp1251}{91}{2018}% LEFT SINGLE QUOTATION MARK  
 4856 \SE@MapDeclare{cp1251}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
 4857 \SE@MapDeclare{cp1251}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
 4858 \SE@MapDeclare{cp1251}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
 4859 \SE@MapDeclare{cp1251}{95}{2022}% BULLET  
 4860 \SE@MapDeclare{cp1251}{96}{2013}% EN DASH  
 4861 \SE@MapDeclare{cp1251}{97}{2014}% EM DASH  
 4862 \SE@MapDeclare{cp1251}{99}{2122}% TRADE MARK SIGN  
 4863 \SE@MapDeclare{cp1251}{9A}{0459}% CYRILLIC SMALL LETTER LJE  
 4864 \SE@MapDeclare{cp1251}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4865 \SE@MapDeclare{cp1251}{9C}{045A}% CYRILLIC SMALL LETTER NJE  
 4866 \SE@MapDeclare{cp1251}{9D}{045C}% CYRILLIC SMALL LETTER KJE  
 4867 \SE@MapDeclare{cp1251}{9E}{045B}% CYRILLIC SMALL LETTER TSHE  
 4868 \SE@MapDeclare{cp1251}{9F}{045F}% CYRILLIC SMALL LETTER DZHE  
 4869 \SE@MapDeclare{cp1251}{A0}{00A0}% NO-BREAK SPACE  
 4870 \SE@MapDeclare{cp1251}{A1}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4871 \SE@MapDeclare{cp1251}{A2}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4872 \SE@MapDeclare{cp1251}{A3}{0408}% CYRILLIC CAPITAL LETTER JE  
 4873 \SE@MapDeclare{cp1251}{A4}{00A4}% CURRENCY SIGN  
 4874 \SE@MapDeclare{cp1251}{A5}{0490}% CYRILLIC CAPITAL LETTER GHE WITH UPTURN  
 4875 \SE@MapDeclare{cp1251}{A6}{00A6}% BROKEN BAR  
 4876 \SE@MapDeclare{cp1251}{A7}{00A7}% SECTION SIGN  
 4877 \SE@MapDeclare{cp1251}{A8}{0401}% CYRILLIC CAPITAL LETTER IO  
 4878 \SE@MapDeclare{cp1251}{A9}{00A9}% COPYRIGHT SIGN  
 4879 \SE@MapDeclare{cp1251}{AA}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4880 \SE@MapDeclare{cp1251}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4881 \SE@MapDeclare{cp1251}{AC}{00AC}% NOT SIGN  
 4882 \SE@MapDeclare{cp1251}{AD}{00AD}% SOFT HYPHEN  
 4883 \SE@MapDeclare{cp1251}{AE}{00AE}% REGISTERED SIGN  
 4884 \SE@MapDeclare{cp1251}{AF}{0407}% CYRILLIC CAPITAL LETTER YI  
 4885 \SE@MapDeclare{cp1251}{B0}{00B0}% DEGREE SIGN  
 4886 \SE@MapDeclare{cp1251}{B1}{00B1}% PLUS-MINUS SIGN  
 4887 \SE@MapDeclare{cp1251}{B2}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 4888 \SE@MapDeclare{cp1251}{B3}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 4889 \SE@MapDeclare{cp1251}{B4}{0491}% CYRILLIC SMALL LETTER GHE WITH UPTURN  
 4890 \SE@MapDeclare{cp1251}{B5}{00B5}% MICRO SIGN  
 4891 \SE@MapDeclare{cp1251}{B6}{00B6}% PILCROW SIGN  
 4892 \SE@MapDeclare{cp1251}{B7}{00B7}% MIDDLE DOT  
 4893 \SE@MapDeclare{cp1251}{B8}{0451}% CYRILLIC SMALL LETTER IO  
 4894 \SE@MapDeclare{cp1251}{B9}{2116}% NUMERO SIGN  
 4895 \SE@MapDeclare{cp1251}{BA}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4896 \SE@MapDeclare{cp1251}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4897 \SE@MapDeclare{cp1251}{BC}{0458}% CYRILLIC SMALL LETTER JE  
 4898 \SE@MapDeclare{cp1251}{BD}{0405}% CYRILLIC CAPITAL LETTER DZE  
 4899 \SE@MapDeclare{cp1251}{BE}{0455}% CYRILLIC SMALL LETTER DZE  
 4900 \SE@MapDeclare{cp1251}{BF}{0457}% CYRILLIC SMALL LETTER YI  
 4901 \SE@MapDeclare{cp1251}{C0}{0410}% CYRILLIC CAPITAL LETTER A  
 4902 \SE@MapDeclare{cp1251}{C1}{0411}% CYRILLIC CAPITAL LETTER BE  
 4903 \SE@MapDeclare{cp1251}{C2}{0412}% CYRILLIC CAPITAL LETTER VE  
 4904 \SE@MapDeclare{cp1251}{C3}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4905 \SE@MapDeclare{cp1251}{C4}{0414}% CYRILLIC CAPITAL LETTER DE



4906 \SE@MapDeclare{cp1251}{C5}{0415}% CYRILLIC CAPITAL LETTER IE  
 4907 \SE@MapDeclare{cp1251}{C6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4908 \SE@MapDeclare{cp1251}{C7}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4909 \SE@MapDeclare{cp1251}{C8}{0418}% CYRILLIC CAPITAL LETTER I  
 4910 \SE@MapDeclare{cp1251}{C9}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4911 \SE@MapDeclare{cp1251}{CA}{041A}% CYRILLIC CAPITAL LETTER KA  
 4912 \SE@MapDeclare{cp1251}{CB}{041B}% CYRILLIC CAPITAL LETTER EL  
 4913 \SE@MapDeclare{cp1251}{CC}{041C}% CYRILLIC CAPITAL LETTER EM  
 4914 \SE@MapDeclare{cp1251}{CD}{041D}% CYRILLIC CAPITAL LETTER EN  
 4915 \SE@MapDeclare{cp1251}{CE}{041E}% CYRILLIC CAPITAL LETTER O  
 4916 \SE@MapDeclare{cp1251}{CF}{041F}% CYRILLIC CAPITAL LETTER PE  
 4917 \SE@MapDeclare{cp1251}{D0}{0420}% CYRILLIC CAPITAL LETTER ER  
 4918 \SE@MapDeclare{cp1251}{D1}{0421}% CYRILLIC CAPITAL LETTER ES  
 4919 \SE@MapDeclare{cp1251}{D2}{0422}% CYRILLIC CAPITAL LETTER TE  
 4920 \SE@MapDeclare{cp1251}{D3}{0423}% CYRILLIC CAPITAL LETTER U  
 4921 \SE@MapDeclare{cp1251}{D4}{0424}% CYRILLIC CAPITAL LETTER EF  
 4922 \SE@MapDeclare{cp1251}{D5}{0425}% CYRILLIC CAPITAL LETTER HA  
 4923 \SE@MapDeclare{cp1251}{D6}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4924 \SE@MapDeclare{cp1251}{D7}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4925 \SE@MapDeclare{cp1251}{D8}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4926 \SE@MapDeclare{cp1251}{D9}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4927 \SE@MapDeclare{cp1251}{DA}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4928 \SE@MapDeclare{cp1251}{DB}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4929 \SE@MapDeclare{cp1251}{DC}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4930 \SE@MapDeclare{cp1251}{DD}{042D}% CYRILLIC CAPITAL LETTER E  
 4931 \SE@MapDeclare{cp1251}{DE}{042E}% CYRILLIC CAPITAL LETTER YU  
 4932 \SE@MapDeclare{cp1251}{DF}{042F}% CYRILLIC CAPITAL LETTER YA  
 4933 \SE@MapDeclare{cp1251}{E0}{0430}% CYRILLIC SMALL LETTER A  
 4934 \SE@MapDeclare{cp1251}{E1}{0431}% CYRILLIC SMALL LETTER BE  
 4935 \SE@MapDeclare{cp1251}{E2}{0432}% CYRILLIC SMALL LETTER VE  
 4936 \SE@MapDeclare{cp1251}{E3}{0433}% CYRILLIC SMALL LETTER GHE  
 4937 \SE@MapDeclare{cp1251}{E4}{0434}% CYRILLIC SMALL LETTER DE  
 4938 \SE@MapDeclare{cp1251}{E5}{0435}% CYRILLIC SMALL LETTER IE  
 4939 \SE@MapDeclare{cp1251}{E6}{0436}% CYRILLIC SMALL LETTER ZHE  
 4940 \SE@MapDeclare{cp1251}{E7}{0437}% CYRILLIC SMALL LETTER ZE  
 4941 \SE@MapDeclare{cp1251}{E8}{0438}% CYRILLIC SMALL LETTER I  
 4942 \SE@MapDeclare{cp1251}{E9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4943 \SE@MapDeclare{cp1251}{EA}{043A}% CYRILLIC SMALL LETTER KA  
 4944 \SE@MapDeclare{cp1251}{EB}{043B}% CYRILLIC SMALL LETTER EL  
 4945 \SE@MapDeclare{cp1251}{EC}{043C}% CYRILLIC SMALL LETTER EM  
 4946 \SE@MapDeclare{cp1251}{ED}{043D}% CYRILLIC SMALL LETTER EN  
 4947 \SE@MapDeclare{cp1251}{EE}{043E}% CYRILLIC SMALL LETTER O  
 4948 \SE@MapDeclare{cp1251}{EF}{043F}% CYRILLIC SMALL LETTER PE  
 4949 \SE@MapDeclare{cp1251}{F0}{0440}% CYRILLIC SMALL LETTER ER  
 4950 \SE@MapDeclare{cp1251}{F1}{0441}% CYRILLIC SMALL LETTER ES  
 4951 \SE@MapDeclare{cp1251}{F2}{0442}% CYRILLIC SMALL LETTER TE  
 4952 \SE@MapDeclare{cp1251}{F3}{0443}% CYRILLIC SMALL LETTER U  
 4953 \SE@MapDeclare{cp1251}{F4}{0444}% CYRILLIC SMALL LETTER EF  
 4954 \SE@MapDeclare{cp1251}{F5}{0445}% CYRILLIC SMALL LETTER HA  
 4955 \SE@MapDeclare{cp1251}{F6}{0446}% CYRILLIC SMALL LETTER TSE  
 4956 \SE@MapDeclare{cp1251}{F7}{0447}% CYRILLIC SMALL LETTER CHE  
 4957 \SE@MapDeclare{cp1251}{F8}{0448}% CYRILLIC SMALL LETTER SHA  
 4958 \SE@MapDeclare{cp1251}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4959 \SE@MapDeclare{cp1251}{FA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4960 \SE@MapDeclare{cp1251}{FB}{044B}% CYRILLIC SMALL LETTER YERU  
 4961 \SE@MapDeclare{cp1251}{FC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4962 \SE@MapDeclare{cp1251}{FD}{044D}% CYRILLIC SMALL LETTER E  
 4963 \SE@MapDeclare{cp1251}{FE}{044E}% CYRILLIC SMALL LETTER YU  
 4964 \SE@MapDeclare{cp1251}{FF}{044F}% CYRILLIC SMALL LETTER YA  
 4965 \</cp1251>

## cp1257

4966 \<\*cp1257>  
 4967 \SE@MapDeclare{cp1257}{80}{20AC}% EURO SIGN  
 4968 \SE@MapDeclare{cp1257}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
 4969 \SE@MapDeclare{cp1257}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 4970 \SE@MapDeclare{cp1257}{85}{2026}% HORIZONTAL ELLIPSIS  
 4971 \SE@MapDeclare{cp1257}{86}{2020}% DAGGER  
 4972 \SE@MapDeclare{cp1257}{87}{2021}% DOUBLE DAGGER  
 4973 \SE@MapDeclare{cp1257}{89}{2030}% PER MILLE SIGN  
 4974 \SE@MapDeclare{cp1257}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 4975 \SE@MapDeclare{cp1257}{8D}{00A8}% DIAERESIS  
 4976 \SE@MapDeclare{cp1257}{8E}{02C7}% CARON  
 4977 \SE@MapDeclare{cp1257}{8F}{00B8}% CEDILLA  
 4978 \SE@MapDeclare{cp1257}{91}{2018}% LEFT SINGLE QUOTATION MARK  
 4979 \SE@MapDeclare{cp1257}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
 4980 \SE@MapDeclare{cp1257}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
 4981 \SE@MapDeclare{cp1257}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
 4982 \SE@MapDeclare{cp1257}{95}{2022}% BULLET  
 4983 \SE@MapDeclare{cp1257}{96}{2013}% EN DASH  
 4984 \SE@MapDeclare{cp1257}{97}{2014}% EM DASH  
 4985 \SE@MapDeclare{cp1257}{99}{2122}% TRADE MARK SIGN  
 4986 \SE@MapDeclare{cp1257}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4987 \SE@MapDeclare{cp1257}{9D}{00AF}% MACRON

4988 \SE@MapDeclare{cp1257}{9E}{02DB}% OGONEK  
 4989 \SE@MapDeclare{cp1257}{A0}{00A0}% NO-BREAK SPACE  
 4990 \SE@MapDeclare{cp1257}{A2}{00A2}% CENT SIGN  
 4991 \SE@MapDeclare{cp1257}{A3}{00A3}% POUND SIGN  
 4992 \SE@MapDeclare{cp1257}{A4}{00A4}% CURRENCY SIGN  
 4993 \SE@MapDeclare{cp1257}{A6}{00A6}% BROKEN BAR  
 4994 \SE@MapDeclare{cp1257}{A7}{00A7}% SECTION SIGN  
 4995 \SE@MapDeclare{cp1257}{A8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4996 \SE@MapDeclare{cp1257}{A9}{00A9}% COPYRIGHT SIGN  
 4997 \SE@MapDeclare{cp1257}{AA}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 4998 \SE@MapDeclare{cp1257}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4999 \SE@MapDeclare{cp1257}{AC}{00AC}% NOT SIGN  
 5000 \SE@MapDeclare{cp1257}{AD}{00AD}% SOFT HYPHEN  
 5001 \SE@MapDeclare{cp1257}{AE}{00AE}% REGISTERED SIGN  
 5002 \SE@MapDeclare{cp1257}{AF}{00C6}% LATIN CAPITAL LETTER AE  
 5003 \SE@MapDeclare{cp1257}{B0}{00B0}% DEGREE SIGN  
 5004 \SE@MapDeclare{cp1257}{B1}{00B1}% PLUS-MINUS SIGN  
 5005 \SE@MapDeclare{cp1257}{B2}{00B2}% SUPERScript TWO  
 5006 \SE@MapDeclare{cp1257}{B3}{00B3}% SUPERScript THREE  
 5007 \SE@MapDeclare{cp1257}{B4}{00B4}% ACUTE ACCENT  
 5008 \SE@MapDeclare{cp1257}{B5}{00B5}% MICRO SIGN  
 5009 \SE@MapDeclare{cp1257}{B6}{00B6}% PILCROW SIGN  
 5010 \SE@MapDeclare{cp1257}{B7}{00B7}% MIDDLE DOT  
 5011 \SE@MapDeclare{cp1257}{B8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 5012 \SE@MapDeclare{cp1257}{B9}{00B9}% SUPERScript ONE  
 5013 \SE@MapDeclare{cp1257}{BA}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 5014 \SE@MapDeclare{cp1257}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 5015 \SE@MapDeclare{cp1257}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 5016 \SE@MapDeclare{cp1257}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 5017 \SE@MapDeclare{cp1257}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 5018 \SE@MapDeclare{cp1257}{BF}{00E6}% LATIN SMALL LETTER AE  
 5019 \SE@MapDeclare{cp1257}{C0}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 5020 \SE@MapDeclare{cp1257}{C1}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 5021 \SE@MapDeclare{cp1257}{C2}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 5022 \SE@MapDeclare{cp1257}{C3}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 5023 \SE@MapDeclare{cp1257}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 5024 \SE@MapDeclare{cp1257}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 5025 \SE@MapDeclare{cp1257}{C6}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 5026 \SE@MapDeclare{cp1257}{C7}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 5027 \SE@MapDeclare{cp1257}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 5028 \SE@MapDeclare{cp1257}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 5029 \SE@MapDeclare{cp1257}{CA}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 5030 \SE@MapDeclare{cp1257}{CB}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 5031 \SE@MapDeclare{cp1257}{CC}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 5032 \SE@MapDeclare{cp1257}{CD}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 5033 \SE@MapDeclare{cp1257}{CE}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 5034 \SE@MapDeclare{cp1257}{CF}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 5035 \SE@MapDeclare{cp1257}{D0}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 5036 \SE@MapDeclare{cp1257}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 5037 \SE@MapDeclare{cp1257}{D2}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 5038 \SE@MapDeclare{cp1257}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 5039 \SE@MapDeclare{cp1257}{D4}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 5040 \SE@MapDeclare{cp1257}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 5041 \SE@MapDeclare{cp1257}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 5042 \SE@MapDeclare{cp1257}{D7}{00D7}% MULTIPLICATION SIGN  
 5043 \SE@MapDeclare{cp1257}{D8}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 5044 \SE@MapDeclare{cp1257}{D9}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 5045 \SE@MapDeclare{cp1257}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 5046 \SE@MapDeclare{cp1257}{DB}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 5047 \SE@MapDeclare{cp1257}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 5048 \SE@MapDeclare{cp1257}{DD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 5049 \SE@MapDeclare{cp1257}{DE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 5050 \SE@MapDeclare{cp1257}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 5051 \SE@MapDeclare{cp1257}{E0}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 5052 \SE@MapDeclare{cp1257}{E1}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 5053 \SE@MapDeclare{cp1257}{E2}{0101}% LATIN SMALL LETTER A WITH MACRON  
 5054 \SE@MapDeclare{cp1257}{E3}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 5055 \SE@MapDeclare{cp1257}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 5056 \SE@MapDeclare{cp1257}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 5057 \SE@MapDeclare{cp1257}{E6}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 5058 \SE@MapDeclare{cp1257}{E7}{0113}% LATIN SMALL LETTER E WITH MACRON  
 5059 \SE@MapDeclare{cp1257}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 5060 \SE@MapDeclare{cp1257}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 5061 \SE@MapDeclare{cp1257}{EA}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 5062 \SE@MapDeclare{cp1257}{EB}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 5063 \SE@MapDeclare{cp1257}{EC}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 5064 \SE@MapDeclare{cp1257}{ED}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 5065 \SE@MapDeclare{cp1257}{EE}{012B}% LATIN SMALL LETTER I WITH MACRON  
 5066 \SE@MapDeclare{cp1257}{EF}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 5067 \SE@MapDeclare{cp1257}{F0}{0161}% LATIN SMALL LETTER S WITH CARON  
 5068 \SE@MapDeclare{cp1257}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 5069 \SE@MapDeclare{cp1257}{F2}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 5070 \SE@MapDeclare{cp1257}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 5071 \SE@MapDeclare{cp1257}{F4}{014D}% LATIN SMALL LETTER O WITH MACRON  
 5072 \SE@MapDeclare{cp1257}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 5073 \SE@MapDeclare{cp1257}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS

```

5074 \SE@MapDeclare{cp1257}{F7}{00F7}% DIVISION SIGN
5075 \SE@MapDeclare{cp1257}{F8}{0173}% LATIN SMALL LETTER U WITH OGONEK
5076 \SE@MapDeclare{cp1257}{F9}{0142}% LATIN SMALL LETTER L WITH STROKE
5077 \SE@MapDeclare{cp1257}{FA}{015B}% LATIN SMALL LETTER S WITH ACUTE
5078 \SE@MapDeclare{cp1257}{FB}{016B}% LATIN SMALL LETTER U WITH MACRON
5079 \SE@MapDeclare{cp1257}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS
5080 \SE@MapDeclare{cp1257}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE
5081 \SE@MapDeclare{cp1257}{FE}{017E}% LATIN SMALL LETTER Z WITH CARON
5082 \SE@MapDeclare{cp1257}{FF}{02D9}% DOT ABOVE
5083 \</cp1257>

```

## 3 Test

### 3.1 Catcode checks for loading

```

5084 <{*test1>

5085 \NeedsTeXFormat{LaTeX2e}
5086 \nofiles
5087 \documentclass{minimal}
5088 \makeatletter
5089
5090 \newcommand*{\RestoreCatcodes}{%
5091 \count@=0 %
5092 \loop
5093 \edef\RestoreCatcodes{%
5094 \RestoreCatcodes
5095 \catcode\the\count@=\the\catcode\count@\relax
5096 }%
5097 \ifnum\count@<255 %
5098 \advance\count@\@ne
5099 \repeat
5100
5101 \newcommand*{\RangeCatcodeInvalid}[2]{%
5102 \count@=#1\relax
5103 \loop
5104 \catcode\count@=15 %
5105 \ifnum\count@<#2\relax
5106 \advance\count@\@ne
5107 \repeat
5108 }
5109 \def\Test{%
5110 \RangeCatcodeInvalid{0}{47}%
5111 \RangeCatcodeInvalid{58}{64}%
5112 \RangeCatcodeInvalid{91}{96}%
5113 \RangeCatcodeInvalid{123}{255}%
5114 \catcode'\@=12 %
5115 \catcode'\=0 %
5116 \catcode'\{=1 %
5117 \catcode'\}=2 %
5118 \catcode'\#=6 %
5119 \catcode'\[=12 %
5120 \catcode'\]=12 %
5121 \catcode'\%=14 %
5122 \catcode'\_ =10 %
5123 \catcode13=5 %
5124 \usepackage{stringenc}[2010/03/01]%
5125 \RestoreCatcodes
5126 }
5127 \Test
5128
5129 \ifx\numexpr\relax
5130 \expandafter\@end
5131 \fi
5132

```

```

5133 \usepackage{qstest}
5134 \IncludeTests{*}
5135 \LogTests{log}{*}{*}
5136 \def\Test#1{%
5137   \begin{qstest}{loading}{loading}%
5138   % \RangeCatcodeInvalid{0}{47}%
5139   % % 0-9
5140   % \RangeCatcodeInvalid{58}{64}%
5141   % % A-Z
5142   % \RangeCatcodeInvalid{91}{96}%
5143   % % a-z
5144   % \RangeCatcodeInvalid{123}{255}%
5145   \setbox0=\hbox{%
5146     \def\par{p}%
5147     \RangeCatcodeInvalid{0}{255}%
5148     \StringEncodingLoad{#1}%
5149   }%
5150   \Expect*{\the\wd0}{0.0pt}%
5151 \end{qstest}%
5152 }
5153 \@for\x:=\StringEncodingList\do{%
5154   \Test\x
5155 }
5156 @@end
5157 </test1>

```

### 3.2 Conversion tests

```

5158 <*test2>
5159 \NeedsTeXFormat{LaTeX2e}
5160 \nofiles
5161 \documentclass{minimal}
5162
5163 \ifx\plainmode Y
5164   \let\SavedNumexpr\numexpr
5165   \let\numexpr\relax
5166 \fi
5167 \usepackage{stringenc}[2010/03/01]
5168 \ifx\plainmode Y
5169   \let\numexpr\SavedNumexpr
5170 \fi
5171 \usepackage{qstest}
5172 \IncludeTests{*}
5173 \LogTests{log}{*}{*}
5174
5175 \def\Test#1#2#3#4#5{%
5176   \begingroup
5177     \edef\x{\endgroup
5178       \noexpand\TestTest{#1}{#2}{#3}{#4}#5||\noexpand\NIL
5179     }%
5180   \x
5181 }
5182 \def\TestTest#1#2#3#4#5|#6|#7\NIL{%
5183   \begin{qstest}{encodings}{encodings, conversion}%
5184     \setbox0=\hbox{%
5185       \def\par{p}%
5186       \EdefUnescapeHex\IN{#4}%
5187       \StringEncodingConvert\RESULT\IN{#1}{#2}%
5188       \EdefEscapeHex\RESULT\RESULT
5189       \Expect*{\RESULT}{*}{#5#6}%
5190       \Expect*{\StringEncodingSuccessFailure{true}{false}}{#3}%
5191       \StringEncodingSuccessFailure{}{%
5192         \StringEncodingConvertTest\RESULT\IN{#1}{#2}{%

```

```

5193         }{
5194         \EdefEscapeHex\RESULT\RESULT
5195         \Expect*{\RESULT}{#5}%
5196         }%
5197     }%
5198 }%
5199 \Expect*{\the\wd0}{0.0pt}%
5200 \end{qstest}%
5201 }
5202
5203 \def\AllBytesLow{%
5204 000102030405060708090A0B0C0D0E0F101112131415161718191A1B1C1D1E1F%
5205 202122232425262728292A2B2C2D2E2F303132333435363738393A3B3C3D3E3F%
5206 404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F%
5207 606162636465666768696A6B6C6D6E6F707172737475767778797A7B7C7D7E7F%
5208 }
5209 \def\AllBytesHigh{%
5210 808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E9F%
5211 A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BABBBCBDBEBF%
5212 C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5213 E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFF%
5214 }
5215 \def\AllBytes{%
5216 \AllBytesLow
5217 \AllBytesHigh
5218 }
5219 \def\AllUnicodeLow{%
5220 0000000100020003000400050006000700080009000A000B000C000D000E000F%
5221 0010001100120013001400150016001700180019001A001B001C001D001E001F%
5222 0020002100220023002400250026002700280029002A002B002C002D002E002F%
5223 0030003100320033003400350036003700380039003A003B003C003D003E003F%
5224 0040004100420043004400450046004700480049004A004B004C004D004E004F%
5225 0050005100520053005400550056005700580059005A005B005C005D005E005F%
5226 0060006100620063006400650066006700680069006A006B006C006D006E006F%
5227 0070007100720073007400750076007700780079007A007B007C007D007E007F%
5228 }

```

### 3.2.1 UTF8/16/32 encodings

```

5229 \Test{utf16be}{utf16be}{true}%
5230 {004D04304E8CD800DF02}%
5231 {004D04304E8CD800DF02}%
5232 \Test{utf16}{utf16be}{true}%
5233 {004D04304E8CD800DF02}%
5234 {004D04304E8CD800DF02}%
5235 \Test{utf16be}{utf16}{true}%
5236 {004D04304E8CD800DF02}%
5237 {004D04304E8CD800DF02}%
5238 \Test{utf16}{utf16}{true}%
5239 {004D04304E8CD800DF02}%
5240 {004D04304E8CD800DF02}%
5241 \Test{utf16}{utf16}{true}%
5242 {FEFF004D04304E8CD800DF02}%
5243 {004D04304E8CD800DF02}%
5244 \Test{utf16}{utf16}{true}%
5245 {FFFE4D0030048C4E00D802DF}%
5246 {004D04304E8CD800DF02}%
5247 \Test{utf16be}{utf32be}{true}%
5248 {004D04304E8CD800DF02}%
5249 {0000004D0000043000004E8C00010302}%
5250 \Test{utf16be}{utf32le}{true}%
5251 {004D04304E8CD800DF02}%
5252 {4D000000300400008C4E000002030100}%
5253 \Test{utf32be}{utf16}{true}%

```

```

5254 {0000004D00000043000004E8C00010302}%
5255 {004D04304E8CD800DF02}%
5256 \Test{utf32le}{utf16}{true}%
5257 {4D000000300400008C4E000002030100}%
5258 {004D04304E8CD800DF02}%
5259 \Test{utf32}{utf16}{true}%
5260 {0000004D00000043000004E8C00010302}%
5261 {004D04304E8CD800DF02}%
5262 \Test{utf32}{utf16}{true}%
5263 {0000FEFF0000004D00000043000004E8C00010302}%
5264 {004D04304E8CD800DF02}%
5265 \Test{utf32}{utf16}{true}%
5266 {FFFE00004D000000300400008C4E000002030100}%
5267 {004D04304E8CD800DF02}%
5268 \Test{utf32be}{utf16be}{false}{FFFFFFFF}{}
5269 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF}{004D}
5270 \Test{utf32be}{utf16be}{false}{FFFFFFFF0000004D}{|004D}
5271 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF00000430}{004D|0430}
5272 \Test{utf32be}{utf16be}{false}{FFFFFFFF0000004DFFFFFFFF}{|004D}
5273 \Test{utf32be}{utf16be}{false}{FFFFFF}{}
5274 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF}{004D}
5275 \Test{utf32be}{utf16be}{false}{FFFFFF0000004D}{}
5276 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF00000430}{004D}
5277 \Test{utf32be}{utf16be}{false}{FFFFFF0000004DFFFFFFFF}{|4DFF}
5278 \Test{utf32be}{utf16be}{false}{FFFF}{}
5279 \Test{utf32be}{utf16be}{false}{0000004DFFFF}{004D}
5280 \Test{utf32be}{utf16be}{false}{FFFF0000004D}{}
5281 \Test{utf32be}{utf16be}{false}{0000004DFFFF00000430}{004D}
5282 \Test{utf32be}{utf16be}{false}{FF}{}
5283 \Test{utf32be}{utf16be}{false}{0000004DFF}{004D}
5284 \Test{utf32be}{utf16be}{false}{FF0000004D}{}
5285 \Test{utf32be}{utf16be}{false}{0000004DFF00000430}{004D}
5286 \Test{utf16be}{utf32be}{true}{DBBFDFFF}{000FFFFFF}
5287 \Test{utf16be}{utf8}{true}%
5288 {004D04304E8CD800DF02}%
5289 {4DD0B0E4BA8CF0908C82}%
5290 \Test{utf32}{utf8}{true}%
5291 {000000000000007F000000800000FFFF000100000010FFFF}%
5292 {007FC280EFBFBFF0908080F48FBFBF}%
5293 \Test{utf8}{utf16}{true}%
5294 {007FC280EFBFBFF0908080F48FBFBF}%
5295 {0000007F0080FFFFD800DC00DBFFDFFF}%
5296 \Test{utf16}{utf32}{true}%
5297 {0000007F0080FFFFD800DC00DBFFDFFF}%
5298 {000000000000007F000000800000FFFF000100000010FFFF}%
5299 \Test{utf8}{utf32}{true}%
5300 {007FC280EFBFBFF0908080F48FBFBF}%
5301 {000000000000007F000000800000FFFF000100000010FFFF}%
5302 \Test{utf8}{utf16}{false}{64F57F}{|0064007F}
5303 \Test{utf8}{utf16}{false}{64FE7F}{|0064007F}
5304 \Test{utf8}{utf16}{false}{64FF7F}{|0064007F}
5305 \Test{utf8}{utf16}{false}{80}{}
5306 \Test{utf8}{utf16}{false}{7F807F}{007F|007F}
5307 \Test{utf8}{utf16}{false}{C0}{}
5308 \Test{utf8}{utf16}{false}{7FC07F}{|007F007F}
5309 \Test{utf8}{utf16}{false}{C1}{}
5310 \Test{utf8}{utf16}{false}{7FC17F}{|007F007F}
5311 \Test{utf8}{utf16}{false}{C080}{}
5312 \Test{utf8}{utf16}{false}{C2}{}
5313 \Test{utf8}{utf16}{false}{C2CF}{}
5314 \Test{utf8}{utf16}{false}{12C27F}{0012|007F}
5315 \Test{utf8}{utf16}{true}{C280}{0080}

```

```

5316 \Test{utf8}{utf16}{true}{DFBF}{07FF}
5317 \Test{utf8}{utf16}{false}{E0}{}
5318 \Test{utf8}{utf16}{false}{E07F}{|007F}
5319 \Test{utf8}{utf16}{false}{E0A0}{}
5320 \Test{utf8}{utf16}{false}{E0A07F}{|007F}
5321 \Test{utf8}{utf16}{false}{E08080}{}
5322 \Test{utf8}{utf16}{false}{E080807F}{|007F}
5323 \Test{utf8}{utf16}{true}{ED8080}{D000}
5324 \Test{utf8}{utf16}{true}{ED9FBF}{D7FF}
5325 \Test{utf8}{utf16}{true}{EE8080}{E000}
5326 \Test{utf8}{utf16}{true}{EFBFBF}{FFFF}
5327 \Test{utf8}{utf32}{false}{F0}{}
5328 \Test{utf8}{utf32}{false}{F07F}{|0000007F}
5329 \Test{utf8}{utf32}{false}{F090}{}
5330 \Test{utf8}{utf32}{false}{F0907F}{|0000007F}
5331 \Test{utf8}{utf32}{false}{F09080}{}
5332 \Test{utf8}{utf32}{false}{F090807F}{|0000007F}
5333 \Test{utf8}{utf32}{true}{F0908080}{00010000}
5334 \Test{utf8}{utf32}{false}{F0808080}{}
5335 \Test{utf8}{utf32}{false}{F08080807F}{|0000007F}
5336 \Test{utf8}{utf32}{true}{F1808080}{00040000}
5337 \Test{utf8}{utf32}{true}{F3BFBFBF}{000FFFFF}
5338 \Test{utf8}{utf32}{true}{F4808080}{00100000}
5339 \Test{utf8}{utf32}{true}{F48FBFBF}{0010FFFF}
5340 \Test{utf8}{utf32}{false}{F4BFBFBF}{}
5341 \Test{utf8}{utf32}{false}{F4BFBFBF7F}{|0000007F}
5342 \Test{utf16be}{utf8}{true}{0000}{00}
5343 \Test{utf16be}{utf8}{true}{007F}{7F}
5344 \Test{utf16be}{utf8}{true}{0080}{C280}
5345 \Test{utf16be}{utf8}{true}{07FF}{DFBF}
5346 \Test{utf16be}{utf8}{true}{0800}{E0A080}
5347 \Test{utf16be}{utf8}{true}{0FFF}{E0BFBF}
5348 \Test{utf16be}{utf8}{true}{1000}{E18080}
5349 \Test{utf16be}{utf8}{true}{CFFF}{ECBFBF}
5350 \Test{utf16be}{utf8}{true}{D000}{ED8080}
5351 \Test{utf16be}{utf8}{true}{D7FF}{ED9FBF}
5352 \Test{utf16be}{utf8}{false}{D800}{}
5353 \Test{utf16be}{utf8}{false}{DFFF}{}
5354 \Test{utf16be}{utf8}{true}{E000}{EE8080}
5355 \Test{utf16be}{utf8}{true}{FFFF}{EFBFBF}
5356 \Test{utf32be}{utf8}{true}{00010000}{F0908080}
5357 \Test{utf32be}{utf8}{true}{0003FFFF}{F0BFBFBF}
5358 \Test{utf32be}{utf8}{true}{00040000}{F1808080}
5359 \Test{utf32be}{utf8}{true}{000FFFFF}{F3BFBFBF}
5360 \Test{utf32be}{utf8}{true}{00100000}{F4808080}
5361 \Test{utf32be}{utf8}{true}{0010FFFF}{F48FBFBF}
5362 \Test{utf32be}{utf8}{false}{00110000}{}
5363 \Test{utf32be}{utf8}{false}{001100000000007F}{|7F}

```

### 3.2.2 ASCII

```

5364 \Test{ascii}{utf8}{true}{007F}{007F}
5365 \Test{ascii}{utf8}{false}{80}{}
5366 \Test{ascii}{utf8}{false}{80}{}
5367 \Test{ascii}{utf8}{false}{807F}{|7F}
5368 \Test{utf16be}{ascii}{true}{0000007F}{007F}
5369 \Test{utf16be}{ascii}{false}{0080}{}
5370 \Test{utf16be}{ascii}{false}{0430}{}
5371 \Test{utf16be}{ascii}{false}{D800DF02}{}
5372 \Test{utf16be}{ascii}{false}{D800DF02007F}{|7F}
5373 \Test{ascii}{utf16be}{true}\AllBytesLow\AllUnicodeLow
5374 \Test{utf16be}{ascii}{true}\AllUnicodeLow\AllBytesLow

```

### 3.2.3 PDFDocEncoding

```
5375 \def\pdfdocSlots{%
5376 090A0D18191A1B1C1D1E1F%
5377 202122232425262728292A2B2C2D2E2F303132333435363738393A3B3C3D3E3F%
5378 404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F%
5379 606162636465666768696A6B6C6D6E6F707172737475767778797A7B7C7D7E%
5380 808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E%
5381 A0A1A2A3A4A5A6A7A8A9AAABACAFAFB0B1B2B3B4B5B6B7B8B9BABBBCBDBEBF%
5382 C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5383 E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFF%
5384 }
5385 \def\pdfdocUnicode{%
5386 0009000A000D002D002C602D902DD02DB02DA02DC%
5387 0020002100220023002400250026002700280029002A002B002C002D002E002F%
5388 0030003100320033003400350036003700380039003A003B003C003D003E003F%
5389 0040004100420043004400450046004700480049004A004B004C004D004E004F%
5390 0050005100520053005400550056005700580059005A005B005C005D005E005F%
5391 0060006100620063006400650066006700680069006A006B006C006D006E006F%
5392 0070007100720073007400750076007700780079007A007B007C007D007E%
5393 202220202021202620142013019220442039203A22122030201E201C201D2018%
5394 2019201A2122FB01FB020141015201600178017D0131014201530161017E%
5395 20AC00A100A200A300A400A500A600A700A800A900AA00AB00AC00AE00AF%
5396 00B000B100B200B300B400B500B600B700B800B900BA00BB00BC00BD00BE00BF%
5397 00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5398 00D000D100D200D300D400D500D600D700D800D900DA00DB00DC00DD00DE00DF%
5399 00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5400 00F000F100F200F300F400F500F600F700F800F900FA00FB00FC00FD00FE00FF%
5401 }
5402 \Test{pdfdoc}{utf16be}{false}%
5403 {0001020304050607080B0C0E0F10111213141516177F9FAD}%
5404 {}%
5405 \Test{pdfdoc}{utf16be}{true}\pdfdocSlots\pdfdocUnicode
5406 \Test{pdfdoc}{utf16be}{false}\AllBytes{\pdfdocUnicode}%
5407 \Test{utf16be}{pdfdoc}{true}\pdfdocUnicode\pdfdocSlots
5408 \Test{utf16be}{pdfdoc}{true}{FEFF0054006500730074}{54657374}
```

### 3.2.4 ISO-8859-1

```
5409 \Test{iso-8859-1}{utf16be}{true}{007FA0FF}{0000007F00A000FF}
5410 \Test{iso-8859-1}{utf16be}{false}{80}{-}
5411 \Test{iso-8859-1}{utf16be}{false}{807F}{|007F}
5412 \Test{iso-8859-1}{utf16be}{false}{9F}{-}
5413 \Test{iso-8859-1}{utf16be}{false}{9F7F}{|007F}
```

### 3.2.5 CP1252

```
5414 \def\Slots{%
5415 \AllBytesLow
5416 8082838485868788898A8B8C8E9192939495969798999A9B9C9E9F%
5417 A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BABBBCBDBEBF%
5418 C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5419 E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFF%
5420 }
5421 \def\Unicode{%
5422 \AllUnicodeLow
5423 20AC201A0192201E20262020202102C62030016020390152017D%
5424 20182019201C201D20222013201402DC21220161203A0153017E0178%
5425 00A000A100A200A300A400A500A600A700A800A900AA00AB00AC00AD00AE00AF%
5426 00B000B100B200B300B400B500B600B700B800B900BA00BB00BC00BD00BE00BF%
5427 00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5428 00D000D100D200D300D400D500D600D700D800D900DA00DB00DC00DD00DE00DF%
5429 00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5430 00F000F100F200F300F400F500F600F700F800F900FA00FB00FC00FD00FE00FF%
5431 }
```



```

5432 \Test{cp1252}{utf16be}{false}{818D8F909D}{ }
5433 \Test{cp1252}{utf16be}{true}\Slots\Unicode
5434 \Test{utf16be}{cp1252}{true}\Unicode\Slots

```

### 3.2.6 KOI8-R

```

5435 \def\Slots{%
5436   \AllBytesLow
5437   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E9F%
5438   A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BABBBCBDBEBF%
5439   C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5440   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFF%
5441 }
5442 \def\Unicode{%
5443   \AllUnicodeLow
5444   25002502250C251025142518251C2524252C2534253C258025842588258C2590%
5445   259125922593232025A02219221A22482264226500A0232100B000B200B700F7%
5446   25502551255204512553255425552556255725582559255A255B255C255D255E%
5447   255F25602561040125622563256425652566256725682569256A256B256C00A9%
5448   044E0430043104460434043504440433044504380439043A043B043C043D043E%
5449   043F044F044004410442044304360432044C044B04370448044D04490447044A%
5450   042E0410041104260414041504240413042504180419041A041B041C041D041E%
5451   041F042F042004210422042304160412042C042B04170428042D04290427042A%
5452 }
5453 \Test{koi8-r}{utf16be}{true}\Slots\Unicode
5454 \Test{utf16be}{koi8-r}{true}\Unicode\Slots

```

### 3.2.7 DEC-MCS

```

5455 \def\Slots{%
5456   \AllBytesLow
5457   A1A2A3A5A7A8A9AAAB0B1B2B3B5B6B7B9BABBBCBDBF%
5458   C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD1D2D3D4D5D6D7D8D9DADBDCDDDF%
5459   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF1F2F3F4F5F6F7F8F9FAFBFCFD%
5460 }
5461 \def\Unicode{%
5462   \AllUnicodeLow
5463   00A100A200A300A500A700A400A900AA00AB%
5464   00B000B100B200B300B500B600B700B900BA00BB00BC00BD00BF%
5465   00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5466   00D100D200D300D400D500D6015200D800D900DA00DB00DC017800DF%
5467   00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5468   00F100F200F300F400F500F6015300F800F900FA00FB00FC00FF%
5469 }
5470 \Test{dec-mcs}{utf16be}{true}\Slots\Unicode
5471 \Test{dec-mcs}{utf16be}{false}{C0BEC2}{00C0|00C2}
5472 \Test{utf16be}{dec-mcs}{true}\Unicode\Slots

```

## 3.3 Removal of byte order marks

```

5473 \Test{utf16be}{utf16be}{true}{FEFF}{ }
5474 \Test{utf16be}{utf16be}{true}{FFFE}{FFFE}
5475 \Test{utf16le}{utf16le}{true}{FFFE}{ }
5476 \Test{utf16le}{utf16le}{true}{FEFF}{FEFF}
5477 \Test{utf32be}{utf32be}{true}{0000FEFF}{ }
5478 \Test{utf32be}{utf32be}{true}{0000FFFE}{0000FFFE}
5479 \Test{utf32le}{utf32le}{true}{FFFE0000}{ }
5480 \Test{utf32le}{utf32le}{true}{FEFF0000}{FEFF0000}
5481 \csname @@end\endcsname
5482 </test2>

```

## 4 Installation

### 4.1 Download

**Package.** This package is available on CTAN<sup>1</sup>:

[CTAN:macros/latex/contrib/oberdiek/stringenc.dtx](#) The source file.

[CTAN:macros/latex/contrib/oberdiek/stringenc.pdf](#) Documentation.

**Bundle.** All the packages of the bundle ‘oberdiek’ are also available in a TDS compliant ZIP archive. There the packages are already unpacked and the documentation files are generated. The files and directories obey the TDS standard.

[CTAN:install/macros/latex/contrib/oberdiek.tds.zip](#)

*TDS* refers to the standard “A Directory Structure for T<sub>E</sub>X Files” ([CTAN:tds/tds.pdf](#)). Directories with `texmf` in their name are usually organized this way.

### 4.2 Bundle installation

**Unpacking.** Unpack the `oberdiek.tds.zip` in the TDS tree (also known as `texmf` tree) of your choice. Example (linux):

```
unzip oberdiek.tds.zip -d ~/texmf
```

**Script installation.** Check the directory `TDS:scripts/oberdiek/` for scripts that need further installation steps. Package `attachfile2` comes with the Perl script `pdfatfi.pl` that should be installed in such a way that it can be called as `pdfatfi`. Example (linux):

```
chmod +x scripts/oberdiek/pdfatfi.pl
cp scripts/oberdiek/pdfatfi.pl /usr/local/bin/
```

### 4.3 Package installation

**Unpacking.** The `.dtx` file is a self-extracting `docstrip` archive. The files are extracted by running the `.dtx` through plain T<sub>E</sub>X:

```
tex stringenc.dtx
```

**TDS.** Now the different files must be moved into the different directories in your installation TDS tree (also known as `texmf` tree):

---

<sup>1</sup><http://ftp.ctan.org/tex-archive/>

stringenc.sty	→ tex/generic/oberdiek/stringenc.sty
se-utf32be.def	→ tex/generic/oberdiek/se-utf32be.def
se-utf32le.def	→ tex/generic/oberdiek/se-utf32le.def
se-utf8.def	→ tex/generic/oberdiek/se-utf8.def
se-utf16le.def	→ tex/generic/oberdiek/se-utf16le.def
se-pdfdoc.def	→ tex/generic/oberdiek/se-pdfdoc.def
se-iso-8859-1.def	→ tex/generic/oberdiek/se-iso-8859-1.def
se-cp1252.def	→ tex/generic/oberdiek/se-cp1252.def
se-ascii.def	→ tex/generic/oberdiek/se-ascii.def
se-ascii-print.def	→ tex/generic/oberdiek/se-ascii-print.def
se-clean7bit.def	→ tex/generic/oberdiek/se-clean7bit.def
se-iso-8859-2.def	→ tex/generic/oberdiek/se-iso-8859-2.def
se-iso-8859-3.def	→ tex/generic/oberdiek/se-iso-8859-3.def
se-iso-8859-4.def	→ tex/generic/oberdiek/se-iso-8859-4.def
se-iso-8859-5.def	→ tex/generic/oberdiek/se-iso-8859-5.def
se-iso-8859-6.def	→ tex/generic/oberdiek/se-iso-8859-6.def
se-iso-8859-7.def	→ tex/generic/oberdiek/se-iso-8859-7.def
se-iso-8859-8.def	→ tex/generic/oberdiek/se-iso-8859-8.def
se-iso-8859-9.def	→ tex/generic/oberdiek/se-iso-8859-9.def
se-iso-8859-10.def	→ tex/generic/oberdiek/se-iso-8859-10.def
se-iso-8859-11.def	→ tex/generic/oberdiek/se-iso-8859-11.def
se-iso-8859-13.def	→ tex/generic/oberdiek/se-iso-8859-13.def
se-iso-8859-14.def	→ tex/generic/oberdiek/se-iso-8859-14.def
se-iso-8859-15.def	→ tex/generic/oberdiek/se-iso-8859-15.def
se-iso-8859-16.def	→ tex/generic/oberdiek/se-iso-8859-16.def
se-koi8-r.def	→ tex/generic/oberdiek/se-koi8-r.def
se-nextstep.def	→ tex/generic/oberdiek/se-nextstep.def
se-mac-centeuro.def	→ tex/generic/oberdiek/se-mac-centeuro.def
se-mac-cyrillic.def	→ tex/generic/oberdiek/se-mac-cyrillic.def
se-mac-roman.def	→ tex/generic/oberdiek/se-mac-roman.def
se-dec-mcs.def	→ tex/generic/oberdiek/se-dec-mcs.def
se-cp437.def	→ tex/generic/oberdiek/se-cp437.def
se-cp850.def	→ tex/generic/oberdiek/se-cp850.def
se-cp852.def	→ tex/generic/oberdiek/se-cp852.def
se-cp855.def	→ tex/generic/oberdiek/se-cp855.def
se-cp858.def	→ tex/generic/oberdiek/se-cp858.def
se-cp865.def	→ tex/generic/oberdiek/se-cp865.def
se-cp866.def	→ tex/generic/oberdiek/se-cp866.def
se-cp1250.def	→ tex/generic/oberdiek/se-cp1250.def
se-cp1251.def	→ tex/generic/oberdiek/se-cp1251.def
se-cp1257.def	→ tex/generic/oberdiek/se-cp1257.def
stringenc.pdf	→ doc/latex/oberdiek/stringenc.pdf
test/stringenc-test1.tex	→ doc/latex/oberdiek/test/stringenc-test1.tex
test/stringenc-test2.tex	→ doc/latex/oberdiek/test/stringenc-test2.tex
stringenc.dtx	→ source/latex/oberdiek/stringenc.dtx

If you have a `docstrip.cfg` that configures and enables `docstrip`'s TDS installing feature, then some files can already be in the right place, see the documentation of `docstrip`.

## 4.4 Refresh file name databases

If your  $\text{\TeX}$  distribution (te $\text{\TeX}$ , mik $\text{\TeX}$ , ...) relies on file name databases, you must refresh these. For example, te $\text{\TeX}$  users run `texhash` or `mktexlsr`.

## 4.5 Some details for the interested

**Attached source.** The PDF documentation on CTAN also includes the `.dtx` source file. It can be extracted by AcrobatReader 6 or higher. Another option is `pdftk`, e.g. unpack the file into the current directory:

```
pdftk stringenc.pdf unpack_files output .
```

**Unpacking with L<sup>A</sup>T<sub>E</sub>X.** The .dtx chooses its action depending on the format:

**plain T<sub>E</sub>X:** Run docstrip and extract the files.

**L<sup>A</sup>T<sub>E</sub>X:** Generate the documentation.

If you insist on using L<sup>A</sup>T<sub>E</sub>X for docstrip (really, docstrip does not need L<sup>A</sup>T<sub>E</sub>X), then inform the autodetect routine about your intention:

```
latex \let\install=y\input{stringenc.dtx}
```

Do not forget to quote the argument according to the demands of your shell.

**Generating the documentation.** You can use both the .dtx or the .drv to generate the documentation. The process can be configured by the configuration file ltxdoc.cfg. For instance, put this line into this file, if you want to have A4 as paper format:

```
\PassOptionsToClass{a4paper}{article}
```

An example follows how to generate the documentation with pdfL<sup>A</sup>T<sub>E</sub>X:

```
pdflatex stringenc.dtx
makeindex -s gind.ist stringenc.idx
pdflatex stringenc.dtx
makeindex -s gind.ist stringenc.idx
pdflatex stringenc.dtx
```

## 5 History

[2007/06/14 v1.0]

- First version.

[2007/06/16 v1.1]

- \StringEncodingConvertTest added.
- Fixes for cp850, cp852, nextstep.

[2007/09/09 v1.2]

- Uses \EdefSanitize instead of \PE@sanitize from package pdfescape (2007/08/27 v1.5).

[2007/10/22 v1.3]

- \StringEncodingList added.
- Safer encoding file loading by ensuring all used catcodes.

[2007/11/11 v1.4]

- Use of package pdftexcmds for LuaT<sub>E</sub>X support.

[2007/11/25 v1.5]

- Bug in use of \pdf@filesize fixed, bug introduced in previous version.

[2008/10/27 v1.6]

- Supported encoding list in documentation fixed.

[2009/12/15 v1.7]

- Encoding clean7bit added.
- Encoding ascii-print added.

[2010/03/01 v1.8]

- Compatibility with ini-TeX.
- Use of package ltxcmds.

## 6 Index

Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; plain numbers refer to the code lines where the entry is used.

Symbols	
<code>\#</code> .....	5118
<code>\%</code> .....	5121
<code>\@</code> .....	5114
<code>\@@end</code> .....	5130, 5156
<code>\@input</code> .....	351
<code>\@PackageError</code> .....	178, 266
<code>\@PackageWarning</code> .....	345
<code>\@ehc</code> .....	181, 269
<code>\@for</code> .....	5153
<code>\@ifnextchar</code> .....	351
<code>\@input</code> .....	351
<code>\@inputcheck</code> .....	316, 318, 319
<code>\@one</code> .....	5098, 5106
<code>\@nil</code> ..	135, 149, 151, 609, 611, 625, 627, 644, 646, 657, 659, 795, 901, 928, 943, 964, 979, 983, 987
<code>\@undefined</code> .....	58
<code>\[</code> .....	5119
<code>\]</code> .....	328, 5115
<code>\{</code> .....	5116
<code>\}</code> .....	5117
<code>\]</code> .....	5120
<code>\_</code> .....	5122
A	
<code>\advance</code> .....	482, 5098, 5106
<code>\aftergroup</code> .....	29
<code>\AllBytes</code> .....	5215, 5406
<code>\AllBytesHigh</code> .....	5209, 5217
<code>\AllBytesLow</code> .....	5203, 5216, 5373, 5374, 5415, 5436, 5456
<code>\AllUnicodeLow</code> .....	5219, 5373, 5374, 5422, 5443, 5462
B	
<code>\begin</code> .....	5137, 5183
C	
<code>\catcode</code> .....	2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 33, 34, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 69, 70, 72, 73, 74, 78, 79, 80, 81, 82, 83, 84, 87, 88, 90, 91, 92, 93, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 277, 278, 279, 280, 281, 282, 298, 305, 369, 370, 372, 373, 5095, 5104, 5114, 5115, 5116, 5117, 5118, 5119, 5120, 5121, 5122, 5123
<code>\count</code> .....	481, 482, 484
<code>\count@</code> .....	5091, 5095, 5097, 5098, 5102, 5104, 5105, 5106
<code>\csname</code> ..	14, 21, 50, 66, 76, 125, 144, 152, 154, 155, 157, 159, 160, 162, 165, 174, 177, 184, 186, 262, 265, 271, 287, 310, 313, 315, 316, 364, 493, 496, 500, 508, 514, 519, 524, 527, 533, 535, 537, 539, 667, 782, 784, 787, 788, 831, 851, 917, 955, 997, 1226, 1229, 1233, 1250, 1273, 1277, 1360, 1379, 1383, 1413, 1432, 1436, 1490, 1497, 1501, 1524, 1539, 1543, 1572, 1599, 1603, 1791, 1793, 1795, 5481
D	
<code>\do</code> .....	5153
<code>\documentclass</code> .....	5087, 5161
E	
<code>\EdefEscapeHex</code> .....	549, 5188, 5194
<code>\EdefSanitize</code> .....	173, 261, 531, 532, 535, 539, 602, 603, 604, 605, 606, 607
<code>\EdefUnescapeHex</code> .....	586, 5186
<code>\empty</code> .....	17, 18
<code>\end</code> .....	5151, 5200
<code>\endcsname</code> .....	14, 21, 50, 66, 76, 125, 144, 152, 154, 155, 157, 159, 160, 162, 165, 174, 177, 184, 186, 262, 265, 271, 287, 310, 313, 315, 316, 364, 493, 496, 499, 500, 508,

514, 518, 519, 524, 527, 533, 535, 537, 539, 667, 782, 784, 787, 788, 831, 851, 917, 955, 997, 1226, 1229, 1233, 1250, 1273, 1277, 1360, 1379, 1383, 1413, 1432, 1436, 1490, 1497, 1501, 1524, 1539, 1543, 1572, 1599, 1603, 1791, 1793, 1795, 5481	\ifx . . . . . 15, 18, 21, 50, 58, 61, 125, 144, 174, 177, 192, 195, 225, 245, 262, 265, 287, 296, 303, 310, 313, 315, 328, 353, 364, 409, 508, 524, 533, 537, 541, 544, 550, 553, 556, 559, 562, 565, 573, 575, 580, 836, 839, 856, 859, 1015, 1042, 1057, 1086, 1139, 1237, 1239, 1282, 1388, 1441, 1506, 1548, 1608, 1777, 5129, 5163, 5168
\endinput . . . . . 29, 123	\immediate . . . . . 23, 52, 289
\endlinechar . . . . 4, 35, 71, 77, 89, 283	\IN . . . . . 5186, 5187, 5192
\escapechar . . . . . 147	\IncludeTests . . . . . 5134, 5172
\Expect . . . 5150, 5189, 5190, 5195, 5199	\input 126, 127, 128, 311, 353, 355, 359
<b>G</b>	<b>L</b>
\gdef . . . . . 493, 496, 782, 784, 787, 788, 820, 826, 831, 835, 851, 855, 870, 917, 955, 997, 1014, 1041, 1212, 1226, 1229, 1233, 1236, 1250, 1273, 1277, 1281, 1360, 1379, 1383, 1387, 1413, 1432, 1436, 1440, 1490, 1497, 1501, 1505, 1524, 1539, 1543, 1547, 1572, 1599, 1603, 1607	\LogTests . . . . . 5135, 5173
<b>H</b>	\loop . . . . . 5092, 5103
\hbox . . . . . 5145, 5184	\ltx@empty . . . . . 172, 260, 405, 406, 409, 644, 655, 656, 998
<b>I</b>	\ltx@firstofone . . . . . 377, 385
\if . . . . . 1195	\ltx@firstoftwo . . . . . 592
\ifcase . . . . . 229, 376, 377, 383, 385, 871, 893, 1001, 1018, 1061, 1090, 1100, 1143, 1251, 1285, 1361, 1391, 1414, 1444	\ltx@gobblefour . . . . . 614, 618
\ifcsname . . . . . 499, 518	\ltx@gobbletwo . . . . . . 794, 802, 804, 904, 930, 945, 963, 981, 982, 985, 986, 989, 1077, 1127, 1129, 1158, 1180, 1184
\ifcof . . . . . 319	\ltx@one . . . . . 235, 800, 878, 881, 969, 1003, 1027, 1104, 1111, 1114, 1217, 1259, 1262, 1266, 1296, 1299, 1363, 1366, 1392, 1395, 1416, 1419, 1445, 1448
\IfFileExists . . . . . 337	\ltx@ssecondoftwo . . . . . 590
\ifnum . . . . . 200, 203, 206, 229, 232, 414, 415, 416, 417, 423, 430, 431, 437, 445, 446, 447, 453, 460, 461, 467, 612, 616, 629, 630, 634, 635, 647, 660, 661, 809, 871, 874, 877, 880, 918, 921, 970, 1018, 1021, 1024, 1045, 1049, 1069, 1098, 1100, 1101, 1107, 1108, 1152, 1162, 1168, 1213, 1216, 1251, 1252, 1255, 1256, 1285, 1286, 1292, 1293, 1361, 1362, 1365, 1391, 1394, 1414, 1415, 1418, 1444, 1447, 1491, 1509, 1525, 1526, 1527, 1551, 1557, 1573, 1574, 1575, 1578, 1581, 1584, 1611, 1617, 1618, 1621, 1624, 1763, 1780, 5097, 5105	\ltx@zero . 230, 233, 414, 415, 416, 417, 423, 430, 431, 437, 445, 446, 447, 453, 460, 461, 467, 481, 482, 484, 629, 634, 871, 872, 875, 883, 1005, 1008, 1019, 1022, 1025, 1102, 1107, 1109, 1168, 1214, 1219, 1253, 1257, 1289, 1294, 1361, 1368, 1372, 1397, 1414, 1421, 1425, 1450, 1525
\ifodd . . . . . 1075	<b>M</b>
\ifSE@invalid . 167, 215, 251, 589, 1002	\makeatletter . . . . . 5088
\ifSE@numexpr . . . . . 362, 368	\MessageBreak . . . . . 179, 267, 346
\ifSE@TestMode . . . . . 214, 239, 250, 503, 510, 601, 889, 1001, 1032, 1051, 1063, 1092, 1118, 1145, 1164, 1170, 1307, 1401, 1511, 1553, 1559, 1613, 1628	<b>N</b>
	\NeedsTeXFormat . . . . . 5085, 5159
	\newcommand . . . . . 5090, 5101
	\NIL . . . . . 5178, 5182
	\nofiles . . . . . 5086, 5160
	\number . . . . . 377, 385
	\numexpr . . . . . 376, 383, 412, 479, 5129, 5164, 5165, 5169
	<b>O</b>
	\openin . . . . . 318
	<b>P</b>
	\PackageInfo . . . . . 26
	\par . . . . . 5146, 5185

\pdf@filesize .....	328	674, 675, 676, 677, 678, 679,
\pdfdocSlots .....	5375, 5405, 5407	680, 681, 682, 683, 684, 685,
\pdfdocUnicode 5385, 5405, 5406, 5407		686, 687, 688, 689, 690, 691,
\plainmode .....	5163, 5168	692, 693, 694, 695, 696, 697, 699
\ProvidesFile .....		\SE@FileNotFound .. 320, 329, 340, <u>344</u>
.... 288, 780, 781, 916, 1225,		\SE@from .....
1249, 1359, 1412, 1489, 1522,		531, 533, 535, 550,
1571, 1642, 1646, 1650, 1654,		553, 556, 559, 562, 565, 573,
1658, 1662, 1666, 1670, 1674,		575, 578, 613, 617, 620, 628, 636
1678, 1682, 1686, 1690, 1694,		\SE@from@general .....
1698, 1702, 1706, 1710, 1714,		1772, 1796
1718, 1722, 1726, 1730, 1734,		\SE@GobbleEight .....
1738, 1742, 1746, 1750, 1754, 1758		<u>134</u> , 631, 637
\ProvidesPackage .....	19, 67	\SE@high .. 209, 247, 897, 898, 899, 907
		\SE@Input .....
		322, 331, 338, <u>350</u>
		\SE@InputIfFileExists .....
		292, <u>309</u>
		\SE@InvalidCharacter .....
		.... <u>168</u> , 197, 207, 226, 238,
		502, 509, 521, 525, 841, 861,
		888, 1031, 1050, 1059, 1062,
		1088, 1091, 1117, 1141, 1144,
		1163, 1169, 1194, 1240, 1275,
		1306, 1374, 1381, 1400, 1434,
		1494, 1499, 1510, 1530, 1533,
		1536, 1541, 1552, 1558, 1587,
		1593, 1596, 1601, 1612, 1627, 1770
		\SE@invalidfalse .....
		548
		\SE@invalidtrue .....
		169
		\SE@isoone@from ....
		<u>1384</u> , <u>1385</u> , <u>1387</u>
		\SE@low .....
		896, 901, 903, 904, 908
		\SE@MakeLetters .....
		284, <u>295</u>
		\SE@MakeOthers .....
		286, <u>302</u>
		\SE@MapConvertFrom .....
		.... <u>498</u> , 1304, 1453, 1783
		\SE@MapConvertTo .....
		<u>517</u> , 1270, 1427, 1766
		\SE@MapDeclare .....
		<u>488</u> ,
		1314, 1315, 1316, 1317, 1318,
		1319, 1320, 1321, 1322, 1323,
		1324, 1325, 1326, 1327, 1328,
		1329, 1330, 1331, 1332, 1333,
		1334, 1335, 1336, 1337, 1338,
		1339, 1340, 1341, 1342, 1343,
		1344, 1345, 1346, 1347, 1348,
		1349, 1350, 1351, 1352, 1353,
		1354, 1355, 1356, 1460, 1461,
		1462, 1463, 1464, 1465, 1466,
		1467, 1468, 1469, 1470, 1471,
		1472, 1473, 1474, 1475, 1476,
		1477, 1478, 1479, 1480, 1481,
		1482, 1483, 1484, 1485, 1486,
		1799, 1800, 1801, 1802, 1803,
		1804, 1805, 1806, 1807, 1808,
		1809, 1810, 1811, 1812, 1813,
		1814, 1815, 1816, 1817, 1818,
		1819, 1820, 1821, 1822, 1823,
		1824, 1825, 1826, 1827, 1828,
		1829, 1830, 1831, 1832, 1833,
		1834, 1835, 1836, 1837, 1838,
		1839, 1840, 1841, 1842, 1843,
		1844, 1845, 1846, 1847, 1848,
		1849, 1850, 1851, 1852, 1853,
		1854, 1855, 1856, 1857, 1858,
		1859, 1860, 1861, 1862, 1863,
		1864, 1865, 1866, 1867, 1868,
		1869, 1870, 1871, 1872, 1873,

  

### R

\RangeCatcodeInvalid .....	
.... 5101, 5110, 5111, 5112,	
5113, 5138, 5140, 5142, 5144, 5147	
\repeat .....	5099, 5107
\RequirePackage .....	130, 131, 132
\RestoreCatcodes 5090, 5093, 5094, 5125	
\RESULT 5187, 5188, 5189, 5192, 5194, 5195	

  

### S

\SavedNumexpr .....	5164, 5169
\SE@@CheckByteOrderFour ...	625, 627
\SE@@CheckByteOrderTwo ....	609, 611
\SE@@ConvertTo .....	187, <u>191</u> , 249
\SE@@from@general ..	<u>1773</u> , <u>1774</u> , <u>1776</u>
\SE@newif .....	149, <u>151</u>
\SE@Nibbles@BinToHex .	405, 408, 475
\SE@@RemoveByteOrderFour ...	654, 659
\SE@@RemoveByteOrderTwo ...	643, 646
\SE@@ScanLow .....	210, <u>224</u>
\SE@a .....	652, 660,
791, 795, 801, 802, 815, 958,	
964, 982, 1124, 1127, 1174, 1180	
\SE@Add ..	<u>478</u> , 800, 897, 969, 972, 1161
\SE@ansinew@from ...	1437, 1438, 1440
\SE@ascii@from .....	1502, 1503, 1505
\SE@ascii@print@from	1544, 1545, 1547
\SE@AtEnd .....	95, 96, 123, 1788
\SE@b .....	653, 661, 959,
983, 985, 1125, 1129, 1175, 1184	
\SE@c .....	792, 804, 960, 986
\SE@CarTwo .....	<u>135</u> , 795,
901, 928, 943, 964, 979, 983, 987	
\SE@char .....	971, 974, 978
\SE@CheckByteOrderFour ....	560, <u>624</u>
\SE@CheckByteOrderTwo ....	551, <u>608</u>
\SE@cleansevenbit@from .....	
.... 1604, 1605, 1607	
\SE@ConvertFrom .....	<u>259</u> , 577
\SE@ConvertNormal ....	183, 201, 204
\SE@ConvertSurrogate ..	185, 245, 247
\SE@ConvertTo .....	<u>171</u> , 582
\SE@d .....	961, 987, 989
\SE@encoding .....	173, 174,
175, 177, 179, 184, 186, 261,	
262, 263, 265, 267, 271, 1766, 1783	
\SE@EncodingAlias .....	
. <u>666</u> , 669, 670, 671, 672, 673,	

1874,	1875,	1876,	1877,	1878,	2192,	2193,	2194,	2195,	2196,
1879,	1880,	1881,	1882,	1883,	2197,	2198,	2199,	2200,	2201,
1884,	1885,	1886,	1887,	1888,	2202,	2203,	2204,	2205,	2206,
1889,	1890,	1891,	1892,	1893,	2207,	2208,	2209,	2210,	2211,
1894,	1897,	1898,	1899,	1900,	2212,	2213,	2214,	2215,	2216,
1901,	1902,	1903,	1904,	1905,	2217,	2218,	2219,	2220,	2221,
1906,	1907,	1908,	1909,	1910,	2222,	2223,	2224,	2225,	2226,
1911,	1912,	1913,	1914,	1915,	2227,	2228,	2229,	2230,	2231,
1916,	1917,	1918,	1919,	1920,	2232,	2233,	2234,	2237,	2238,
1921,	1922,	1923,	1924,	1925,	2239,	2240,	2241,	2242,	2243,
1926,	1927,	1928,	1929,	1930,	2244,	2245,	2246,	2247,	2248,
1931,	1932,	1933,	1934,	1935,	2249,	2250,	2251,	2252,	2253,
1936,	1937,	1938,	1939,	1940,	2254,	2255,	2256,	2257,	2258,
1941,	1942,	1943,	1944,	1945,	2259,	2260,	2261,	2262,	2263,
1946,	1947,	1948,	1949,	1950,	2264,	2265,	2266,	2267,	2268,
1951,	1952,	1953,	1954,	1955,	2269,	2270,	2271,	2272,	2273,
1956,	1957,	1958,	1959,	1960,	2274,	2275,	2276,	2277,	2278,
1961,	1962,	1963,	1964,	1965,	2279,	2280,	2281,	2282,	2283,
1966,	1967,	1968,	1969,	1970,	2284,	2285,	2286,	2287,	2288,
1971,	1972,	1973,	1974,	1975,	2289,	2290,	2291,	2292,	2293,
1976,	1977,	1978,	1979,	1980,	2294,	2295,	2296,	2297,	2298,
1981,	1982,	1983,	1984,	1985,	2299,	2300,	2301,	2302,	2303,
1988,	1989,	1990,	1991,	1992,	2304,	2305,	2306,	2307,	2308,
1993,	1994,	1995,	1996,	1997,	2309,	2310,	2311,	2312,	2313,
1998,	1999,	2000,	2001,	2002,	2314,	2315,	2316,	2317,	2318,
2003,	2004,	2005,	2006,	2007,	2319,	2320,	2321,	2322,	2323,
2008,	2009,	2010,	2011,	2012,	2324,	2325,	2326,	2327,	2328,
2013,	2014,	2015,	2016,	2017,	2329,	2332,	2333,	2334,	2335,
2018,	2019,	2020,	2021,	2022,	2336,	2337,	2338,	2339,	2340,
2023,	2024,	2025,	2026,	2027,	2341,	2342,	2343,	2344,	2345,
2028,	2029,	2030,	2031,	2032,	2346,	2347,	2348,	2349,	2350,
2033,	2034,	2035,	2036,	2037,	2351,	2352,	2353,	2354,	2355,
2038,	2039,	2040,	2041,	2042,	2356,	2357,	2358,	2359,	2360,
2043,	2044,	2045,	2046,	2047,	2361,	2362,	2363,	2364,	2365,
2048,	2049,	2050,	2051,	2052,	2366,	2367,	2368,	2369,	2370,
2053,	2054,	2055,	2056,	2057,	2371,	2372,	2373,	2374,	2375,
2058,	2059,	2060,	2061,	2062,	2376,	2377,	2378,	2379,	2380,
2063,	2064,	2065,	2066,	2067,	2381,	2382,	2383,	2384,	2385,
2068,	2069,	2070,	2071,	2072,	2386,	2387,	2388,	2389,	2390,
2073,	2074,	2075,	2076,	2077,	2391,	2394,	2395,	2396,	2397,
2078,	2079,	2080,	2081,	2082,	2398,	2399,	2400,	2401,	2402,
2083,	2086,	2087,	2088,	2089,	2403,	2404,	2405,	2406,	2407,
2090,	2091,	2092,	2093,	2094,	2408,	2409,	2410,	2411,	2412,
2095,	2096,	2097,	2098,	2099,	2413,	2414,	2415,	2416,	2417,
2100,	2101,	2102,	2103,	2104,	2418,	2419,	2420,	2421,	2422,
2105,	2106,	2107,	2108,	2109,	2423,	2424,	2425,	2426,	2427,
2110,	2111,	2112,	2113,	2114,	2428,	2429,	2430,	2431,	2432,
2115,	2116,	2117,	2118,	2119,	2433,	2434,	2435,	2436,	2437,
2120,	2121,	2122,	2123,	2124,	2438,	2439,	2440,	2441,	2442,
2125,	2126,	2127,	2128,	2129,	2443,	2444,	2445,	2446,	2447,
2130,	2131,	2132,	2133,	2134,	2448,	2449,	2450,	2451,	2452,
2135,	2136,	2137,	2138,	2139,	2453,	2454,	2455,	2456,	2457,
2140,	2141,	2142,	2143,	2144,	2458,	2459,	2460,	2461,	2462,
2145,	2146,	2147,	2148,	2149,	2463,	2464,	2465,	2466,	2467,
2150,	2151,	2152,	2153,	2154,	2468,	2469,	2470,	2471,	2472,
2155,	2156,	2157,	2158,	2159,	2473,	2474,	2475,	2476,	2477,
2160,	2161,	2162,	2163,	2164,	2478,	2479,	2480,	2481,	2482,
2165,	2166,	2167,	2168,	2169,	2483,	2484,	2485,	2486,	2487,
2170,	2171,	2172,	2173,	2174,	2488,	2489,	2492,	2493,	2494,
2175,	2176,	2177,	2178,	2179,	2495,	2496,	2497,	2498,	2499,
2180,	2181,	2184,	2185,	2186,	2500,	2501,	2502,	2503,	2504,
2187,	2188,	2189,	2190,	2191,	2505,	2506,	2507,	2508,	2509,



2510,	2511,	2512,	2513,	2514,	2826,	2827,	2828,	2829,	2830,
2515,	2516,	2517,	2518,	2519,	2831,	2832,	2833,	2834,	2835,
2520,	2521,	2522,	2523,	2524,	2836,	2837,	2838,	2839,	2840,
2525,	2526,	2527,	2528,	2529,	2841,	2842,	2843,	2844,	2845,
2530,	2531,	2532,	2533,	2534,	2846,	2847,	2848,	2849,	2850,
2535,	2536,	2537,	2538,	2539,	2851,	2852,	2853,	2854,	2855,
2540,	2541,	2542,	2543,	2544,	2856,	2857,	2858,	2859,	2860,
2545,	2546,	2547,	2548,	2549,	2861,	2862,	2863,	2864,	2865,
2550,	2551,	2552,	2553,	2554,	2866,	2867,	2868,	2869,	2870,
2555,	2556,	2557,	2558,	2559,	2871,	2872,	2873,	2876,	2877,
2560,	2561,	2562,	2563,	2564,	2878,	2879,	2880,	2881,	2882,
2565,	2566,	2567,	2568,	2569,	2883,	2884,	2885,	2886,	2887,
2570,	2571,	2572,	2573,	2574,	2888,	2889,	2890,	2891,	2892,
2575,	2576,	2577,	2578,	2579,	2893,	2894,	2895,	2896,	2897,
2580,	2581,	2582,	2583,	2584,	2898,	2899,	2900,	2901,	2902,
2585,	2586,	2587,	2590,	2591,	2903,	2904,	2905,	2906,	2907,
2592,	2593,	2594,	2595,	2596,	2908,	2909,	2910,	2911,	2912,
2597,	2598,	2599,	2600,	2601,	2913,	2914,	2915,	2916,	2917,
2602,	2603,	2604,	2605,	2606,	2918,	2919,	2920,	2921,	2922,
2607,	2608,	2609,	2610,	2611,	2923,	2924,	2925,	2926,	2927,
2612,	2613,	2614,	2615,	2616,	2928,	2929,	2930,	2931,	2932,
2617,	2618,	2619,	2620,	2621,	2933,	2934,	2935,	2936,	2937,
2622,	2623,	2624,	2625,	2626,	2938,	2939,	2940,	2941,	2942,
2627,	2628,	2629,	2630,	2631,	2943,	2944,	2945,	2946,	2947,
2632,	2633,	2634,	2635,	2636,	2948,	2949,	2950,	2951,	2952,
2637,	2638,	2639,	2640,	2641,	2953,	2954,	2955,	2956,	2957,
2642,	2643,	2644,	2645,	2646,	2958,	2959,	2960,	2961,	2962,
2647,	2648,	2649,	2650,	2651,	2963,	2964,	2965,	2966,	2967,
2652,	2653,	2654,	2655,	2656,	2968,	2969,	2970,	2971,	2974,
2657,	2658,	2659,	2660,	2661,	2975,	2976,	2977,	2978,	2979,
2662,	2663,	2664,	2665,	2666,	2980,	2981,	2982,	2983,	2984,
2667,	2668,	2669,	2670,	2671,	2985,	2986,	2987,	2988,	2989,
2672,	2673,	2674,	2675,	2676,	2990,	2991,	2992,	2993,	2994,
2677,	2680,	2681,	2682,	2683,	2995,	2996,	2997,	2998,	2999,
2684,	2685,	2686,	2687,	2688,	3000,	3001,	3002,	3003,	3004,
2689,	2690,	2691,	2692,	2693,	3005,	3006,	3007,	3008,	3009,
2694,	2695,	2696,	2697,	2698,	3010,	3011,	3012,	3013,	3014,
2699,	2700,	2701,	2702,	2703,	3015,	3016,	3017,	3018,	3019,
2704,	2705,	2706,	2707,	2708,	3020,	3021,	3022,	3023,	3024,
2709,	2710,	2711,	2712,	2713,	3025,	3026,	3027,	3028,	3029,
2714,	2715,	2716,	2717,	2718,	3030,	3031,	3032,	3033,	3034,
2719,	2720,	2721,	2722,	2723,	3035,	3036,	3037,	3038,	3039,
2724,	2725,	2726,	2727,	2728,	3040,	3041,	3042,	3043,	3044,
2729,	2730,	2731,	2732,	2733,	3045,	3046,	3047,	3048,	3049,
2734,	2735,	2736,	2737,	2738,	3050,	3051,	3052,	3053,	3054,
2739,	2740,	2741,	2742,	2743,	3055,	3056,	3057,	3058,	3059,
2744,	2745,	2746,	2747,	2748,	3060,	3061,	3062,	3063,	3064,
2749,	2750,	2751,	2752,	2753,	3065,	3066,	3067,	3068,	3069,
2754,	2755,	2756,	2757,	2758,	3072,	3073,	3074,	3075,	3076,
2759,	2760,	2761,	2762,	2763,	3077,	3078,	3079,	3080,	3081,
2764,	2765,	2766,	2767,	2768,	3082,	3083,	3084,	3085,	3086,
2769,	2770,	2771,	2772,	2773,	3087,	3088,	3089,	3090,	3091,
2774,	2775,	2778,	2779,	2780,	3092,	3093,	3094,	3095,	3096,
2781,	2782,	2783,	2784,	2785,	3097,	3098,	3099,	3100,	3101,
2786,	2787,	2788,	2789,	2790,	3102,	3103,	3104,	3105,	3106,
2791,	2792,	2793,	2794,	2795,	3107,	3108,	3109,	3110,	3111,
2796,	2797,	2798,	2799,	2800,	3112,	3113,	3114,	3115,	3116,
2801,	2802,	2803,	2804,	2805,	3117,	3118,	3119,	3120,	3121,
2806,	2807,	2808,	2809,	2810,	3122,	3123,	3124,	3125,	3126,
2811,	2812,	2813,	2814,	2815,	3127,	3128,	3129,	3130,	3131,
2816,	2817,	2818,	2819,	2820,	3132,	3133,	3134,	3135,	3136,
2821,	2822,	2823,	2824,	2825,	3137,	3138,	3139,	3140,	3141,

3142, 3143, 3144, 3145, 3146,  
 3147, 3148, 3149, 3150, 3151,  
 3152, 3153, 3154, 3155, 3156,  
 3157, 3158, 3159, 3160, 3161,  
 3162, 3163, 3164, 3165, 3166,  
 3167, 3168, 3169, 3170, 3171,  
 3172, 3173, 3174, 3175, 3176,  
 3177, 3178, 3179, 3180, 3181,  
 3182, 3183, 3184, 3185, 3186,  
 3187, 3188, 3189, 3190, 3191,  
 3192, 3193, 3194, 3195, 3196,  
 3197, 3198, 3199, 3202, 3203,  
 3204, 3205, 3206, 3207, 3208,  
 3209, 3210, 3211, 3212, 3213,  
 3214, 3215, 3216, 3217, 3218,  
 3219, 3220, 3221, 3222, 3223,  
 3224, 3225, 3226, 3227, 3228,  
 3229, 3230, 3231, 3232, 3233,  
 3234, 3235, 3236, 3237, 3238,  
 3239, 3240, 3241, 3242, 3243,  
 3244, 3245, 3246, 3247, 3248,  
 3249, 3250, 3251, 3252, 3253,  
 3254, 3255, 3256, 3257, 3258,  
 3259, 3260, 3261, 3262, 3263,  
 3264, 3265, 3266, 3267, 3268,  
 3269, 3270, 3271, 3272, 3273,  
 3274, 3275, 3276, 3277, 3278,  
 3279, 3280, 3281, 3282, 3283,  
 3284, 3285, 3286, 3287, 3288,  
 3289, 3290, 3291, 3292, 3293,  
 3294, 3295, 3296, 3297, 3298,  
 3299, 3300, 3301, 3302, 3303,  
 3304, 3305, 3306, 3307, 3308,  
 3309, 3310, 3311, 3312, 3313,  
 3314, 3315, 3316, 3317, 3318,  
 3319, 3320, 3321, 3322, 3323,  
 3324, 3325, 3326, 3327, 3330,  
 3331, 3332, 3333, 3334, 3335,  
 3336, 3337, 3338, 3339, 3340,  
 3341, 3342, 3343, 3344, 3345,  
 3346, 3347, 3348, 3349, 3350,  
 3351, 3352, 3353, 3354, 3355,  
 3356, 3357, 3358, 3359, 3360,  
 3361, 3362, 3363, 3364, 3365,  
 3366, 3367, 3368, 3369, 3370,  
 3371, 3372, 3373, 3374, 3375,  
 3376, 3377, 3378, 3379, 3380,  
 3381, 3382, 3383, 3384, 3385,  
 3386, 3387, 3388, 3389, 3390,  
 3391, 3392, 3393, 3394, 3395,  
 3396, 3397, 3398, 3399, 3400,  
 3401, 3402, 3403, 3404, 3405,  
 3406, 3407, 3408, 3409, 3410,  
 3411, 3412, 3413, 3414, 3415,  
 3416, 3417, 3418, 3419, 3420,  
 3421, 3422, 3423, 3424, 3425,  
 3426, 3427, 3428, 3429, 3430,  
 3431, 3432, 3433, 3434, 3435,  
 3436, 3437, 3438, 3439, 3440,  
 3441, 3442, 3443, 3444, 3445,  
 3446, 3447, 3448, 3449, 3450,  
 3451, 3452, 3453, 3454, 3455,  
 3456, 3457, 3460, 3461, 3462,  
 3463, 3464, 3465, 3466, 3467,  
 3468, 3469, 3470, 3471, 3472,  
 3473, 3474, 3475, 3476, 3477,  
 3478, 3479, 3480, 3481, 3482,  
 3483, 3484, 3485, 3486, 3487,  
 3488, 3489, 3490, 3491, 3492,  
 3493, 3494, 3495, 3496, 3497,  
 3498, 3499, 3500, 3501, 3502,  
 3503, 3504, 3505, 3506, 3507,  
 3508, 3509, 3510, 3511, 3512,  
 3513, 3514, 3515, 3516, 3517,  
 3518, 3519, 3520, 3521, 3522,  
 3523, 3524, 3525, 3526, 3527,  
 3528, 3529, 3530, 3531, 3532,  
 3533, 3534, 3535, 3536, 3537,  
 3538, 3539, 3540, 3541, 3542,  
 3543, 3544, 3545, 3546, 3547,  
 3548, 3549, 3550, 3551, 3552,  
 3553, 3554, 3555, 3556, 3557,  
 3558, 3559, 3560, 3561, 3562,  
 3563, 3564, 3565, 3566, 3567,  
 3568, 3569, 3570, 3571, 3572,  
 3573, 3574, 3575, 3576, 3577,  
 3578, 3579, 3580, 3581, 3582,  
 3583, 3584, 3585, 3586, 3587,  
 3590, 3591, 3592, 3593, 3594,  
 3595, 3596, 3597, 3598, 3599,  
 3600, 3601, 3602, 3603, 3604,  
 3605, 3606, 3607, 3608, 3609,  
 3610, 3611, 3612, 3613, 3614,  
 3615, 3616, 3617, 3618, 3619,  
 3620, 3621, 3622, 3623, 3624,  
 3625, 3626, 3627, 3628, 3629,  
 3630, 3631, 3632, 3633, 3634,  
 3635, 3636, 3637, 3638, 3639,  
 3640, 3641, 3642, 3643, 3644,  
 3645, 3646, 3647, 3648, 3649,  
 3650, 3651, 3652, 3653, 3654,  
 3655, 3656, 3657, 3658, 3659,  
 3660, 3661, 3662, 3663, 3664,  
 3665, 3666, 3667, 3668, 3669,  
 3670, 3671, 3672, 3673, 3674,  
 3675, 3676, 3677, 3678, 3679,  
 3680, 3681, 3682, 3683, 3684,  
 3685, 3686, 3687, 3688, 3689,  
 3690, 3691, 3692, 3693, 3694,  
 3695, 3696, 3697, 3698, 3699,  
 3700, 3701, 3702, 3703, 3704,  
 3705, 3706, 3707, 3708, 3709,  
 3710, 3711, 3712, 3713, 3714,  
 3715, 3716, 3717, 3720, 3721,  
 3722, 3723, 3724, 3725, 3726,  
 3727, 3728, 3729, 3730, 3731,  
 3732, 3733, 3734, 3735, 3736,  
 3737, 3738, 3739, 3740, 3741,  
 3742, 3743, 3744, 3745, 3746,  
 3747, 3748, 3749, 3750, 3751,  
 3752, 3753, 3754, 3755, 3756,  
 3757, 3758, 3759, 3760, 3761,  
 3762, 3763, 3764, 3765, 3766,  
 3767, 3768, 3769, 3770, 3771,

3772, 3773, 3774, 3775, 3776,  
3777, 3778, 3779, 3780, 3781,  
3782, 3783, 3784, 3785, 3786,  
3787, 3788, 3789, 3790, 3791,  
3792, 3793, 3794, 3795, 3796,  
3797, 3798, 3799, 3800, 3803,  
3804, 3805, 3806, 3807, 3808,  
3809, 3810, 3811, 3812, 3813,  
3814, 3815, 3816, 3817, 3818,  
3819, 3820, 3821, 3822, 3823,  
3824, 3825, 3826, 3827, 3828,  
3829, 3830, 3831, 3832, 3833,  
3834, 3835, 3836, 3837, 3838,  
3839, 3840, 3841, 3842, 3843,  
3844, 3845, 3846, 3847, 3848,  
3849, 3850, 3851, 3852, 3853,  
3854, 3855, 3856, 3857, 3858,  
3859, 3860, 3861, 3862, 3863,  
3864, 3865, 3866, 3867, 3868,  
3869, 3870, 3871, 3872, 3873,  
3874, 3875, 3876, 3877, 3878,  
3879, 3880, 3881, 3882, 3883,  
3884, 3885, 3886, 3887, 3888,  
3889, 3890, 3891, 3892, 3893,  
3894, 3895, 3896, 3897, 3898,  
3899, 3900, 3901, 3902, 3903,  
3904, 3905, 3906, 3907, 3908,  
3909, 3910, 3911, 3912, 3913,  
3914, 3915, 3916, 3917, 3918,  
3919, 3920, 3921, 3922, 3923,  
3924, 3925, 3926, 3927, 3928,  
3929, 3930, 3933, 3934, 3935,  
3936, 3937, 3938, 3939, 3940,  
3941, 3942, 3943, 3944, 3945,  
3946, 3947, 3948, 3949, 3950,  
3951, 3952, 3953, 3954, 3955,  
3956, 3957, 3958, 3959, 3960,  
3961, 3962, 3963, 3964, 3965,  
3966, 3967, 3968, 3969, 3970,  
3971, 3972, 3973, 3974, 3975,  
3976, 3977, 3978, 3979, 3980,  
3981, 3982, 3983, 3984, 3985,  
3986, 3987, 3988, 3989, 3990,  
3991, 3992, 3993, 3994, 3995,  
3996, 3997, 3998, 3999, 4000,  
4001, 4002, 4003, 4004, 4005,  
4006, 4007, 4008, 4009, 4010,  
4011, 4012, 4013, 4014, 4015,  
4016, 4017, 4018, 4019, 4020,  
4021, 4022, 4023, 4024, 4025,  
4026, 4027, 4028, 4029, 4030,  
4031, 4032, 4033, 4034, 4035,  
4036, 4037, 4038, 4039, 4040,  
4041, 4042, 4043, 4044, 4045,  
4046, 4047, 4048, 4049, 4050,  
4051, 4052, 4053, 4054, 4055,  
4056, 4057, 4058, 4059, 4060,  
4063, 4064, 4065, 4066, 4067,  
4068, 4069, 4070, 4071, 4072,  
4073, 4074, 4075, 4076, 4077,  
4078, 4079, 4080, 4081, 4082,  
4083, 4084, 4085, 4086, 4087,  
4088, 4089, 4090, 4091, 4092,  
4093, 4094, 4095, 4096, 4097,  
4098, 4099, 4100, 4101, 4102,  
4103, 4104, 4105, 4106, 4107,  
4108, 4109, 4110, 4111, 4112,  
4113, 4114, 4115, 4116, 4117,  
4118, 4119, 4120, 4121, 4122,  
4123, 4124, 4125, 4126, 4127,  
4128, 4129, 4130, 4131, 4132,  
4133, 4134, 4135, 4136, 4137,  
4138, 4139, 4140, 4141, 4142,  
4143, 4144, 4145, 4146, 4147,  
4148, 4149, 4150, 4151, 4152,  
4153, 4154, 4155, 4156, 4157,  
4158, 4159, 4160, 4161, 4162,  
4163, 4164, 4165, 4166, 4167,  
4168, 4169, 4170, 4171, 4172,  
4173, 4174, 4175, 4176, 4177,  
4178, 4179, 4180, 4181, 4182,  
4183, 4184, 4185, 4186, 4187,  
4188, 4189, 4190, 4193, 4194,  
4195, 4196, 4197, 4198, 4199,  
4200, 4201, 4202, 4203, 4204,  
4205, 4206, 4207, 4208, 4209,  
4210, 4211, 4212, 4213, 4214,  
4215, 4216, 4217, 4218, 4219,  
4220, 4221, 4222, 4223, 4224,  
4225, 4226, 4227, 4228, 4229,  
4230, 4231, 4232, 4233, 4234,  
4235, 4236, 4237, 4238, 4239,  
4240, 4241, 4242, 4243, 4244,  
4245, 4246, 4247, 4248, 4249,  
4250, 4251, 4252, 4253, 4254,  
4255, 4256, 4257, 4258, 4259,  
4260, 4261, 4262, 4263, 4264,  
4265, 4266, 4267, 4268, 4269,  
4270, 4271, 4272, 4273, 4274,  
4275, 4276, 4277, 4278, 4279,  
4280, 4281, 4282, 4283, 4284,  
4285, 4286, 4287, 4288, 4289,  
4290, 4291, 4292, 4293, 4294,  
4295, 4296, 4297, 4298, 4299,  
4300, 4301, 4302, 4303, 4304,  
4305, 4306, 4307, 4308, 4309,  
4310, 4311, 4312, 4313, 4314,  
4315, 4316, 4317, 4318, 4319,  
4320, 4323, 4324, 4325, 4326,  
4327, 4328, 4329, 4330, 4331,  
4332, 4333, 4334, 4335, 4336,  
4337, 4338, 4339, 4340, 4341,  
4342, 4343, 4344, 4345, 4346,  
4347, 4348, 4349, 4350, 4351,  
4352, 4353, 4354, 4355, 4356,  
4357, 4358, 4359, 4360, 4361,  
4362, 4363, 4364, 4365, 4366,  
4367, 4368, 4369, 4370, 4371,  
4372, 4373, 4374, 4375, 4376,  
4377, 4378, 4379, 4380, 4381,  
4382, 4383, 4384, 4385, 4386,  
4387, 4388, 4389, 4390, 4391,  
4392, 4393, 4394, 4395, 4396,  
4397, 4398, 4399, 4400, 4401,

4402, 4403, 4404, 4405, 4406,  
4407, 4408, 4409, 4410, 4411,  
4412, 4413, 4414, 4415, 4416,  
4417, 4418, 4419, 4420, 4421,  
4422, 4423, 4424, 4425, 4426,  
4427, 4428, 4429, 4430, 4431,  
4432, 4433, 4434, 4435, 4436,  
4437, 4438, 4439, 4440, 4441,  
4442, 4443, 4444, 4445, 4446,  
4447, 4448, 4449, 4450, 4453,  
4454, 4455, 4456, 4457, 4458,  
4459, 4460, 4461, 4462, 4463,  
4464, 4465, 4466, 4467, 4468,  
4469, 4470, 4471, 4472, 4473,  
4474, 4475, 4476, 4477, 4478,  
4479, 4480, 4481, 4482, 4483,  
4484, 4485, 4486, 4487, 4488,  
4489, 4490, 4491, 4492, 4493,  
4494, 4495, 4496, 4497, 4498,  
4499, 4500, 4501, 4502, 4503,  
4504, 4505, 4506, 4507, 4508,  
4509, 4510, 4511, 4512, 4513,  
4514, 4515, 4516, 4517, 4518,  
4519, 4520, 4521, 4522, 4523,  
4524, 4525, 4526, 4527, 4528,  
4529, 4530, 4531, 4532, 4533,  
4534, 4535, 4536, 4537, 4538,  
4539, 4540, 4541, 4542, 4543,  
4544, 4545, 4546, 4547, 4548,  
4549, 4550, 4551, 4552, 4553,  
4554, 4555, 4556, 4557, 4558,  
4559, 4560, 4561, 4562, 4563,  
4564, 4565, 4566, 4567, 4568,  
4569, 4570, 4571, 4572, 4573,  
4574, 4575, 4576, 4577, 4578,  
4579, 4580, 4583, 4584, 4585,  
4586, 4587, 4588, 4589, 4590,  
4591, 4592, 4593, 4594, 4595,  
4596, 4597, 4598, 4599, 4600,  
4601, 4602, 4603, 4604, 4605,  
4606, 4607, 4608, 4609, 4610,  
4611, 4612, 4613, 4614, 4615,  
4616, 4617, 4618, 4619, 4620,  
4621, 4622, 4623, 4624, 4625,  
4626, 4627, 4628, 4629, 4630,  
4631, 4632, 4633, 4634, 4635,  
4636, 4637, 4638, 4639, 4640,  
4641, 4642, 4643, 4644, 4645,  
4646, 4647, 4648, 4649, 4650,  
4651, 4652, 4653, 4654, 4655,  
4656, 4657, 4658, 4659, 4660,  
4661, 4662, 4663, 4664, 4665,  
4666, 4667, 4668, 4669, 4670,  
4671, 4672, 4673, 4674, 4675,  
4676, 4677, 4678, 4679, 4680,  
4681, 4682, 4683, 4684, 4685,  
4686, 4687, 4688, 4689, 4690,  
4691, 4692, 4693, 4694, 4695,  
4696, 4697, 4698, 4699, 4700,  
4701, 4702, 4703, 4704, 4705,  
4706, 4707, 4708, 4709, 4710,  
4713, 4714, 4715, 4716, 4717,  
4718, 4719, 4720, 4721, 4722,  
4723, 4724, 4725, 4726, 4727,  
4728, 4729, 4730, 4731, 4732,  
4733, 4734, 4735, 4736, 4737,  
4738, 4739, 4740, 4741, 4742,  
4743, 4744, 4745, 4746, 4747,  
4748, 4749, 4750, 4751, 4752,  
4753, 4754, 4755, 4756, 4757,  
4758, 4759, 4760, 4761, 4762,  
4763, 4764, 4765, 4766, 4767,  
4768, 4769, 4770, 4771, 4772,  
4773, 4774, 4775, 4776, 4777,  
4778, 4779, 4780, 4781, 4782,  
4783, 4784, 4785, 4786, 4787,  
4788, 4789, 4790, 4791, 4792,  
4793, 4794, 4795, 4796, 4797,  
4798, 4799, 4800, 4801, 4802,  
4803, 4804, 4805, 4806, 4807,  
4808, 4809, 4810, 4811, 4812,  
4813, 4814, 4815, 4816, 4817,  
4818, 4819, 4820, 4821, 4822,  
4823, 4824, 4825, 4826, 4827,  
4828, 4829, 4830, 4831, 4832,  
4833, 4834, 4835, 4838, 4839,  
4840, 4841, 4842, 4843, 4844,  
4845, 4846, 4847, 4848, 4849,  
4850, 4851, 4852, 4853, 4854,  
4855, 4856, 4857, 4858, 4859,  
4860, 4861, 4862, 4863, 4864,  
4865, 4866, 4867, 4868, 4869,  
4870, 4871, 4872, 4873, 4874,  
4875, 4876, 4877, 4878, 4879,  
4880, 4881, 4882, 4883, 4884,  
4885, 4886, 4887, 4888, 4889,  
4890, 4891, 4892, 4893, 4894,  
4895, 4896, 4897, 4898, 4899,  
4900, 4901, 4902, 4903, 4904,  
4905, 4906, 4907, 4908, 4909,  
4910, 4911, 4912, 4913, 4914,  
4915, 4916, 4917, 4918, 4919,  
4920, 4921, 4922, 4923, 4924,  
4925, 4926, 4927, 4928, 4929,  
4930, 4931, 4932, 4933, 4934,  
4935, 4936, 4937, 4938, 4939,  
4940, 4941, 4942, 4943, 4944,  
4945, 4946, 4947, 4948, 4949,  
4950, 4951, 4952, 4953, 4954,  
4955, 4956, 4957, 4958, 4959,  
4960, 4961, 4962, 4963, 4964,  
4967, 4968, 4969, 4970, 4971,  
4972, 4973, 4974, 4975, 4976,  
4977, 4978, 4979, 4980, 4981,  
4982, 4983, 4984, 4985, 4986,  
4987, 4988, 4989, 4990, 4991,  
4992, 4993, 4994, 4995, 4996,  
4997, 4998, 4999, 5000, 5001,  
5002, 5003, 5004, 5005, 5006,  
5007, 5008, 5009, 5010, 5011,  
5012, 5013, 5014, 5015, 5016,  
5017, 5018, 5019, 5020, 5021,  
5022, 5023, 5024, 5025, 5026,  
5027, 5028, 5029, 5030, 5031,

5032, 5033, 5034, 5035, 5036,	1563, 1576, 1579, 1582, 1585,
5037, 5038, 5039, 5040, 5041,	1619, 1622, 1625, 1634, 1764, 1781
5042, 5043, 5044, 5045, 5046,	\SE@SkipRemaining ..... 216,
5047, 5048, 5049, 5050, 5051,	<u>223</u> , 240, 252, 504, 511, 890,
5052, 5053, 5054, 5055, 5056,	1033, 1052, 1064, 1093, 1119,
5057, 5058, 5059, 5060, 5061,	1146, 1165, 1171, 1196, 1308,
5062, 5063, 5064, 5065, 5066,	1402, 1512, 1554, 1560, 1614, 1629
5067, 5068, 5069, 5070, 5071,	\SE@temp ..... 698, 701,
5072, 5073, 5074, 5075, 5076,	702, 703, 704, 705, 706, 707,
5077, 5078, 5079, 5080, 5081, 5082	708, 709, 710, 711, 712, 713,
\SE@MapDeclareFrom ..... 489, <u>492</u>	714, 715, 716, 717, 718, 719,
\SE@MapDeclareTo ..... 490, <u>495</u>	720, 721, 722, 723, 724, 725,
\SE@newif .... <u>145</u> , <u>165</u> , 167, 362, 601	726, 727, 728, 729, 730, 731,
\SE@next ..... 193, 196,	732, 733, 734, 735, 821, 823,
199, 210, 216, 221, 227, 240,	922, 925, 928, 930, 933, 937,
242, 249, 252, 257, 504, 511,	940, 943, 945, 949, 977, 993,
837, 840, 843, 847, 857, 860,	998, 1010, 1036, 1071, 1074,
863, 867, 890, 999, 1016, 1033,	1077, 1081, 1126, 1133, 1176, 1188
1039, 1043, 1047, 1052, 1054,	\SE@TestMode ..... 1195
1058, 1064, 1066, 1084, 1087,	\SE@TestModefalse ..... 598
1093, 1095, 1119, 1121, 1136,	\SE@TestModetrue ..... 596
1140, 1146, 1148, 1151, 1165,	\SE@this ..... 1643, 1647,
1171, 1196, 1210, 1278, 1283,	1651, 1655, 1659, 1663, 1667,
1308, 1312, 1384, 1389, 1402,	1671, 1675, 1679, 1683, 1687,
1408, 1437, 1442, 1458, 1502,	1691, 1695, 1699, 1703, 1707,
1507, 1512, 1518, 1544, 1549,	1711, 1715, 1719, 1723, 1727,
1554, 1560, 1567, 1604, 1609,	1731, 1735, 1739, 1743, 1747,
1614, 1629, 1638, 1773, 1778, 1786	1751, 1755, 1759, 1791, 1793, 1795
\SE@Nibble@NumToBin ..... <u>382</u> ,	\SE@to ..... 532, 537, 539,
790, 791, 792, 803, 896, 899,	541, 542, 544, 545, 573, 580, 583
900, 923, 927, 938, 942, 957,	\SE@to@general ..... 1762, 1792
958, 959, 960, 961, 976, 1072,	\SE@to@general@surrogate . 1769, 1794
1076, 1124, 1125, 1128, 1154,	\SE@utfviii@CheckCont .....
1157, 1174, 1175, 1178, 1179, 1183	..... 1061, 1090, 1143, 1212
\SE@Nibble@NumToHex ... <u>375</u> , 411, 813	\SE@utfviii@filter ... 999, 1000, 1014
\SE@Nibbles@BinToHex ..... <u>404</u> ,	\SE@utfviii@from .....
798, 815, 907, 908, 933, 949,	. 1010, 1041, 1047, 1054, 1066,
967, 993, 1081, 1133, 1160, 1188	1084, 1095, 1121, 1136, 1148, 1151
\SE@numexptrue ..... 366	\SE@utfxvi ..... 541, 550, <u>602</u>
\SE@pdfdoc@from .... 1278, 1279, 1281	\SE@utfxvibe .....
\SE@PrefixFrom .... <u>136</u> , 262, 265,	. 542, 553, 575, 580, <u>603</u> , 613, 620
271, 831, 851, 997, 1233, 1277,	\SE@utfxvile ..... 556, <u>604</u> , 617
1383, 1436, 1501, 1543, 1603, 1795	\SE@utfxvile@from .. 1234, 1236, 1244
\SE@PrefixSurrogateFrom ..... <u>137</u>	\SE@utfxxxii ..... 544, 559, <u>605</u>
\SE@PrefixSurrogateTo ..... <u>139</u> ,	\SE@utfxxxii@be@from .. 832, 835, 843
186, 787, 788, 955, 1229, 1273,	\SE@utfxxxii@from .... 844, 864, 870
1379, 1432, 1497, 1539, 1599, 1793	\SE@utfxxxii@le@add ..... 807, 820
\SE@PrefixTo ..... <u>138</u> , 174, 177,	\SE@utfxxxii@le@from .. 852, 855, 863
184, 782, 784, 917, 1226, 1250,	\SE@utfxxxii@le@switch .... 823, 826
1360, 1413, 1490, 1524, 1572, 1791	\SE@utfxxxiiibe .... 545, 562, <u>606</u> , 628
\SE@RemoveByteOrderFour <u>563</u> , 566, <u>651</u>	\SE@utfxxxiiile ..... 565, <u>607</u> , 636
\SE@RemoveByteOrderTwo <u>554</u> , 557, <u>642</u>	\SE@w ..... 790, 793, 794,
\SE@result ..... 141, 172,	797, 798, 800, 809, 813, 957,
189, 260, 273, 549, 577, 578,	962, 963, 966, 967, 969, 970,
582, 583, 586, 609, 614, 618,	972, 976, 979, 981, 1154, 1155,
625, 631, 637, 643, 648, 654, 662	1158, 1160, 1161, 1162, 1168, 1178
\SE@ResultAdd .. <u>140</u> , 500, 514, 519,	\setbox ..... 5145, 5184
527, 783, 785, 806, 822, 894,	\Slots ..... 5414, 5433, 5434,
906, 919, 932, 947, 991, 1046,	5435, 5453, 5454, 5455, 5470, 5472
1079, 1131, 1186, 1227, 1231,	\StringEncodingConvert .....
1242, 1268, 1302, 1376, 1405,	..... <u>2</u> , <u>530</u> , 597, 5187
1429, 1455, 1492, 1515, 1528,	

\StringEncodingConvertTest . . . . .	5365, 5366, 5367, 5368, 5369,	
2, <u>595</u> , 5192	5370, 5371, 5372, 5373, 5374,	
\StringEncodingList . . . . . 3, <u>736</u> , 5153	5402, 5405, 5406, 5407, 5408,	
\StringEncodingLoad 175, 263, <u>275</u> , 5148	5409, 5410, 5411, 5412, 5413,	
\StringEncodingSuccessFailure . .	5432, 5433, 5434, 5453, 5454,	
2, <u>588</u> , 599, 5190, 5191	5470, 5471, 5472, 5473, 5474,	
	5475, 5476, 5477, 5478, 5479, 5480	
<b>T</b>		
\Test . 5109, 5127, 5136, 5154, 5175,	\TestTest . . . . . 5178, 5182	
5229, 5232, 5235, 5238, 5241,	\the . . . . . 77, 78, 79, 80, 81, 82, 83,	
5244, 5247, 5250, 5253, 5256,	84, 97, 479, 484, 5095, 5150, 5199	
5259, 5262, 5265, 5268, 5269,	\TMP@EnsureCode . 94, 101, 102, 103,	
5270, 5271, 5272, 5273, 5274,	104, 105, 106, 107, 108, 109,	
5275, 5276, 5277, 5278, 5279,	110, 111, 112, 113, 114, 115,	
5280, 5281, 5282, 5283, 5284,	116, 117, 118, 119, 120, 121, 122	
5285, 5286, 5287, 5290, 5293,		
5296, 5299, 5302, 5303, 5304,	<b>U</b>	
5305, 5306, 5307, 5308, 5309,	\uccode . . . . . 120, 121, 122	
5310, 5311, 5312, 5313, 5314,	\Unicodes . . . . . 5421, 5433, 5434,	
5315, 5316, 5317, 5318, 5319,	5442, 5453, 5454, 5461, 5470, 5472	
5320, 5321, 5322, 5323, 5324,	\usepackage . . . . 5124, 5133, 5167, 5171	
5325, 5326, 5327, 5328, 5329,		
5330, 5331, 5332, 5333, 5334,	<b>W</b>	
5335, 5336, 5337, 5338, 5339,	\wd . . . . . 5150, 5199	
5340, 5341, 5342, 5343, 5344,	\write . . . . . 23, 52, 289	
5345, 5346, 5347, 5348, 5349,		
5350, 5351, 5352, 5353, 5354,	<b>X</b>	
5355, 5356, 5357, 5358, 5359,	\x 14, 15, 18, 22, 26, 28, 51, 56, 66, 75,	
5360, 5361, 5362, 5363, 5364,	87, 483, 486, 5153, 5154, 5177, 5180	