

# The `stringenc` package

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## Abstract

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

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

Package identification:

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

```

60 \expandafter\x\csname ver@stringenc.sty\endcsname
61 \ProvidesPackage{stringenc}%
62 [2010/03/01 v1.8 Converts strings between encodings (H0)]

```

## 2.2 Catcodes

```

63 \begingroup
64 \catcode123 1 % {
65 \catcode125 2 % }
66 \def\x{\endgroup
67   \expandafter\edef\csname SE@AtEnd\endcsname{%
68     \catcode35 \the\catcode35\relax
69     \catcode64 \the\catcode64\relax
70     \catcode123 \the\catcode123\relax
71     \catcode125 \the\catcode125\relax
72   }%
73 }%
74 \x
75 \catcode35 6 % #
76 \catcode64 11 % @
77 \catcode123 1 % {
78 \catcode125 2 % }
79 \def\TMP@EnsureCode#1#2#3{%
80   \edef\SE@AtEnd{%
81     \SE@AtEnd
82     #1#2 \the#1#2\relax
83   }%
84   #1#2 #3\relax
85 }
86 \TMP@EnsureCode\catcode{34}{12}% "
87 \TMP@EnsureCode\catcode{36}{3}% $
88 \TMP@EnsureCode\catcode{38}{4}% &
89 \TMP@EnsureCode\catcode{39}{12}% '
90 \TMP@EnsureCode\catcode{40}{12}% (
91 \TMP@EnsureCode\catcode{41}{12}% )
92 \TMP@EnsureCode\catcode{42}{12}% *
93 \TMP@EnsureCode\catcode{43}{12}% +
94 \TMP@EnsureCode\catcode{44}{12}% ,
95 \TMP@EnsureCode\catcode{45}{12}% -
96 \TMP@EnsureCode\catcode{46}{12}% .
97 \TMP@EnsureCode\catcode{47}{12}% /
98 \TMP@EnsureCode\catcode{58}{12}% :
99 \TMP@EnsureCode\catcode{60}{12}% <
100 \TMP@EnsureCode\catcode{61}{12}% =
101 \TMP@EnsureCode\catcode{62}{12}% >
102 \TMP@EnsureCode\catcode{91}{12}% [
103 \TMP@EnsureCode\catcode{93}{12}% ]
104 \TMP@EnsureCode\catcode{94}{7}% ^
105 \TMP@EnsureCode\catcode{96}{12}% `
106 \TMP@EnsureCode\uccode{34}{0}% "
107 \TMP@EnsureCode\uccode{48}{0}% 0
108 \TMP@EnsureCode\uccode{61}{0}% =

```

## 2.3 Tools

```

109 \begingroup\expandafter\expandafter\expandafter\endgroup
110 \expandafter\ifx\csname RequirePackage\endcsname\relax
111   \input infwarerr.sty\relax
112   \input ltxcmds.sty\relax
113   \input pdfescape.sty\relax
114 \else
115   \RequirePackage{infwarerr}[2007/09/09]%
116   \RequirePackage{ltxcmds}[2010/03/01]%

```

```

117 \RequirePackage{pdfescape}[2010/03/01]%
118 \fi

\SE@GobbleEight

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

\SE@CarTwo

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

\SE@PrefixFrom

121 \def\SE@PrefixFrom{SE<}

\SE@PrefixSurrogateFrom

122 \def\SE@PrefixSurrogateFrom{SE<<}

\SE@PrefixTo

123 \def\SE@PrefixTo{SE>}

\SE@PrefixSurrogateTo

124 \def\SE@PrefixSurrogateTo{SE>>}

\SE@ResultAdd

125 \def\SE@ResultAdd#1{%
126 \edef\SE@result{\SE@result#1}%
127 }

128 \begingroup\expandafter\expandafter\expandafter\endgroup
129 \expandafter\ifx\csname newif\endcsname\relax

\SE@newif

130 \def\SE@newif#1{%
131 \begingroup
132 \escapechar=-1 %
133 \expandafter\endgroup
134 \expandafter\SE@@newif\string#1\@nil
135 }%

\SE@@newif

136 \def\SE@@newif#1#2#3\@nil{%
137 \expandafter\edef\csname#3true\endcsname{%
138 \let
139 \expandafter\noexpand\csname if#3\endcsname
140 \expandafter\noexpand\csname iftrue\endcsname
141 }%
142 \expandafter\edef\csname#3false\endcsname{%
143 \let
144 \expandafter\noexpand\csname if#3\endcsname
145 \expandafter\noexpand\csname iffalse\endcsname
146 }%
147 \csname#3false\endcsname
148 }%

149 \else

\SE@newif

150 \expandafter\let\expandafter\SE@newif\csname newif\endcsname
151 \fi

152 \SE@newif\ifSE@invalid

```

\SE@InvalidCharacter

```
153 \def\SE@InvalidCharacter{%
154   \SE@invalidtrue
155 }
```

\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.

```
156 \def\SE@ConvertTo#1#2#3{%
157   \let\SE@result\ltx@empty
158   \edef\SE@encoding{#3}%
159   \expandafter\ifx\csname\SE@PrefixTo\SE@encoding\endcsname\relax
160     \StringEncodingLoad\SE@encoding
161   \fi
162   \expandafter\ifx\csname\SE@PrefixTo\SE@encoding\endcsname\relax
163     \@PackageError{stringenc}{%
164       Conversion to encoding ‘\SE@encoding’\MessageBreak
165       is not supported%
166     }\@ehc
167   \else
168     \expandafter\let\expandafter\SE@ConvertNormal
169       \csname\SE@PrefixTo\SE@encoding\endcsname
170     \expandafter\let\expandafter\SE@ConvertSurrogate
171       \csname\SE@PrefixSurrogateTo\SE@encoding\endcsname
172     \SE@@ConvertTo#2\relax\relax\relax\relax
173   \fi
174   \let#1\SE@result
175 }
```

\SE@@ConvertTo

```
176 \def\SE@@ConvertTo#1#2#3#4{%
177   \ifx#1\relax
178     \let\SE@next\relax
179   \else
180     \ifx#4\relax
181       \let\SE@next\relax
182       \SE@InvalidCharacter
183     \else
184       \let\SE@next\SE@@ConvertTo
185       \ifnum"#1#2#3#4"<"D800 %
186         \SE@ConvertNormal#1#2#3#4%
187       \else
188         \ifnum"#1#2#3#4">"DFFF %
189           \SE@ConvertNormal#1#2#3#4%
190         \else
191           \ifnum"#1#2#3#4">"DBFF %
192             \SE@InvalidCharacter
193           \else
194             \def\SE@high{#1#2#3#4}%
195             \let\SE@next\SE@@ScanLow
196           \fi
197         \fi
198       \fi
199       \ifSE@TestMode
200         \ifSE@invalid
201           \let\SE@next\SE@SkipRemaining
202         \fi
203       \fi
204     \fi
205   \fi
206   \SE@next
207 }
```

\SE@SkipRemaining

```
208 \def\SE@SkipRemaining#1\relax{}
```

\SE@@ScanLow

```
209 \def\SE@@ScanLow#1#2#3#4{%
210   \ifx#4\relax
211     \SE@InvalidCharacter
212     \let\SE@next\relax
213   \else
214     \ifcase\ifnum"#1#2#3#4<"DC00 %
215       \ltx@zero
216     \else
217       \ifnum"#1#2#3#4>"DFFF %
218         \ltx@zero
219       \else
220         \ltx@one
221       \fi
222     \fi
223     \SE@InvalidCharacter
224     \ifSE@TestMode
225       \let\SE@next\SE@SkipRemaining
226     \else
227       \def\SE@next{\SE@@ConvertTo#1#2#3#4}%
228     \fi
229   \else
230     \ifx\SE@ConvertSurrogate\relax
231     \else
232       \expandafter\SE@ConvertSurrogate\SE@high#1#2#3#4%
233     \fi
234     \let\SE@next\SE@@ConvertTo
235     \ifSE@TestMode
236       \ifSE@invalid
237         \let\SE@next\SE@SkipRemaining
238       \fi
239     \fi
240   \fi
241 \fi
242 \SE@next
243 }
```

\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.

```
244 \def\SE@ConvertFrom#1#2#3{%
245   \let\SE@result\ltx@empty
246   \EdefSanitize\SE@encoding{#3}%
247   \expandafter\ifx\csname\SE@PrefixFrom\SE@encoding\endcsname\relax
248     \StringEncodingLoad\SE@encoding
249   \fi
250   \expandafter\ifx\csname\SE@PrefixFrom\SE@encoding\endcsname\relax
251     \@PackageError{stringenc}{%
252       Conversion from encoding '\SE@encoding'\MessageBreak
253       is not supported%
254     }\@ehc
255   \else
256     \csname\SE@PrefixFrom\SE@encoding\endcsname{#2}%
257   \fi
258   \let#1\SE@result
259 }
```

\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.



```

260 \def\StringEncodingLoad#1{%
261   \begingroup
262     \catcode32=10 % space/space
263     \catcode35=6  % #/parameter
264     \catcode37=14 % percent/comment character
265     \catcode92=0  % backslash/escape character
266     \catcode123=1 % {/beginning of group
267     \catcode125=2 % }/end of group
268     \endlinechar=-1 %
269     \SE@MakeLetters @ABCDEFGHIJKLMNPRSTU%
270                     abcdefghiklmnoprstuvwxyz\relax
271     \SE@MakeOthers "-./:<=>[]0123456789\relax
272     \expandafter\ifx\csname ProvidesFile\endcsname\relax
273     \def\ProvidesFile##1[##2]{%
274       \immediate\write-1{File: ##1 ##2}%
275     }%
276     \fi
277     \SE@InputIfFileExists{se-#1.def}%
278   \endgroup
279 }

```

\SE@MakeLetters

```

280 \def\SE@MakeLetters#1{%
281   \ifx#1\relax
282   \else
283     \catcode'#1=11 %
284     \expandafter\SE@MakeLetters
285   \fi
286 }

```

\SE@MakeOthers

```

287 \def\SE@MakeOthers#1{%
288   \ifx#1\relax
289   \else
290     \catcode'#1=12 %
291     \expandafter\SE@MakeOthers
292   \fi
293 }

```

\SE@InputIfFileExists

```

294 \begingroup\expandafter\expandafter\expandafter\endgroup
295 \expandafter\ifx\csname IfFileExists\endcsname\relax
296 \input pdftexcmds.sty\relax
297 \begingroup\expandafter\expandafter\expandafter\endgroup
298 \expandafter\ifx\csname pdf@filesize\endcsname\relax
299   \def\SE@InputIfFileExists#1{%
300     \expandafter\ifx\csname @inputcheck\endcsname\relax
301       \csname newread\endcsname\@inputcheck
302     \fi
303     \openin\@inputcheck#1\relax
304     \ifeof\@inputcheck
305       \SE@FileNotFound{#1}%
306     \else
307       \SE@Input{#1}%
308     \fi
309   }%
310 \else
311   \def\SE@InputIfFileExists#1{%
312     \expandafter\expandafter\expandafter
313     \ifx\expandafter\expandafter\expandafter\\pdf@filesize{#1}\\%
314       \SE@FileNotFound{#1}%
315     \else

```

```

316         \SE@Input{#1}%
317     \fi
318 }%
319 \fi
320 \else
321     \def\SE@InputIfFileExists#1{%
322         \IfFileExists{#1}{%
323             \SE@Input{#1}%
324         }{%
325             \SE@FileNotFound{#1}%
326         }%
327     }%
328 \fi

\SE@FileNotFound

329 \def\SE@FileNotFound#1{%
330     \@PackageWarning{stringenc}{%
331         Encoding file ‘#1’\MessageBreak
332         not found%
333     }%
334 }

\SE@Input

335 \def\SE@Input{%
336     \@ifnextchar\bgroup\@input\@@input
337 }
338 \ifx\input\SE@Input
339     \def\SE@Input#1{%
340         \input{#1}%
341     }%
342 \else
343     \def\SE@Input#1{%
344         \input#1\relax
345     }%
346 \fi

\ifSE@numexpr

347 \SE@newif\ifSE@numexpr
348 \begingroup\expandafter\expandafter\expandafter\endgroup
349 \expandafter\ifx\csname numexpr\endcsname\relax
350 \else
351     \SE@numexprtrue
352 \fi

353 \ifSE@numexpr
354     \catcode36=9 % $ ignore
355     \catcode38=14 % & comment
356 \else
357     \catcode36=14 % $ comment
358     \catcode38=9 % & ignore
359 \fi

\SE@Nibble@NumToHex

360 \def\SE@Nibble@NumToHex#1{%
361     $ \ifcase\numexpr#1\relax
362 & \expandafter\ifcase\expandafter\ltx@firstofone\expandafter{\number#1} %
363     0\or 1\or 2\or 3\or 4\or 5\or 6\or 7\or
364     8\or 9\or A\or B\or C\or D\or E\or F%
365     \fi
366 }

```

\SE@Nibble@NumToBin

```
367 \def\SE@Nibble@NumToBin#1{%
368 $ \ifcase\numexpr#1\relax
369 & \expandafter
370 & \ifcase\expandafter\ltx@firstofone\expandafter{\number#1} %
371 0000\or
372 0001\or
373 0010\or
374 0011\or
375 0100\or
376 0101\or
377 0110\or
378 0111\or
379 1000\or
380 1001\or
381 1010\or
382 1011\or
383 1100\or
384 1101\or
385 1110\or
386 1111%
387 \fi
388 }
```

\SE@Nibbles@BinToHex

```
389 \def\SE@Nibbles@BinToHex#1{%
390 \expandafter\SE@@Nibbles@BinToHex#1\ltx@empty\ltx@empty
391 \ltx@empty\ltx@empty
392 }
393 \def\SE@@Nibbles@BinToHex#1#2#3#4{%
394 \ifx#1\ltx@empty
395 \else
396 $ \SE@Nibble@NumToHex{%
397 $ \numexpr#4+2*(#3+2*(#2+2*#1))\relax
398 $ }%
399 & \ifnum#1>\ltx@zero
400 & \ifnum#2>\ltx@zero
401 & \ifnum#3>\ltx@zero
402 & \ifnum#4>\ltx@zero
403 & F%
404 & \else
405 & E%
406 & \fi
407 & \else
408 & \ifnum#4>\ltx@zero
409 & D%
410 & \else
411 & C%
412 & \fi
413 & \fi
414 & \else
415 & \ifnum#3>\ltx@zero
416 & \ifnum#4>\ltx@zero
417 & B%
418 & \else
419 & A%
420 & \fi
421 & \else
422 & \ifnum#4>\ltx@zero
423 & 9%
424 & \else
425 & 8%
```

```

426 &      \fi
427 &      \fi
428 &      \fi
429 &      \else
430 &      \ifnum#2>\ltx@zero
431 &      \ifnum#3>\ltx@zero
432 &      \ifnum#4>\ltx@zero
433 &      7%
434 &      \else
435 &      6%
436 &      \fi
437 &      \else
438 &      \ifnum#4>\ltx@zero
439 &      5%
440 &      \else
441 &      4%
442 &      \fi
443 &      \fi
444 &      \else
445 &      \ifnum#3>\ltx@zero
446 &      \ifnum#4>\ltx@zero
447 &      3%
448 &      \else
449 &      2%
450 &      \fi
451 &      \else
452 &      \ifnum#4>\ltx@zero
453 &      1%
454 &      \else
455 &      0%
456 &      \fi
457 &      \fi
458 &      \fi
459 &      \fi
460 &      \expandafter\SE@@Nibbles@BinToHex
461 &      \fi
462 }

```

\SE@Add

```

463 \def\SE@Add#1#2#3{%
464 $ \edef#1{\the\numexpr(#2)+(#3)\relax}%
465 & \begingroup
466 & \count\ltx@zero=#2\relax
467 & \advance\count\ltx@zero by#3\relax
468 & \edef\x{\endgroup
469 & \def\noexpand#1{\the\count\ltx@zero}%
470 & }%
471 & \x
472 }

```

\SE@MapDeclare

```

473 \def\SE@MapDeclare#1#2#3{%
474 \SE@MapDeclareFrom{#1}-{#2}-{#3}%
475 \SE@MapDeclareTo{#1}-{#2}-{#3}%
476 }

```

\SE@MapDeclareFrom

```

477 \def\SE@MapDeclareFrom#1#2#3{%
478 \expandafter\gdef\csname SE->#1@#2\endcsname{#3}%
479 }

```

\SE@MapDeclareTo

```

480 \def\SE@MapDeclareTo#1#2#3{%
481   \expandafter\gdef\csname SE<#1@#3\endcsname{#2}%
482 }

```

#### \SE@MapConvertFrom

```

483 \def\SE@MapConvertFrom#1#2{%
484 $ \ifcsname SE->#1@#2\endcsname
485 $   \SE@ResultAdd{\csname SE->#1@#2\endcsname}%
486 $ \else
487 $   \SE@InvalidCharacter
488 $   \ifSE@TestMode
489 $     \let\SE@next\SE@SkipRemaining
490 $   \fi
491 $ \fi
492 & \begingroup\expandafter\expandafter\expandafter\endgroup
493 & \expandafter\ifx\csname SE->#1@#2\endcsname\relax
494 &   \SE@InvalidCharacter
495 &   \ifSE@TestMode
496 &     \let\SE@next\SE@SkipRemaining
497 &   \fi
498 & \else
499 &   \SE@ResultAdd{\csname SE->#1@#2\endcsname}%
500 & \fi
501 }

```

#### \SE@MapConvertTo

```

502 \def\SE@MapConvertTo#1#2{%
503 $ \ifcsname SE<#1@#2\endcsname
504 $   \SE@ResultAdd{\csname SE<#1@#2\endcsname}%
505 $ \else
506 $   \SE@InvalidCharacter
507 $ \fi
508 & \begingroup\expandafter\expandafter\expandafter\endgroup
509 & \expandafter\ifx\csname SE<#1@#2\endcsname\relax
510 &   \SE@InvalidCharacter
511 & \else
512 &   \SE@ResultAdd{\csname SE<#1@#2\endcsname}%
513 & \fi
514 }

```

#### \StringEncodingConvert

```

515 \defStringEncodingConvert#1#2#3#4{%
516   \EdefSanitize\SE@from{#3}%
517   \EdefSanitize\SE@to{#4}%
518   \expandafter\ifx\csname SE@alias@\SE@from\endcsname\relax
519   \else
520     \EdefSanitize\SE@from{\csname SE@alias@\SE@from\endcsname}%
521   \fi
522   \expandafter\ifx\csname SE@alias@\SE@to\endcsname\relax
523   \else
524     \EdefSanitize\SE@to{\csname SE@alias@\SE@to\endcsname}%
525   \fi
526   \ifx\SE@to\SE@utfxvi
527     \let\SE@to\SE@utfxvibe
528   \else
529     \ifx\SE@to\SE@utfxxii
530       \let\SE@to\SE@utfxxiibe
531     \fi
532   \fi
533   \SE@invalidfalse
534   \EdefEscapeHex\SE@result{#2}%
535   \ifx\SE@from\SE@utfxvi

```

```

536     \SE@CheckByteOrderTwo
537 \else
538     \ifx\SE@from\SE@utfxvibe
539         \SE@RemoveByteOrderTwo{FEFF}%
540     \else
541         \ifx\SE@from\SE@utfxvile
542             \SE@RemoveByteOrderTwo{FFFE}%
543         \else
544             \ifx\SE@from\SE@utfxxxii
545                 \SE@CheckByteOrderFour
546             \else
547                 \ifx\SE@from\SE@utfxxxiibe
548                     \SE@RemoveByteOrderFour{0}{FEFF}%
549                 \else
550                     \ifx\SE@from\SE@utfxxxiile
551                         \SE@RemoveByteOrderFour{FFFE}{0}%
552                     \fi
553                 \fi
554             \fi
555         \fi
556     \fi
557 \fi
558 \ifx\SE@from\SE@to
559 \else
560     \ifx\SE@from\SE@utfxvibe
561     \else
562         \expandafter\SE@ConvertFrom\expandafter\SE@result
563         \expandafter{\SE@result}\SE@from
564     \fi
565     \ifx\SE@to\SE@utfxvibe
566     \else
567         \expandafter\SE@ConvertTo\expandafter\SE@result
568         \expandafter{\SE@result}\SE@to
569     \fi
570 \fi
571 \EdefUnescapeHex#1\SE@result
572 }

```

\StringEncodingSuccessFailure

```

573 \def\StringEncodingSuccessFailure{%
574     \ifSE@invalid
575         \expandafter\ltx@secondoftwo
576     \else
577         \expandafter\ltx@firstoftwo
578     \fi
579 }

```

\StringEncodingConvertTest

```

580 \def\StringEncodingConvertTest#1#2#3#4{%
581     \SE@TestModetrue
582     \StringEncodingConvert{#1}{#2}{#3}{#4}%
583     \SE@TestModefalse
584     \StringEncodingSuccessFailure
585 }
586 \SE@newif\ifSE@TestMode

```

\SE@utfxvi

```

587 \EdefSanitize\SE@utfxvi{utf16}

```

\SE@utfxvibe

```

588 \EdefSanitize\SE@utfxvibe{utf16be}

```

```

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

\SE@utfxxii
590 \EdefSanitize\SE@utfxxii{utf32}

\SE@utfxxiibe
591 \EdefSanitize\SE@utfxxiibe{utf32be}

\SE@utfxxiile
592 \EdefSanitize\SE@utfxxiile{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.
593 \def\SE@CheckByteOrderTwo{%
594   \expandafter\SE@CheckByteOrderTwo\SE@result0000\@nil
595 }
596 \def\SE@@CheckByteOrderTwo#1#2#3#4#5\@nil{%
597   \ifnum"#1#2#3#4="FEFF %
598     \let\SE@from\SE@utfxvile
599     \edef\SE@result{\expandafter\ltx@gobblefour\SE@result}%
600   \else
601     \ifnum"#3#4#1#2="FEFF %
602       \let\SE@from\SE@utfxvile
603       \edef\SE@result{\expandafter\ltx@gobblefour\SE@result}%
604     \else
605       \let\SE@from\SE@utfxvile
606     \fi
607   \fi
608 }

\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.
609 \def\SE@CheckByteOrderFour{%
610   \expandafter\SE@@CheckByteOrderFour\SE@result00000000\@nil
611 }
612 \def\SE@@CheckByteOrderFour#1#2#3#4#5#6#7#8#9\@nil{%
613   \let\SE@from\SE@utfxxiibe
614   \ifnum"#1#2#3#4=\ltx@zero
615     \ifnum"#5#6#7#8="FEFF %
616       \edef\SE@result{\expandafter\SE@GobbleEight\SE@result}%
617     \fi
618   \else
619     \ifnum"#7#8#5#6=\ltx@zero
620       \ifnum"#3#4#1#2="FEFF %
621         \let\SE@from\SE@utfxxiile
622         \edef\SE@result{\expandafter\SE@GobbleEight\SE@result}%
623       \fi
624     \fi
625   \fi
626 }

\SE@RemoveByteOrderTwo
627 \def\SE@RemoveByteOrderTwo{%
628   \expandafter\SE@@RemoveByteOrderTwo\SE@result
629   \ltx@empty\ltx@empty\ltx@empty\ltx@empty\@nil

```

```

630 }
631 \def\SE@RemoveByteOrderTwo#1#2#3#4#5\@nil#6{%
632   \ifnum"0#1#2#3#4#"#6 %
633     \edef\SE@result{#5}%
634   \fi
635 }

\SE@RemoveByteOrderFour

636 \def\SE@RemoveByteOrderFour#1#2{%
637   \def\SE@a{"#1 }%
638   \def\SE@b{"#2 }%
639   \expandafter\SE@RemoveByteOrderFour\SE@result
640     \ltx@empty\ltx@empty\ltx@empty\ltx@empty
641     \ltx@empty\ltx@empty\ltx@empty\ltx@empty
642     \@nil
643 }
644 \def\SE@RemoveByteOrderFour#1#2#3#4#5#6#7#8#9\@nil{%
645   \ifnum"0#1#2#3#4=\SE@a
646     \ifnum"0#5#6#7#8=\SE@b
647       \edef\SE@result{#9}%
648     \fi
649   \fi
650 }

```

## 2.4 Encoding aliases

\SE@EncodingAlias

```

651 \def\SE@EncodingAlias#1#2{%
652   \expandafter\def\csname SE@alias@#1\endcsname{#2}%
653 }

654 \SE@EncodingAlias{ansinew}{cp1252}
655 \SE@EncodingAlias{applemac}{mac-roman}
656 \SE@EncodingAlias{ascii-printable}{ascii-print}
657 \SE@EncodingAlias{cp437de}{cp437}
658 \SE@EncodingAlias{decmulti}{dec-mcs}
659 \SE@EncodingAlias{latin1}{iso-8859-1}
660 \SE@EncodingAlias{latin2}{iso-8859-2}
661 \SE@EncodingAlias{latin3}{iso-8859-3}
662 \SE@EncodingAlias{latin4}{iso-8859-4}
663 \SE@EncodingAlias{latin5}{iso-8859-9}
664 \SE@EncodingAlias{latin6}{iso-8859-10}
665 \SE@EncodingAlias{latin7}{iso-8859-13}
666 \SE@EncodingAlias{latin8}{iso-8859-14}
667 \SE@EncodingAlias{latin9}{iso-8859-15}
668 \SE@EncodingAlias{latin10}{iso-8859-16}
669 \SE@EncodingAlias{mac-ce}{mac-centeuro}
670 \SE@EncodingAlias{mac-ukrainian}{mac-cyrillic}
671 \SE@EncodingAlias{macce}{mac-centeuro}
672 \SE@EncodingAlias{maccyr}{mac-cyrillic}
673 \SE@EncodingAlias{macukr}{mac-cyrillic}
674 \SE@EncodingAlias{next}{nextstep}
675 \SE@EncodingAlias{us-ascii}{ascii}
676 \SE@EncodingAlias{utf-8}{utf8}
677 \SE@EncodingAlias{utf-16}{utf16}
678 \SE@EncodingAlias{utf-16be}{utf16be}
679 \SE@EncodingAlias{utf-16le}{utf16le}
680 \SE@EncodingAlias{utf-32}{utf32}
681 \SE@EncodingAlias{utf-32be}{utf32be}
682 \SE@EncodingAlias{utf-32le}{utf32le}

```

All encodings of package inputenx are supported.



```

683 \def\SE@temp#1{%
684   \SE@EncodingAlias{x-#1}{#1}%
685 }
686 \SE@temp{ascii}
687 \SE@temp{ascii-print}
688 \SE@temp{clean7bit}
689 \SE@temp{cp437}
690 \SE@temp{cp850}
691 \SE@temp{cp852}
692 \SE@temp{cp855}
693 \SE@temp{cp858}
694 \SE@temp{cp865}
695 \SE@temp{cp866}
696 \SE@temp{cp1250}
697 \SE@temp{cp1251}
698 \SE@temp{cp1252}
699 \SE@temp{cp1257}
700 \SE@temp{dec-mcs}
701 \SE@temp{koi8-r}
702 \SE@temp{iso-8859-1}
703 \SE@temp{iso-8859-2}
704 \SE@temp{iso-8859-3}
705 \SE@temp{iso-8859-4}
706 \SE@temp{iso-8859-5}
707 \SE@temp{iso-8859-6}
708 \SE@temp{iso-8859-7}
709 \SE@temp{iso-8859-8}
710 \SE@temp{iso-8859-9}
711 \SE@temp{iso-8859-10}
712 \SE@temp{iso-8859-11}
713 \SE@temp{iso-8859-13}
714 \SE@temp{iso-8859-14}
715 \SE@temp{iso-8859-15}
716 \SE@temp{iso-8859-16}
717 \SE@temp{mac-centeuro}
718 \SE@temp{mac-cyrillic}
719 \SE@temp{mac-roman}
720 \SE@temp{nextstep}

```

# \StringEncodingList

```

721 \def\StringEncodingList{%
722   ascii,%
723   ascii-print,%
724   clean7bit,%
725   cp437,%
726   cp850,%
727   cp852,%
728   cp855,%
729   cp858,%
730   cp865,%
731   cp866,%
732   cp1250,%
733   cp1251,%
734   cp1252,%
735   cp1257,%
736   dec-mcs,%
737   iso-8859-1,%
738   iso-8859-2,%
739   iso-8859-3,%
740   iso-8859-4,%
741   iso-8859-5,%
742   iso-8859-6,%
743   iso-8859-7,%

```

```

744 iso-8859-8,%
745 iso-8859-9,%
746 iso-8859-10,%
747 iso-8859-11,%
748 iso-8859-13,%
749 iso-8859-14,%
750 iso-8859-15,%
751 iso-8859-16,%
752 koi8-r,%
753 mac-centeuro,%
754 mac-cyrillic,%
755 mac-roman,%
756 nextstep,%
757 pdfdoc,%
758 utf8,%
759 utf16le,%
760 utf32be,%
761 utf32le%
762 }

763 </package>

```

## 2.5 Encoding files

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

```

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

767 <utf32be>\expandafter\gdef\csname\SE@PrefixTo utf32be\endcsname#1#2#3#4{%
768 <utf32be> \SE@ResultAdd{0000#1#2#3#4}%
769 <utf32le>\expandafter\gdef\csname\SE@PrefixTo utf32le\endcsname#1#2#3#4{%
770 <utf32le> \SE@ResultAdd{#3#4#1#20000}%
771 }

```

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

```

772 <utf32be>\expandafter\gdef\csname\SE@PrefixSurrogateTo utf32be\endcsname
773 <utf32le>\expandafter\gdef\csname\SE@PrefixSurrogateTo utf32le\endcsname
774 #1#2#3#4#5#6#7#8{%
775 \edef\SE@w{\SE@Nibble@NumToBin{"#2}}%
776 \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
777 \edef\SE@c{\SE@Nibble@NumToBin{"#6}}%
778 \edef\SE@w{%
779 \expandafter\ltx@gobbletwo\SE@w
780 \expandafter\SE@CarTwo\SE@a\@nil
781 }%
782 \edef\SE@w{%
783 \SE@Nibbles@BinToHex\SE@w
784 }%
785 \SE@Add\SE@w{\expandafter"\SE@w}\ltx@one
786 \edef\SE@a{%
787 \expandafter\ltx@gobbletwo\SE@a
788 \SE@Nibble@NumToBin{"#4}%
789 \expandafter\ltx@gobbletwo\SE@c
790 }%
791 <utf32be> \SE@ResultAdd{%
792 <utf32le> \SE@utfxxxii@le@add{%
793 00%
794 \ifnum\SE@w>15 %
795 10%
796 \else

```

```

797      0%
798      \SE@Nibble@NumToHex\SE@w
799      \fi
800      \SE@Nibbles@BinToHex\SE@a
801      #7#8%
802  }%
803 }
804 <*utf32le>
805 \gdef\SE@utfxxxii@le@add#1{%
806   \edef\SE@temp{#1}%
807   \SE@ResultAdd{%
808     \expandafter\SE@utfxxxii@le@switch\SE@temp
809   }%
810 }
811 \gdef\SE@utfxxxii@le@switch#1#2#3#4#5#6#7#8{%
812   #7#8#5#6#3#4#1#2%
813 }
814 </utf32le>
815 <*utf32be>
816 \expandafter\gdef\csname\SE@PrefixFrom utf32be\endcsname#1{%
817   \expandafter\SE@utfxxxii@be@from#1\relax\relax\relax\relax
818   \relax\relax\relax\relax
819 }
820 \gdef\SE@utfxxxii@be@from#1#2#3#4#5#6#7#8{%
821   \ifx#1\relax
822     \let\SE@next\relax
823   \else
824     \ifx#8\relax
825       \let\SE@next\relax
826       \SE@InvalidCharacter
827     \else
828       \let\SE@next\SE@utfxxxii@be@from
829       \SE@utfxxxii@from#1#2#3#4#5#6#7#8%
830     \fi
831   \fi
832   \SE@next
833 }
834 </utf32be>
835 <*utf32le>
836 \expandafter\gdef\csname\SE@PrefixFrom utf32le\endcsname#1{%
837   \expandafter\SE@utfxxxii@le@from#1\relax\relax\relax\relax
838   \relax\relax\relax\relax
839 }
840 \gdef\SE@utfxxxii@le@from#1#2#3#4#5#6#7#8{%
841   \ifx#1\relax
842     \let\SE@next\relax
843   \else
844     \ifx#8\relax
845       \let\SE@next\relax
846       \SE@InvalidCharacter
847     \else
848       \let\SE@next\SE@utfxxxii@le@from
849       \SE@utfxxxii@from#7#8#5#6#3#4#1#2%
850     \fi
851   \fi
852   \SE@next
853 }
854 </utf32le>
855 \gdef\SE@utfxxxii@from#1#2#3#4#5#6#7#8{%
856   \ifcase\ifnum"#1#2>\ltx@zero
857     \ltx@zero
858   \else

```

```

859         \ifnum"#3#4#5#6#7#8>"10FFFF %
860         \ltx@zero
861     \else
862         \ifnum"#3#4#5#6#7#8<"D800 %
863         \ltx@one
864     \else
865         \ifnum"#3#4#5#6#7#8>"DFFF %
866         \ltx@one
867     \else
868         \ltx@zero
869     \fi
870 \fi
871 \fi
872 \fi
873 \SE@InvalidCharacter
874 \ifSE@TestMode
875     \let\SE@next\SE@SkipRemaining
876 \fi
877 \else
878     \ifcase"#3#4 %
879         \SE@ResultAdd{#5#6#7#8}%
880     \else
881         \edef\SE@low{\SE@Nibble@NumToBin{"#6}}%
882         \SE@Add\SE@high{"#3#4}{-1}%
883         \edef\SE@high{%
884             10\SE@Nibble@NumToBin\SE@high
885             \SE@Nibble@NumToBin{"#5}%
886             \expandafter\SE@CarTwo\SE@low\@nil
887         }%
888         \edef\SE@low{%
889             11\expandafter\ltx@gobbletwo\SE@low
890         }%
891         \SE@ResultAdd{%
892             D\SE@Nibbles@BinToHex\SE@high
893             D\SE@Nibbles@BinToHex\SE@low
894             #7#8%
895         }%
896     \fi
897 \fi
898 }
899 </utf32>

```

### 2.5.2 UTF-8

```

900 <*utf8>
901 \ProvidesFile{se-utf8.def}[2010/03/01 v1.8 stringenc: UTF-8]
902 \expandafter\gdef\csname\SE@PrefixTo utf8\endcsname#1#2#3#4{%
903     \ifnum"#1#2#3#4<"80 %
904         \SE@ResultAdd{#3#4}%
905     \else
906         \ifnum"#1#2#3#4<"800 %
907             \edef\SE@temp{%
908                 \SE@Nibble@NumToBin{"#3}%
909             }%
910             \edef\SE@temp{%
911                 11%
912                 \SE@Nibble@NumToBin{"#2}%
913                 \expandafter\SE@CarTwo\SE@temp\@nil
914                 10%
915                 \expandafter\ltx@gobbletwo\SE@temp

```

```

916    }%
917     \SE@ResultAdd{%
918         \SE@Nibbles@BinToHex\SE@temp
919         #4%
920    }%
921 \else
922     \edef\SE@temp{%
923         \SE@Nibble@NumToBin{"#3}%
924    }%
925     \edef\SE@temp{%
926         10%
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         E#1%
934         \SE@Nibbles@BinToHex\SE@temp
935         #4%
936    }%
937 \fi
938 \fi
939 }

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 = uuuu - 1
940 \expandafter\gdef\csname\SE@PrefixSurrogateTo utf8\endcsname
941     #1#2#3#4#5#6#7#8{%
942     \edef\SE@w{\SE@Nibble@NumToBin{"#2}}%
943     \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
944     \edef\SE@b{\SE@Nibble@NumToBin{"#4}}%
945     \edef\SE@c{\SE@Nibble@NumToBin{"#6}}%
946     \edef\SE@d{\SE@Nibble@NumToBin{"#7}}%
947     \edef\SE@w{%
948         \expandafter\ltx@gobbletwo\SE@w
949         \expandafter\SE@CarTwo\SE@a\@nil
950     }%
951     \edef\SE@w{%
952         \SE@Nibbles@BinToHex\SE@w
953     }%
954     \SE@Add\SE@w{\expandafter"\SE@w}\ltx@one
955     \ifnum\SE@w>15 %
956         \def\SE@char{1}%
957         \SE@Add\SE@w\SE@w{-16}%
958     \else
959         \def\SE@char{0}%
960     \fi
961     \edef\SE@w{\SE@Nibble@NumToBin\SE@w}%
962     \edef\SE@temp{%
963         0\SE@char
964         \expandafter\SE@CarTwo\SE@w\@nil
965         10%
966         \expandafter\ltx@gobbletwo\SE@w
967         \expandafter\ltx@gobbletwo\SE@a
968         \expandafter\SE@CarTwo\SE@b\@nil
969         10%
970         \expandafter\ltx@gobbletwo\SE@b
971         \expandafter\ltx@gobbletwo\SE@c
972         \expandafter\SE@CarTwo\SE@d\@nil
973         10%
974         \expandafter\ltx@gobbletwo\SE@d

```

```

975 }%
976 \SE@ResultAdd{%
977     F%
978     \SE@Nibbles@BinToHex\SE@temp
979     #8%
980 }%
981 }
982 \expandafter\gdef\csname\SE@PrefixFrom utf8\endcsname#1{%
983     \let\SE@temp\ltx@empty
984     \let\SE@next\SE@utfviii@filter
985     \expandafter\SE@utfviii@filter#1\relax\relax
986     \ifcase\ifSE@TestMode
987         \ifSE@invalid
988             \ltx@one
989         \else
990             \ltx@zero
991         \fi
992     \else
993         \ltx@zero
994     \fi
995     \expandafter\SE@utfviii@from\SE@temp\relax\relax\relax\relax
996                                     \relax\relax\relax\relax
997 \fi
998 }

```

Invalid bytes in UTF-8: C0-C1, F5-FF

```

999 \gdef\SE@utfviii@filter#1#2{%
1000     \ifx#1\relax
1001         \let\SE@next\relax
1002     \else
1003         \ifcase\ifnum"#1#2">"F4 %
1004             \ltx@zero
1005         \else
1006             \ifnum"#1#2"="C0 %
1007                 \ltx@zero
1008             \else
1009                 \ifnum"#1#2"="C1 %
1010                     \ltx@zero
1011                 \else
1012                     \ltx@one
1013                 \fi
1014             \fi
1015         \fi
1016         \SE@InvalidCharacter
1017         \ifSE@TestMode
1018             \let\SE@next\SE@SkipRemaining
1019         \fi
1020     \else
1021         \edef\SE@temp{\SE@temp#1#2}%
1022     \fi
1023 \fi
1024 \SE@next
1025 }
1026 \gdef\SE@utfviii@from#1#2#3#4#5#6#7#8{%
1027     \ifx#1\relax
1028         \let\SE@next\relax
1029     \else
1030         \ifnum"#1<8 % 0xxx xxxx
1031             \SE@ResultAdd{00#1#2}%
1032             \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1033         \else
1034             \ifnum"#1<12 % 10xx xxxx
1035                 \SE@InvalidCharacter

```

```

1036     \ifSE@TestMode
1037     \let\SE@next\SE@SkipRemaining
1038   \else
1039     \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1040   \fi
1041 \else
1042   \ifx#3\relax
1043     \let\SE@next\relax
1044     \SE@InvalidCharacter
1045   \else
1046     \ifcase\SE@utfviii@CheckCont#3%
1047       \SE@InvalidCharacter
1048       \ifSE@TestMode
1049         \let\SE@next\SE@SkipRemaining
1050       \else
1051         \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1052       \fi
1053     \else
1054       \ifnum"#1<14 % 110y yyyy 10xx xxxx
1055         % 0000 0yyy yyxx xxxx
1056         \edef\SE@temp{%
1057           \SE@Nibble@NumToBin{"#3}%
1058         }%
1059         \edef\SE@temp{%
1060           0\ifodd"#1 1\else 0\fi
1061           \SE@Nibble@NumToBin{"#2}%
1062           \expandafter\ltx@gobbletwo\SE@temp
1063         }%
1064         \SE@ResultAdd{%
1065           0%
1066           \SE@Nibbles@BinToHex\SE@temp
1067           #4%
1068         }%
1069         \def\SE@next{\SE@utfviii@from#5#6#7#8}%
1070     \else
1071       \ifx#5\relax
1072         \let\SE@next\relax
1073         \SE@InvalidCharacter
1074       \else
1075         \ifcase\SE@utfviii@CheckCont#5%
1076           \SE@InvalidCharacter
1077           \ifSE@TestMode
1078             \let\SE@next\SE@SkipRemaining
1079           \else
1080             \def\SE@next{\SE@utfviii@from#5#6#7#8}%
1081           \fi
1082         \else
1083           \ifnum"#1=14 % 1110 zzzz 10yy yyyy 10xx xxxx
1084             % zzzz yyyy yyxx xxxx
1085           \ifcase\ifnum"#2="D %
1086             \ifnum"#3#4>"9F %
1087               \ltx@zero
1088             \else
1089               \ltx@one
1090             \fi
1091           \else
1092             \ifnum"#2=\ltx@zero
1093               \ifnum"#3<"A %
1094                 \ltx@zero
1095               \else
1096                 \ltx@one
1097             \fi

```

```

1098         \else
1099             \ltx@one
1100         \fi
1101     \fi
1102     \SE@InvalidCharacter
1103     \ifSE@TestMode
1104         \let\SE@next\SE@SkipRemaining
1105     \else
1106         \def\SE@next{\SE@utfviii@from#7#8}%
1107     \fi
1108 \else
1109     \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
1110     \edef\SE@b{\SE@Nibble@NumToBin{"#5}}%
1111     \edef\SE@temp{%
1112         \expandafter\ltx@gobbletwo\SE@a
1113         \SE@Nibble@NumToBin{"#4}%
1114         \expandafter\ltx@gobbletwo\SE@b
1115     }%
1116     \SE@ResultAdd{%
1117         #2%
1118         \SE@Nibbles@BinToHex\SE@temp
1119         #6%
1120     }%
1121     \def\SE@next{\SE@utfviii@from#7#8}%
1122 \fi
1123 \else
1124     \ifx#7\relax
1125         \let\SE@next\relax
1126         \SE@InvalidCharacter
1127     \else
1128         \ifcase\SE@utfviii@CheckCont#7%
1129             \SE@InvalidCharacter
1130             \ifSE@TestMode
1131                 \let\SE@next\SE@SkipRemaining
1132             \else
1133                 \def\SE@next{\SE@utfviii@from#7#8}%
1134             \fi
1135         \else
1136             \let\SE@next\SE@utfviii@from
1137             \ifnum"#2<8 % 1111 0uuu 10uu zzzz 10yy yyyy 10xx xxxx
1138                 % 1101 10ww wwzz zzyy 1101 11yy yyxx xxxx
1139             \edef\SE@w{\SE@Nibble@NumToBin{"#3}}%
1140             \edef\SE@w{%
1141                 00%
1142                 \SE@Nibble@NumToBin{"#2}%
1143                 \expandafter\ltx@gobbletwo\SE@w
1144             }%
1145             \edef\SE@w{\SE@Nibbles@BinToHex\SE@w}%
1146             \SE@Add\SE@w{\expandafter"\SE@w}{-1}%
1147             \ifnum\SE@w>15 %
1148                 \SE@InvalidCharacter
1149                 \ifSE@TestMode
1150                     \let\SE@next\SE@SkipRemaining
1151                 \fi
1152             \else
1153                 \ifnum\SE@w<\ltx@zero
1154                     \SE@InvalidCharacter
1155                     \ifSE@TestMode
1156                         \let\SE@next\SE@SkipRemaining
1157                     \fi
1158                 \else
1159                     \edef\SE@a{\SE@Nibble@NumToBin{"#5}}%

```



```

1160 \edef\SE@b{\SE@Nibble@NumToBin{"#7}}%
1161 \edef\SE@temp{%
1162     10%
1163     \SE@Nibble@NumToBin\SE@w
1164     \SE@Nibble@NumToBin{"#4}%
1165     \expandafter\ltx@gobbletwo\SE@a
1166     1101%
1167     11%
1168     \SE@Nibble@NumToBin{"#6}%
1169     \expandafter\ltx@gobbletwo\SE@b
1170 }%
1171 \SE@ResultAdd{%
1172     D%
1173     \SE@Nibbles@BinToHex\SE@temp
1174     #8%
1175 }%
1176 \fi
1177 \fi
1178 \else
1179 \SE@InvalidCharacter
1180 \if\SE@TestMode
1181 \let\SE@next\SE@SkipRemaining
1182 \fi
1183 \fi
1184 \fi
1185 \fi
1186 \fi
1187 \fi
1188 \fi
1189 \fi
1190 \fi
1191 \fi
1192 \fi
1193 \fi
1194 \fi
1195 \SE@next
1196 }
1197 \gdef\SE@utfviii@CheckCont#1{%
1198 \ifnum"#1<8 %
1199 \ltx@zero
1200 \else
1201 \ifnum"#1<12 %
1202 \ltx@one
1203 \else
1204 \ltx@zero
1205 \fi
1206 \fi
1207 }
1208 </utf8>

```

### 2.5.3 UTF-16LE

```

1209 <*utf16le>
1210 \ProvidesFile{se-utf16le.def}[2010/03/01 v1.8 stringenc: UTF-16LE]
1211 \expandafter\gdef\csname\SE@PrefixTo utf16le\endcsname#1#2#3#4{%
1212 \SE@ResultAdd{#3#4#1#2}%
1213 }
1214 \expandafter\gdef\csname\SE@PrefixSurrogateTo utf16le\endcsname
1215 #1#2#3#4#5#6#7#8{%
1216 \SE@ResultAdd{#3#4#1#2#7#8#5#6}%
1217 }
1218 \expandafter\gdef\csname\SE@PrefixFrom utf16le\endcsname#1{%

```

```

1219 \expandafter\SE@utfxvile@from#1\relax\relax\relax\relax
1220 }
1221 \gdef\SE@utfxvile@from#1#2#3#4{%
1222 \ifx#1\relax
1223 \else
1224 \ifx#4\relax
1225 \SE@InvalidCharacter
1226 \else
1227 \SE@ResultAdd{#3#4#1#2}%
1228 \fi
1229 \expandafter\SE@utfxvile@from
1230 \fi
1231 }
1232 </utf16le>

```

#### 2.5.4 PDFDocEncoding

```

1233 <*pdfdoc>
1234 \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.

```

1235 \expandafter\gdef\csname\SE@PrefixTo pdfdoc\endcsname#1#2#3#4{%
1236 \ifcase\ifnum"#1#2#3#4<256 %
1237 \ifnum"#1#2#3#4>160 %
1238 \ltx@zero
1239 \else
1240 \ifnum"#1#2#3#4<127 %
1241 \ifnum"#1#2#3#4>31 %
1242 \ltx@zero
1243 \else
1244 \ltx@one
1245 \fi
1246 \else
1247 \ltx@one
1248 \fi
1249 \fi
1250 \else
1251 \ltx@one
1252 \fi
1253 \SE@ResultAdd{#3#4}%
1254 \else
1255 \SE@MapConvertTo{pdfdoc}-{#1#2#3#4}%
1256 \fi
1257 }
1258 \expandafter\gdef\csname\SE@PrefixSurrogateTo pdfdoc\endcsname
1259 #1#2#3#4#5#6#7#8{%
1260 \SE@InvalidCharacter
1261 }
1262 \expandafter\gdef\csname\SE@PrefixFrom pdfdoc\endcsname#1{%
1263 \let\SE@next\SE@pdfdoc@from
1264 \expandafter\SE@pdfdoc@from#1\relax\relax
1265 }
1266 \gdef\SE@pdfdoc@from#1#2{%
1267 \ifx#1\relax
1268 \let\SE@next\relax
1269 \else
1270 \ifcase\ifnum"#1#2>160 %
1271 \ifnum"#1#2="AD %
1272 2 %
1273 \else
1274 \ltx@zero
1275 \fi

```

```

1276         \else
1277             \ifnum"#1#2<127 %
1278                 \ifnum"#1#2>31 %
1279                     \ltx@zero
1280                 \else
1281                     \ltx@one
1282                 \fi
1283             \else
1284                 \ltx@one
1285             \fi
1286         \fi
1287         \SE@ResultAdd{00#1#2}%
1288     \or
1289         \SE@MapConvertFrom{pdfdoc}{#1#2}%
1290     \else
1291         \SE@InvalidCharacter
1292         \ifSE@TestMode
1293             \let\SE@next\SE@SkipRemaining
1294         \fi
1295     \fi
1296 \fi
1297 \SE@next
1298 }

1299 \SE@MapDeclare{pdfdoc}{09}{0009}
1300 \SE@MapDeclare{pdfdoc}{0A}{000A}
1301 \SE@MapDeclare{pdfdoc}{0D}{000D}
1302 \SE@MapDeclare{pdfdoc}{18}{02D8}
1303 \SE@MapDeclare{pdfdoc}{19}{02C7}
1304 \SE@MapDeclare{pdfdoc}{1A}{02C6}
1305 \SE@MapDeclare{pdfdoc}{1B}{02D9}
1306 \SE@MapDeclare{pdfdoc}{1C}{02DD}
1307 \SE@MapDeclare{pdfdoc}{1D}{02DB}
1308 \SE@MapDeclare{pdfdoc}{1E}{02DA}
1309 \SE@MapDeclare{pdfdoc}{1F}{02DC}
1310 \SE@MapDeclare{pdfdoc}{80}{2022}
1311 \SE@MapDeclare{pdfdoc}{81}{2020}
1312 \SE@MapDeclare{pdfdoc}{82}{2021}
1313 \SE@MapDeclare{pdfdoc}{83}{2026}
1314 \SE@MapDeclare{pdfdoc}{84}{2014}
1315 \SE@MapDeclare{pdfdoc}{85}{2013}
1316 \SE@MapDeclare{pdfdoc}{86}{0192}
1317 \SE@MapDeclare{pdfdoc}{87}{2044}
1318 \SE@MapDeclare{pdfdoc}{88}{2039}
1319 \SE@MapDeclare{pdfdoc}{89}{203A}
1320 \SE@MapDeclare{pdfdoc}{8A}{2212}
1321 \SE@MapDeclare{pdfdoc}{8B}{2030}
1322 \SE@MapDeclare{pdfdoc}{8C}{201E}
1323 \SE@MapDeclare{pdfdoc}{8D}{201C}
1324 \SE@MapDeclare{pdfdoc}{8E}{201D}
1325 \SE@MapDeclare{pdfdoc}{8F}{2018}
1326 \SE@MapDeclare{pdfdoc}{90}{2019}
1327 \SE@MapDeclare{pdfdoc}{91}{201A}
1328 \SE@MapDeclare{pdfdoc}{92}{2122}
1329 \SE@MapDeclare{pdfdoc}{93}{FB01}
1330 \SE@MapDeclare{pdfdoc}{94}{FB02}
1331 \SE@MapDeclare{pdfdoc}{95}{0141}
1332 \SE@MapDeclare{pdfdoc}{96}{0152}
1333 \SE@MapDeclare{pdfdoc}{97}{0160}
1334 \SE@MapDeclare{pdfdoc}{98}{0178}
1335 \SE@MapDeclare{pdfdoc}{99}{017D}
1336 \SE@MapDeclare{pdfdoc}{9A}{0131}
1337 \SE@MapDeclare{pdfdoc}{9B}{0142}

```

```

1338 \SE@MapDeclare{pdfdoc}{9C}{0153}
1339 \SE@MapDeclare{pdfdoc}{9D}{0161}
1340 \SE@MapDeclare{pdfdoc}{9E}{017E}
1341 \SE@MapDeclare{pdfdoc}{A0}{20AC}
1342 </pdfdoc>
2.5.5 ISO-8859-1
1343 <*iso-8859-1>
1344 \ProvidesFile{se-iso-8859-1.def}[2010/03/01 v1.8 stringenc: ISO-8859-1]
    Excluded area: 0x80..0x9F
1345 \expandafter\gdef\csname\SE@PrefixTo iso-8859-1\endcsname#1#2#3#4{%
1346     \ifcase\ifnum"#1#2=\ltx@zero
1347         \ifnum"#3#4<"80 %
1348             \ltx@one
1349         \else
1350             \ifnum"#3#4>"9F %
1351                 \ltx@one
1352             \else
1353                 \ltx@zero
1354             \fi
1355         \fi
1356     \else
1357         \ltx@zero
1358     \fi
1359     \SE@InvalidCharacter
1360 \else
1361     \SE@ResultAdd{#3#4}%
1362 \fi
1363 }
1364 \expandafter\gdef\csname\SE@PrefixSurrogateTo iso-8859-1\endcsname
1365     #1#2#3#4#5#6#7#8{%
1366     \SE@InvalidCharacter
1367 }
1368 \expandafter\gdef\csname\SE@PrefixFrom iso-8859-1\endcsname#1{%
1369     \let\SE@next\SE@isoone@from
1370     \expandafter\SE@isoone@from#1\relax\relax
1371 }
1372 \gdef\SE@isoone@from#1#2{%
1373     \ifx#1\relax
1374         \let\SE@next\relax
1375     \else
1376         \ifcase\ifnum"#1#2<"80 %
1377             \ltx@one
1378         \else
1379             \ifnum"#1#2>"9F %
1380                 \ltx@one
1381             \else
1382                 \ltx@zero
1383             \fi
1384         \fi
1385         \SE@InvalidCharacter
1386         \ifSE@TestMode
1387             \let\SE@next\SE@SkipRemaining
1388         \fi
1389     \else
1390         \SE@ResultAdd{00#1#2}%
1391     \fi
1392 \fi
1393 \SE@next
1394 }
1395 </iso-8859-1>

```

## 2.5.6 CP1252

```
1396 <*cp1252>
1397 \ProvidesFile{se-cp1252.def}[2010/03/01 v1.8 stringenc: cp1252]
1398 \expandafter\gdef\csname\SE@PrefixTo cp1252\endcsname#1#2#3#4{%
1399   \ifcase\ifnum"#1#2=\ltx@zero
1400     \ifnum"#3#4<"80 %
1401       \ltx@one
1402     \else
1403       \ifnum"#3#4>"9F %
1404         \ltx@one
1405       \else
1406         \ltx@zero
1407       \fi
1408     \fi
1409   \else
1410     \ltx@zero
1411   \fi
1412   \SE@MapConvertTo{cp1252}{#1#2#3#4}%
1413 \else
1414   \SE@ResultAdd{#3#4}%
1415 \fi
1416 }

1417 \expandafter\gdef\csname\SE@PrefixSurrogateTo cp1252\endcsname
1418   #1#2#3#4#5#6#7#8{%
1419   \SE@InvalidCharacter
1420 }

1421 \expandafter\gdef\csname\SE@PrefixFrom cp1252\endcsname#1{%
1422   \let\SE@next\SE@ansinew@from
1423   \expandafter\SE@ansinew@from#1\relax\relax
1424 }
1425 \gdef\SE@ansinew@from#1#2{%
1426   \ifx#1\relax
1427     \let\SE@next\relax
1428   \else
1429     \ifcase\ifnum"#1#2<"80 %
1430       \ltx@one
1431     \else
1432       \ifnum"#1#2>"9F %
1433         \ltx@one
1434       \else
1435         \ltx@zero
1436       \fi
1437     \fi
1438     \SE@MapConvertFrom{cp1252}{#1#2}%
1439   \else
1440     \SE@ResultAdd{00#1#2}%
1441   \fi
1442 \fi
1443 \SE@next
1444 }

1445 \SE@MapDeclare{cp1252}{80}{20AC}% EURO SIGN
1446 \SE@MapDeclare{cp1252}{82}{201A}% SINGLE LOW-9 QUOTATION MARK
1447 \SE@MapDeclare{cp1252}{83}{0192}% LATIN SMALL LETTER F WITH HOOK
1448 \SE@MapDeclare{cp1252}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK
1449 \SE@MapDeclare{cp1252}{85}{2026}% HORIZONTAL ELLIPSIS
1450 \SE@MapDeclare{cp1252}{86}{2020}% DAGGER
1451 \SE@MapDeclare{cp1252}{87}{2021}% DOUBLE DAGGER
1452 \SE@MapDeclare{cp1252}{88}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT
1453 \SE@MapDeclare{cp1252}{89}{2030}% PER MILLE SIGN
1454 \SE@MapDeclare{cp1252}{8A}{0160}% LATIN CAPITAL LETTER S WITH CARON
1455 \SE@MapDeclare{cp1252}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK
1456 \SE@MapDeclare{cp1252}{8C}{0152}% LATIN CAPITAL LIGATURE OE
1457 \SE@MapDeclare{cp1252}{8E}{017D}% LATIN CAPITAL LETTER Z WITH CARON
1458 \SE@MapDeclare{cp1252}{91}{2018}% LEFT SINGLE QUOTATION MARK
1459 \SE@MapDeclare{cp1252}{92}{2019}% RIGHT SINGLE QUOTATION MARK
```

```

1460 \SE@MapDeclare{cp1252}{93}{201C}% LEFT DOUBLE QUOTATION MARK
1461 \SE@MapDeclare{cp1252}{94}{201D}% RIGHT DOUBLE QUOTATION MARK
1462 \SE@MapDeclare{cp1252}{95}{2022}% BULLET
1463 \SE@MapDeclare{cp1252}{96}{2013}% EN DASH
1464 \SE@MapDeclare{cp1252}{97}{2014}% EM DASH
1465 \SE@MapDeclare{cp1252}{98}{02DC}% SMALL TILDE
1466 \SE@MapDeclare{cp1252}{99}{2122}% TRADE MARK SIGN
1467 \SE@MapDeclare{cp1252}{9A}{0161}% LATIN SMALL LETTER S WITH CARON
1468 \SE@MapDeclare{cp1252}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
1469 \SE@MapDeclare{cp1252}{9C}{0153}% LATIN SMALL LIGATURE OE
1470 \SE@MapDeclare{cp1252}{9E}{017E}% LATIN SMALL LETTER Z WITH CARON
1471 \SE@MapDeclare{cp1252}{9F}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS

```

```
1472 </cp1252>
```

## 2.5.7 US-ASCII

```

1473 <*ascii>
1474 \ProvidesFile{se-ascii.def}[2010/03/01 v1.8 stringenc: US-ASCII]

1475 \expandafter\gdef\csname\SE@PrefixTo ascii\endcsname#1#2#3#4{%
1476   \ifnum"#1#2#3<8 %
1477     \SE@ResultAdd{#3#4}%
1478   \else
1479     \SE@InvalidCharacter
1480   \fi
1481 }

1482 \expandafter\gdef\csname\SE@PrefixSurrogateTo ascii\endcsname
1483   #1#2#3#4#5#6#7#8{%
1484   \SE@InvalidCharacter
1485 }

1486 \expandafter\gdef\csname\SE@PrefixFrom ascii\endcsname#1{%
1487   \let\SE@next\SE@ascii@from
1488   \expandafter\SE@ascii@from#1\relax\relax
1489 }

1490 \gdef\SE@ascii@from#1#2{%
1491   \ifx#1\relax
1492     \let\SE@next\relax
1493   \else
1494     \ifnum"#1>7 %
1495       \SE@InvalidCharacter
1496       \ifSE@TestMode
1497         \let\SE@next\SE@SkipRemaining
1498       \fi
1499     \else
1500       \SE@ResultAdd{00#1#2}%
1501     \fi
1502   \fi
1503   \SE@next
1504 }

1505 </ascii>

```

## 2.5.8 Encoding ascii-print

```

1506 <*ascii-print>
1507 \ProvidesFile{se-ascii-print.def}%
1508   [2010/03/01 v1.8 stringenc: Printable ASCII characters]%

1509 \expandafter\gdef\csname\SE@PrefixTo ascii-print\endcsname#1#2#3#4{%
1510   \ifnum"#1#2=\ltx@zero
1511     \ifnum"#3#4<127 %
1512       \ifnum"#3#4>31 %
1513         \SE@ResultAdd{#3#4}%
1514       \else
1515         \SE@InvalidCharacter
1516       \fi
1517     \else
1518       \SE@InvalidCharacter

```

```

1519     \fi
1520   \else
1521     \SE@InvalidCharacter
1522   \fi
1523 }

1524 \expandafter\gdef\csname\SE@PrefixSurrogateTo ascii-print\endcsname
1525   #1#2#3#4#5#6#7#8{%
1526   \SE@InvalidCharacter
1527 }

1528 \expandafter\gdef\csname\SE@PrefixFrom ascii-print\endcsname#1{%
1529   \let\SE@next\SE@ascii@print@from
1530   \expandafter\SE@ascii@print@from#1\relax\relax
1531 }
1532 \gdef\SE@ascii@print@from#1#2{%
1533   \ifx#1\relax
1534     \let\SE@next\relax
1535   \else
1536     \ifnum"#1#2>126 %
1537       \SE@InvalidCharacter
1538       \ifSE@TestMode
1539         \let\SE@next\SE@SkipRemaining
1540       \fi
1541     \else
1542       \ifnum"#1#2<32 %
1543         \SE@InvalidCharacter
1544         \ifSE@TestMode
1545           \let\SE@next\SE@SkipRemaining
1546         \fi
1547       \else
1548         \SE@ResultAdd{00#1#2}%
1549       \fi
1550     \fi
1551   \fi
1552   \SE@next
1553 }

1554 </ascii-print>

```

## 2.5.9 Clean7Bit

```

1555 <*clean7bit>
1556 \ProvidesFile{se-clean7bit.def}[2010/03/01 v1.8 stringenc: Clean7Bit]

1557 \expandafter\gdef\csname\SE@PrefixTo clean7bit\endcsname#1#2#3#4{%
1558   \ifnum"#1#2#3<8 %
1559     \ifnum"#3#4<128 %
1560       \ifnum"#3#4>26 %
1561         \SE@ResultAdd{#3#4}%
1562       \else
1563         \ifnum"#3#4=10 %
1564           \SE@ResultAdd{0A}%
1565         \else
1566           \ifnum"#3#4=13 %
1567             \SE@ResultAdd{0D}%
1568           \else
1569             \ifnum"#3#4=9 %
1570               \SE@ResultAdd{09}%
1571             \else
1572               \SE@InvalidCharacter
1573             \fi
1574           \fi
1575         \fi
1576       \fi
1577     \else

```

```

1578     \SE@InvalidCharacter
1579   \fi
1580 \else
1581   \SE@InvalidCharacter
1582 \fi
1583 }

1584 \expandafter\gdef\csname\SE@PrefixSurrogateTo clean7bit\endcsname
1585   #1#2#3#4#5#6#7#8{%
1586   \SE@InvalidCharacter
1587 }

1588 \expandafter\gdef\csname\SE@PrefixFrom clean7bit\endcsname#1{%
1589   \let\SE@next\SE@cleansevenbit@from
1590   \expandafter\SE@cleansevenbit@from#1\relax\relax
1591 }
1592 \gdef\SE@cleansevenbit@from#1#2{%
1593   \ifx#1\relax
1594     \let\SE@next\relax
1595   \else
1596     \ifnum"#1#2>126 %
1597       \SE@InvalidCharacter
1598       \ifSE@TestMode
1599         \let\SE@next\SE@SkipRemaining
1600       \fi
1601     \else
1602       \ifnum"#1#2<27 %
1603         \ifnum"#1#2=10 %
1604           \SE@ResultAdd{0010}%
1605         \else
1606           \ifnum"#1#2=13 %
1607             \SE@ResultAdd{000D}%
1608           \else
1609             \ifnum"#1#2=9 %
1610               \SE@ResultAdd{0009}%
1611             \else
1612               \SE@InvalidCharacter
1613               \ifSE@TestMode
1614                 \let\SE@next\SE@SkipRemaining
1615               \fi
1616             \fi
1617           \fi
1618         \else
1619           \SE@ResultAdd{00#1#2}%
1620         \fi
1621       \fi
1622     \fi
1623   \SE@next
1624 }

1625 </clean7bit>

```

## 2.5.10 Other encodings (8 bit)

```

1626 <*iso-8859-2>
1627 \ProvidesFile{se-iso-8859-2.def}[2010/03/01 v1.8 stringenc: ISO-8859-2]
1628 \def\SE@this{iso-8859-2}
1629 </iso-8859-2>
1630 <*iso-8859-3>
1631 \ProvidesFile{se-iso-8859-3.def}[2010/03/01 v1.8 stringenc: ISO-8859-3]
1632 \def\SE@this{iso-8859-3}
1633 </iso-8859-3>
1634 <*iso-8859-4>
1635 \ProvidesFile{se-iso-8859-4.def}[2010/03/01 v1.8 stringenc: ISO-8859-4]
1636 \def\SE@this{iso-8859-4}

```



```

1637 </iso-8859-4>
1638 <*iso-8859-5>
1639 \ProvidesFile{se-iso-8859-5.def}[2010/03/01 v1.8 stringenc: ISO-8859-5]
1640 \def\SE@this{iso-8859-5}
1641 </iso-8859-5>
1642 <*iso-8859-6>
1643 \ProvidesFile{se-iso-8859-6.def}[2010/03/01 v1.8 stringenc: ISO-8859-6]
1644 \def\SE@this{iso-8859-6}
1645 </iso-8859-6>
1646 <*iso-8859-7>
1647 \ProvidesFile{se-iso-8859-7.def}[2010/03/01 v1.8 stringenc: ISO-8859-7]
1648 \def\SE@this{iso-8859-7}
1649 </iso-8859-7>
1650 <*iso-8859-8>
1651 \ProvidesFile{se-iso-8859-8.def}[2010/03/01 v1.8 stringenc: ISO-8859-8]
1652 \def\SE@this{iso-8859-8}
1653 </iso-8859-8>
1654 <*iso-8859-9>
1655 \ProvidesFile{se-iso-8859-9.def}[2010/03/01 v1.8 stringenc: ISO-8859-9]
1656 \def\SE@this{iso-8859-9}
1657 </iso-8859-9>
1658 <*iso-8859-10>
1659 \ProvidesFile{se-iso-8859-10.def}[2010/03/01 v1.8 stringenc: ISO-8859-10]
1660 \def\SE@this{iso-8859-10}
1661 </iso-8859-10>
1662 <*iso-8859-11>
1663 \ProvidesFile{se-iso-8859-11.def}[2010/03/01 v1.8 stringenc: ISO-8859-11]
1664 \def\SE@this{iso-8859-11}
1665 </iso-8859-11>
1666 <*iso-8859-13>
1667 \ProvidesFile{se-iso-8859-13.def}[2010/03/01 v1.8 stringenc: ISO-8859-13]
1668 \def\SE@this{iso-8859-13}
1669 </iso-8859-13>
1670 <*iso-8859-14>
1671 \ProvidesFile{se-iso-8859-14.def}[2010/03/01 v1.8 stringenc: ISO-8859-14]
1672 \def\SE@this{iso-8859-14}
1673 </iso-8859-14>
1674 <*iso-8859-15>
1675 \ProvidesFile{se-iso-8859-15.def}[2010/03/01 v1.8 stringenc: ISO-8859-15]
1676 \def\SE@this{iso-8859-15}
1677 </iso-8859-15>
1678 <*iso-8859-16>
1679 \ProvidesFile{se-iso-8859-16.def}[2010/03/01 v1.8 stringenc: ISO-8859-16]
1680 \def\SE@this{iso-8859-16}
1681 </iso-8859-16>
1682 <*koi8-r>
1683 \ProvidesFile{se-koi8-r.def}[2010/03/01 v1.8 stringenc: KOI8-R]
1684 \def\SE@this{koi8-r}
1685 </koi8-r>
1686 <*nextstep>
1687 \ProvidesFile{se-nextstep.def}[2010/03/01 v1.8 stringenc: NextStep]
1688 \def\SE@this{nextstep}
1689 </nextstep>
1690 <*mac-centeuro>
1691 \ProvidesFile{se-mac-centeuro.def}[2010/03/01 v1.8 stringenc: Mac OS Central European]
1692 \def\SE@this{mac-centeuro}
1693 </mac-centeuro>
1694 <*mac-cyrillic>
1695 \ProvidesFile{se-mac-cyrillic.def}[2010/03/01 v1.8 stringenc: Mac OS Cyrillic]
1696 \def\SE@this{mac-cyrillic}
1697 </mac-cyrillic>
1698 <*mac-roman>

```

```

1699 \ProvidesFile{se-mac-roman.def}[2010/03/01 v1.8 stringenc: Mac OS Roman]
1700 \def\SE@this{mac-roman}
1701 \</mac-roman>
1702 \<*dec-mcs>
1703 \ProvidesFile{se-dec-mcs.def}[2010/03/01 v1.8 stringenc: DEC-MCS]
1704 \def\SE@this{dec-mcs}
1705 \</dec-mcs>
1706 \<*cp437>
1707 \ProvidesFile{se-cp437.def}[2010/03/01 v1.8 stringenc: cp437]
1708 \def\SE@this{cp437}
1709 \</cp437>
1710 \<*cp850>
1711 \ProvidesFile{se-cp850.def}[2010/03/01 v1.8 stringenc: cp850]
1712 \def\SE@this{cp850}
1713 \</cp850>
1714 \<*cp852>
1715 \ProvidesFile{se-cp852.def}[2010/03/01 v1.8 stringenc: cp852]
1716 \def\SE@this{cp852}
1717 \</cp852>
1718 \<*cp855>
1719 \ProvidesFile{se-cp855.def}[2010/03/01 v1.8 stringenc: cp855]
1720 \def\SE@this{cp855}
1721 \</cp855>
1722 \<*cp858>
1723 \ProvidesFile{se-cp858.def}[2010/03/01 v1.8 stringenc: cp858]
1724 \def\SE@this{cp858}
1725 \</cp858>
1726 \<*cp865>
1727 \ProvidesFile{se-cp865.def}[2010/03/01 v1.8 stringenc: cp865]
1728 \def\SE@this{cp865}
1729 \</cp865>
1730 \<*cp866>
1731 \ProvidesFile{se-cp866.def}[2010/03/01 v1.8 stringenc: cp866]
1732 \def\SE@this{cp866}
1733 \</cp866>
1734 \<*cp1250>
1735 \ProvidesFile{se-cp1250.def}[2010/03/01 v1.8 stringenc: cp1250]
1736 \def\SE@this{cp1250}
1737 \</cp1250>
1738 \<*cp1251>
1739 \ProvidesFile{se-cp1251.def}[2010/03/01 v1.8 stringenc: cp1251]
1740 \def\SE@this{cp1251}
1741 \</cp1251>
1742 \<*cp1257>
1743 \ProvidesFile{se-cp1257.def}[2010/03/01 v1.8 stringenc: cp1257]
1744 \def\SE@this{cp1257}
1745 \</cp1257>
1746 \<*package>
1747 \def\SE@to@general#1#2#3#4{%
1748   \ifnum"#1#2#3#4<128 %
1749     \SE@ResultAdd{#3#4}%
1750   \else
1751     \SE@MapConvertTo\SE@encoding{#1#2#3#4}%
1752   \fi
1753 }
1754 \def\SE@to@general@surrogate#1#2#3#4#5#6#7#8{%
1755   \SE@InvalidCharacter
1756 }
1757 \def\SE@from@general#1{%
1758   \let\SE@next\SE@from@general
1759   \expandafter\SE@@@from@general#1\relax\relax
1760 }

```

```

1761 \def\SE@@from@general#1#2{%
1762   \ifx#1\relax
1763     \let\SE@next\relax
1764   \else
1765     \ifnum"#1<8 % "#1#2<128
1766       \SE@ResultAdd{00#1#2}%
1767     \else
1768       \SE@MapConvertFrom\SE@encoding{#1#2}%
1769     \fi
1770   \fi
1771   \SE@next
1772 }

1773 \SE@AtEnd
1774 \</package>

1775 \<*general>

```

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

```

1776 \global\expandafter\let\csname\SE@PrefixTo\SE@this\endcsname
1777   \SE@to@general
1778 \global\expandafter\let\csname\SE@PrefixSurrogateTo\SE@this\endcsname
1779   \SE@to@general@surrogate
1780 \global\expandafter\let\csname\SE@PrefixFrom\SE@this\endcsname
1781   \SE@from@general
1782 \</general>

```

## iso-8859-2

```

1783 \<*iso-8859-2>
1784 \SE@MapDeclare{iso-8859-2}{A0}{00A0}% NO-BREAK SPACE
1785 \SE@MapDeclare{iso-8859-2}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK
1786 \SE@MapDeclare{iso-8859-2}{A2}{02D8}% BREVE
1787 \SE@MapDeclare{iso-8859-2}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE
1788 \SE@MapDeclare{iso-8859-2}{A4}{00A4}% CURRENCY SIGN
1789 \SE@MapDeclare{iso-8859-2}{A5}{013D}% LATIN CAPITAL LETTER L WITH CARON
1790 \SE@MapDeclare{iso-8859-2}{A6}{015A}% LATIN CAPITAL LETTER S WITH ACUTE
1791 \SE@MapDeclare{iso-8859-2}{A7}{00A7}% SECTION SIGN
1792 \SE@MapDeclare{iso-8859-2}{A8}{00A8}% DIAERESIS
1793 \SE@MapDeclare{iso-8859-2}{A9}{0160}% LATIN CAPITAL LETTER S WITH CARON
1794 \SE@MapDeclare{iso-8859-2}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA
1795 \SE@MapDeclare{iso-8859-2}{AB}{0164}% LATIN CAPITAL LETTER T WITH CARON
1796 \SE@MapDeclare{iso-8859-2}{AC}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE
1797 \SE@MapDeclare{iso-8859-2}{AD}{00AD}% SOFT HYPHEN
1798 \SE@MapDeclare{iso-8859-2}{AE}{017D}% LATIN CAPITAL LETTER Z WITH CARON
1799 \SE@MapDeclare{iso-8859-2}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE
1800 \SE@MapDeclare{iso-8859-2}{B0}{00B0}% DEGREE SIGN
1801 \SE@MapDeclare{iso-8859-2}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK
1802 \SE@MapDeclare{iso-8859-2}{B2}{02DB}% OGONEK
1803 \SE@MapDeclare{iso-8859-2}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE
1804 \SE@MapDeclare{iso-8859-2}{B4}{00B4}% ACUTE ACCENT
1805 \SE@MapDeclare{iso-8859-2}{B5}{013E}% LATIN SMALL LETTER L WITH CARON
1806 \SE@MapDeclare{iso-8859-2}{B6}{015B}% LATIN SMALL LETTER S WITH ACUTE
1807 \SE@MapDeclare{iso-8859-2}{B7}{02C7}% CARON
1808 \SE@MapDeclare{iso-8859-2}{B8}{00B8}% CEDILLA
1809 \SE@MapDeclare{iso-8859-2}{B9}{0161}% LATIN SMALL LETTER S WITH CARON
1810 \SE@MapDeclare{iso-8859-2}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA
1811 \SE@MapDeclare{iso-8859-2}{BB}{0165}% LATIN SMALL LETTER T WITH CARON
1812 \SE@MapDeclare{iso-8859-2}{BC}{017A}% LATIN SMALL LETTER Z WITH ACUTE
1813 \SE@MapDeclare{iso-8859-2}{BD}{02DD}% DOUBLE ACUTE ACCENT
1814 \SE@MapDeclare{iso-8859-2}{BE}{017E}% LATIN SMALL LETTER Z WITH CARON
1815 \SE@MapDeclare{iso-8859-2}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE
1816 \SE@MapDeclare{iso-8859-2}{C0}{0154}% LATIN CAPITAL LETTER R WITH ACUTE
1817 \SE@MapDeclare{iso-8859-2}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE
1818 \SE@MapDeclare{iso-8859-2}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX
1819 \SE@MapDeclare{iso-8859-2}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE
1820 \SE@MapDeclare{iso-8859-2}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS
1821 \SE@MapDeclare{iso-8859-2}{C5}{0139}% LATIN CAPITAL LETTER L WITH ACUTE
1822 \SE@MapDeclare{iso-8859-2}{C6}{0106}% LATIN CAPITAL LETTER C WITH ACUTE
1823 \SE@MapDeclare{iso-8859-2}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA
1824 \SE@MapDeclare{iso-8859-2}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON
1825 \SE@MapDeclare{iso-8859-2}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE
1826 \SE@MapDeclare{iso-8859-2}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK
1827 \SE@MapDeclare{iso-8859-2}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS
1828 \SE@MapDeclare{iso-8859-2}{CC}{011A}% LATIN CAPITAL LETTER E WITH CARON
1829 \SE@MapDeclare{iso-8859-2}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE
1830 \SE@MapDeclare{iso-8859-2}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX
1831 \SE@MapDeclare{iso-8859-2}{CF}{010E}% LATIN CAPITAL LETTER D WITH CARON
1832 \SE@MapDeclare{iso-8859-2}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE

```

1833 \SE@MapDeclare{iso-8859-2}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 1834 \SE@MapDeclare{iso-8859-2}{D2}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 1835 \SE@MapDeclare{iso-8859-2}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 1836 \SE@MapDeclare{iso-8859-2}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 1837 \SE@MapDeclare{iso-8859-2}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 1838 \SE@MapDeclare{iso-8859-2}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 1839 \SE@MapDeclare{iso-8859-2}{D7}{00D7}% MULTIPLICATION SIGN  
 1840 \SE@MapDeclare{iso-8859-2}{D8}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 1841 \SE@MapDeclare{iso-8859-2}{D9}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 1842 \SE@MapDeclare{iso-8859-2}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 1843 \SE@MapDeclare{iso-8859-2}{DB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 1844 \SE@MapDeclare{iso-8859-2}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 1845 \SE@MapDeclare{iso-8859-2}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 1846 \SE@MapDeclare{iso-8859-2}{DE}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 1847 \SE@MapDeclare{iso-8859-2}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 1848 \SE@MapDeclare{iso-8859-2}{E0}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 1849 \SE@MapDeclare{iso-8859-2}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 1850 \SE@MapDeclare{iso-8859-2}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 1851 \SE@MapDeclare{iso-8859-2}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
 1852 \SE@MapDeclare{iso-8859-2}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 1853 \SE@MapDeclare{iso-8859-2}{E5}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 1854 \SE@MapDeclare{iso-8859-2}{E6}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 1855 \SE@MapDeclare{iso-8859-2}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 1856 \SE@MapDeclare{iso-8859-2}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 1857 \SE@MapDeclare{iso-8859-2}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 1858 \SE@MapDeclare{iso-8859-2}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 1859 \SE@MapDeclare{iso-8859-2}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 1860 \SE@MapDeclare{iso-8859-2}{EC}{011B}% LATIN SMALL LETTER E WITH CARON  
 1861 \SE@MapDeclare{iso-8859-2}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 1862 \SE@MapDeclare{iso-8859-2}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 1863 \SE@MapDeclare{iso-8859-2}{EF}{010F}% LATIN SMALL LETTER D WITH CARON  
 1864 \SE@MapDeclare{iso-8859-2}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 1865 \SE@MapDeclare{iso-8859-2}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 1866 \SE@MapDeclare{iso-8859-2}{F2}{0148}% LATIN SMALL LETTER N WITH CARON  
 1867 \SE@MapDeclare{iso-8859-2}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 1868 \SE@MapDeclare{iso-8859-2}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 1869 \SE@MapDeclare{iso-8859-2}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 1870 \SE@MapDeclare{iso-8859-2}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 1871 \SE@MapDeclare{iso-8859-2}{F7}{00F7}% DIVISION SIGN  
 1872 \SE@MapDeclare{iso-8859-2}{F8}{0159}% LATIN SMALL LETTER R WITH CARON  
 1873 \SE@MapDeclare{iso-8859-2}{F9}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 1874 \SE@MapDeclare{iso-8859-2}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 1875 \SE@MapDeclare{iso-8859-2}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 1876 \SE@MapDeclare{iso-8859-2}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 1877 \SE@MapDeclare{iso-8859-2}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 1878 \SE@MapDeclare{iso-8859-2}{FE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 1879 \SE@MapDeclare{iso-8859-2}{FF}{02D9}% DOT ABOVE  
 1880 \SE@MapDeclare{iso-8859-2}

### iso-8859-3

1881 \SE@MapDeclare{iso-8859-3}{A0}{00A0}% NO-BREAK SPACE  
 1882 \SE@MapDeclare{iso-8859-3}{A0}{00A0}% NO-BREAK SPACE  
 1883 \SE@MapDeclare{iso-8859-3}{A1}{0126}% LATIN CAPITAL LETTER H WITH STROKE  
 1884 \SE@MapDeclare{iso-8859-3}{A2}{02D8}% BREVE  
 1885 \SE@MapDeclare{iso-8859-3}{A3}{00A3}% POUND SIGN  
 1886 \SE@MapDeclare{iso-8859-3}{A4}{00A4}% CURRENCY SIGN  
 1887 \SE@MapDeclare{iso-8859-3}{A6}{0124}% LATIN CAPITAL LETTER H WITH CIRCUMFLEX  
 1888 \SE@MapDeclare{iso-8859-3}{A7}{00A7}% SECTION SIGN  
 1889 \SE@MapDeclare{iso-8859-3}{A8}{00A8}% DIAERESIS  
 1890 \SE@MapDeclare{iso-8859-3}{A9}{0130}% LATIN CAPITAL LETTER I WITH DOT ABOVE  
 1891 \SE@MapDeclare{iso-8859-3}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 1892 \SE@MapDeclare{iso-8859-3}{AB}{011E}% LATIN CAPITAL LETTER G WITH BREVE  
 1893 \SE@MapDeclare{iso-8859-3}{AC}{0134}% LATIN CAPITAL LETTER J WITH CIRCUMFLEX  
 1894 \SE@MapDeclare{iso-8859-3}{AD}{00AD}% SOFT HYPHEN  
 1895 \SE@MapDeclare{iso-8859-3}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 1896 \SE@MapDeclare{iso-8859-3}{B0}{00B0}% DEGREE SIGN  
 1897 \SE@MapDeclare{iso-8859-3}{B1}{0127}% LATIN SMALL LETTER H WITH STROKE  
 1898 \SE@MapDeclare{iso-8859-3}{B2}{00B2}% SUPERScript TWO  
 1899 \SE@MapDeclare{iso-8859-3}{B3}{00B3}% SUPERScript THREE  
 1900 \SE@MapDeclare{iso-8859-3}{B4}{00B4}% ACUTE ACCENT  
 1901 \SE@MapDeclare{iso-8859-3}{B5}{00B5}% MICRO SIGN  
 1902 \SE@MapDeclare{iso-8859-3}{B6}{0125}% LATIN SMALL LETTER H WITH CIRCUMFLEX  
 1903 \SE@MapDeclare{iso-8859-3}{B7}{00B7}% MIDDLE DOT  
 1904 \SE@MapDeclare{iso-8859-3}{B8}{00B8}% CEDILLA  
 1905 \SE@MapDeclare{iso-8859-3}{B9}{0131}% LATIN SMALL LETTER DOTLESS I  
 1906 \SE@MapDeclare{iso-8859-3}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 1907 \SE@MapDeclare{iso-8859-3}{BB}{011F}% LATIN SMALL LETTER G WITH BREVE  
 1908 \SE@MapDeclare{iso-8859-3}{BC}{0135}% LATIN SMALL LETTER J WITH CIRCUMFLEX  
 1909 \SE@MapDeclare{iso-8859-3}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 1910 \SE@MapDeclare{iso-8859-3}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 1911 \SE@MapDeclare{iso-8859-3}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 1912 \SE@MapDeclare{iso-8859-3}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 1913 \SE@MapDeclare{iso-8859-3}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 1914 \SE@MapDeclare{iso-8859-3}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS

1915 \SE@MapDeclare{iso-8859-3}{C5}{010A}% LATIN CAPITAL LETTER C WITH DOT ABOVE  
 1916 \SE@MapDeclare{iso-8859-3}{C6}{0108}% LATIN CAPITAL LETTER C WITH CIRCUMFLEX  
 1917 \SE@MapDeclare{iso-8859-3}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 1918 \SE@MapDeclare{iso-8859-3}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 1919 \SE@MapDeclare{iso-8859-3}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 1920 \SE@MapDeclare{iso-8859-3}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 1921 \SE@MapDeclare{iso-8859-3}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 1922 \SE@MapDeclare{iso-8859-3}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 1923 \SE@MapDeclare{iso-8859-3}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 1924 \SE@MapDeclare{iso-8859-3}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 1925 \SE@MapDeclare{iso-8859-3}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 1926 \SE@MapDeclare{iso-8859-3}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 1927 \SE@MapDeclare{iso-8859-3}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 1928 \SE@MapDeclare{iso-8859-3}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 1929 \SE@MapDeclare{iso-8859-3}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 1930 \SE@MapDeclare{iso-8859-3}{D5}{0120}% LATIN CAPITAL LETTER G WITH DOT ABOVE  
 1931 \SE@MapDeclare{iso-8859-3}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 1932 \SE@MapDeclare{iso-8859-3}{D7}{00D7}% MULTIPLICATION SIGN  
 1933 \SE@MapDeclare{iso-8859-3}{D8}{011C}% LATIN CAPITAL LETTER G WITH CIRCUMFLEX  
 1934 \SE@MapDeclare{iso-8859-3}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 1935 \SE@MapDeclare{iso-8859-3}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 1936 \SE@MapDeclare{iso-8859-3}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 1937 \SE@MapDeclare{iso-8859-3}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 1938 \SE@MapDeclare{iso-8859-3}{DD}{016C}% LATIN CAPITAL LETTER U WITH BREVE  
 1939 \SE@MapDeclare{iso-8859-3}{DE}{015C}% LATIN CAPITAL LETTER S WITH CIRCUMFLEX  
 1940 \SE@MapDeclare{iso-8859-3}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 1941 \SE@MapDeclare{iso-8859-3}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 1942 \SE@MapDeclare{iso-8859-3}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 1943 \SE@MapDeclare{iso-8859-3}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 1944 \SE@MapDeclare{iso-8859-3}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 1945 \SE@MapDeclare{iso-8859-3}{E5}{010B}% LATIN SMALL LETTER C WITH DOT ABOVE  
 1946 \SE@MapDeclare{iso-8859-3}{E6}{0109}% LATIN SMALL LETTER C WITH CIRCUMFLEX  
 1947 \SE@MapDeclare{iso-8859-3}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 1948 \SE@MapDeclare{iso-8859-3}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 1949 \SE@MapDeclare{iso-8859-3}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 1950 \SE@MapDeclare{iso-8859-3}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 1951 \SE@MapDeclare{iso-8859-3}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 1952 \SE@MapDeclare{iso-8859-3}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 1953 \SE@MapDeclare{iso-8859-3}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 1954 \SE@MapDeclare{iso-8859-3}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 1955 \SE@MapDeclare{iso-8859-3}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 1956 \SE@MapDeclare{iso-8859-3}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 1957 \SE@MapDeclare{iso-8859-3}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 1958 \SE@MapDeclare{iso-8859-3}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 1959 \SE@MapDeclare{iso-8859-3}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 1960 \SE@MapDeclare{iso-8859-3}{F5}{0121}% LATIN SMALL LETTER G WITH DOT ABOVE  
 1961 \SE@MapDeclare{iso-8859-3}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 1962 \SE@MapDeclare{iso-8859-3}{F7}{00F7}% DIVISION SIGN  
 1963 \SE@MapDeclare{iso-8859-3}{F8}{011D}% LATIN SMALL LETTER G WITH CIRCUMFLEX  
 1964 \SE@MapDeclare{iso-8859-3}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 1965 \SE@MapDeclare{iso-8859-3}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 1966 \SE@MapDeclare{iso-8859-3}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 1967 \SE@MapDeclare{iso-8859-3}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 1968 \SE@MapDeclare{iso-8859-3}{FD}{016D}% LATIN SMALL LETTER U WITH BREVE  
 1969 \SE@MapDeclare{iso-8859-3}{FE}{015D}% LATIN SMALL LETTER S WITH CIRCUMFLEX  
 1970 \SE@MapDeclare{iso-8859-3}{FF}{02D9}% DOT ABOVE  
 1971 </iso-8859-3>

## iso-8859-4

1972 <iso-8859-4>  
 1973 \SE@MapDeclare{iso-8859-4}{A0}{00A0}% NO-BREAK SPACE  
 1974 \SE@MapDeclare{iso-8859-4}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 1975 \SE@MapDeclare{iso-8859-4}{A2}{0138}% LATIN SMALL LETTER KRA  
 1976 \SE@MapDeclare{iso-8859-4}{A3}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 1977 \SE@MapDeclare{iso-8859-4}{A4}{00A4}% CURRENCY SIGN  
 1978 \SE@MapDeclare{iso-8859-4}{A5}{0128}% LATIN CAPITAL LETTER I WITH TILDE  
 1979 \SE@MapDeclare{iso-8859-4}{A6}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 1980 \SE@MapDeclare{iso-8859-4}{A7}{00A7}% SECTION SIGN  
 1981 \SE@MapDeclare{iso-8859-4}{A8}{00A8}% DIAERESIS  
 1982 \SE@MapDeclare{iso-8859-4}{A9}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 1983 \SE@MapDeclare{iso-8859-4}{AA}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 1984 \SE@MapDeclare{iso-8859-4}{AB}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 1985 \SE@MapDeclare{iso-8859-4}{AC}{0166}% LATIN CAPITAL LETTER T WITH STROKE  
 1986 \SE@MapDeclare{iso-8859-4}{AD}{00AD}% SOFT HYPHEN  
 1987 \SE@MapDeclare{iso-8859-4}{AE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 1988 \SE@MapDeclare{iso-8859-4}{AF}{00AF}% MACRON  
 1989 \SE@MapDeclare{iso-8859-4}{B0}{00B0}% DEGREE SIGN  
 1990 \SE@MapDeclare{iso-8859-4}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 1991 \SE@MapDeclare{iso-8859-4}{B2}{02DB}% OGONEK  
 1992 \SE@MapDeclare{iso-8859-4}{B3}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 1993 \SE@MapDeclare{iso-8859-4}{B4}{00B4}% ACUTE ACCENT  
 1994 \SE@MapDeclare{iso-8859-4}{B5}{0129}% LATIN SMALL LETTER I WITH TILDE  
 1995 \SE@MapDeclare{iso-8859-4}{B6}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 1996 \SE@MapDeclare{iso-8859-4}{B7}{02C7}% CARON

1997 \SE@MapDeclare{iso-8859-4}{B8}{00B8}% CEDILLA  
1998 \SE@MapDeclare{iso-8859-4}{B9}{0161}% LATIN SMALL LETTER S WITH CARON  
1999 \SE@MapDeclare{iso-8859-4}{BA}{0113}% LATIN SMALL LETTER E WITH MACRON  
2000 \SE@MapDeclare{iso-8859-4}{BB}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
2001 \SE@MapDeclare{iso-8859-4}{BC}{0167}% LATIN SMALL LETTER T WITH STROKE  
2002 \SE@MapDeclare{iso-8859-4}{BD}{014A}% LATIN CAPITAL LETTER ENG  
2003 \SE@MapDeclare{iso-8859-4}{BE}{017E}% LATIN SMALL LETTER Z WITH CARON  
2004 \SE@MapDeclare{iso-8859-4}{BF}{014B}% LATIN SMALL LETTER ENG  
2005 \SE@MapDeclare{iso-8859-4}{C0}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
2006 \SE@MapDeclare{iso-8859-4}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
2007 \SE@MapDeclare{iso-8859-4}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
2008 \SE@MapDeclare{iso-8859-4}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
2009 \SE@MapDeclare{iso-8859-4}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
2010 \SE@MapDeclare{iso-8859-4}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
2011 \SE@MapDeclare{iso-8859-4}{C6}{00C6}% LATIN CAPITAL LETTER AE  
2012 \SE@MapDeclare{iso-8859-4}{C7}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
2013 \SE@MapDeclare{iso-8859-4}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
2014 \SE@MapDeclare{iso-8859-4}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
2015 \SE@MapDeclare{iso-8859-4}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
2016 \SE@MapDeclare{iso-8859-4}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
2017 \SE@MapDeclare{iso-8859-4}{CC}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
2018 \SE@MapDeclare{iso-8859-4}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
2019 \SE@MapDeclare{iso-8859-4}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
2020 \SE@MapDeclare{iso-8859-4}{CF}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
2021 \SE@MapDeclare{iso-8859-4}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
2022 \SE@MapDeclare{iso-8859-4}{D1}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
2023 \SE@MapDeclare{iso-8859-4}{D2}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
2024 \SE@MapDeclare{iso-8859-4}{D3}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
2025 \SE@MapDeclare{iso-8859-4}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
2026 \SE@MapDeclare{iso-8859-4}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
2027 \SE@MapDeclare{iso-8859-4}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
2028 \SE@MapDeclare{iso-8859-4}{D7}{00D7}% MULTIPLICATION SIGN  
2029 \SE@MapDeclare{iso-8859-4}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
2030 \SE@MapDeclare{iso-8859-4}{D9}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
2031 \SE@MapDeclare{iso-8859-4}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
2032 \SE@MapDeclare{iso-8859-4}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2033 \SE@MapDeclare{iso-8859-4}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2034 \SE@MapDeclare{iso-8859-4}{DD}{0168}% LATIN CAPITAL LETTER U WITH TILDE  
2035 \SE@MapDeclare{iso-8859-4}{DE}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
2036 \SE@MapDeclare{iso-8859-4}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
2037 \SE@MapDeclare{iso-8859-4}{E0}{0101}% LATIN SMALL LETTER A WITH MACRON  
2038 \SE@MapDeclare{iso-8859-4}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2039 \SE@MapDeclare{iso-8859-4}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2040 \SE@MapDeclare{iso-8859-4}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
2041 \SE@MapDeclare{iso-8859-4}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2042 \SE@MapDeclare{iso-8859-4}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
2043 \SE@MapDeclare{iso-8859-4}{E6}{00E6}% LATIN SMALL LETTER AE  
2044 \SE@MapDeclare{iso-8859-4}{E7}{012F}% LATIN SMALL LETTER I WITH OGONEK  
2045 \SE@MapDeclare{iso-8859-4}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
2046 \SE@MapDeclare{iso-8859-4}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
2047 \SE@MapDeclare{iso-8859-4}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
2048 \SE@MapDeclare{iso-8859-4}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
2049 \SE@MapDeclare{iso-8859-4}{EC}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
2050 \SE@MapDeclare{iso-8859-4}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
2051 \SE@MapDeclare{iso-8859-4}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
2052 \SE@MapDeclare{iso-8859-4}{EF}{012B}% LATIN SMALL LETTER I WITH MACRON  
2053 \SE@MapDeclare{iso-8859-4}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
2054 \SE@MapDeclare{iso-8859-4}{F1}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
2055 \SE@MapDeclare{iso-8859-4}{F2}{014D}% LATIN SMALL LETTER O WITH MACRON  
2056 \SE@MapDeclare{iso-8859-4}{F3}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
2057 \SE@MapDeclare{iso-8859-4}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
2058 \SE@MapDeclare{iso-8859-4}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
2059 \SE@MapDeclare{iso-8859-4}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
2060 \SE@MapDeclare{iso-8859-4}{F7}{00F7}% DIVISION SIGN  
2061 \SE@MapDeclare{iso-8859-4}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
2062 \SE@MapDeclare{iso-8859-4}{F9}{0173}% LATIN SMALL LETTER U WITH OGONEK  
2063 \SE@MapDeclare{iso-8859-4}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
2064 \SE@MapDeclare{iso-8859-4}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
2065 \SE@MapDeclare{iso-8859-4}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
2066 \SE@MapDeclare{iso-8859-4}{FD}{0169}% LATIN SMALL LETTER U WITH TILDE  
2067 \SE@MapDeclare{iso-8859-4}{FE}{016B}% LATIN SMALL LETTER U WITH MACRON  
2068 \SE@MapDeclare{iso-8859-4}{FF}{02D9}% DOT ABOVE  
2069 </iso-8859-4>

## iso-8859-5

2070 <\*/iso-8859-5>  
2071 \SE@MapDeclare{iso-8859-5}{A0}{00A0}% NO-BREAK SPACE  
2072 \SE@MapDeclare{iso-8859-5}{A1}{0401}% CYRILLIC CAPITAL LETTER IO  
2073 \SE@MapDeclare{iso-8859-5}{A2}{0402}% CYRILLIC CAPITAL LETTER DJE  
2074 \SE@MapDeclare{iso-8859-5}{A3}{0403}% CYRILLIC CAPITAL LETTER GJE  
2075 \SE@MapDeclare{iso-8859-5}{A4}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
2076 \SE@MapDeclare{iso-8859-5}{A5}{0405}% CYRILLIC CAPITAL LETTER DZE  
2077 \SE@MapDeclare{iso-8859-5}{A6}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
2078 \SE@MapDeclare{iso-8859-5}{A7}{0407}% CYRILLIC CAPITAL LETTER YI

2079 \SE@MapDeclare{iso-8859-5}{A8}{0408}% CYRILLIC CAPITAL LETTER JE  
 2080 \SE@MapDeclare{iso-8859-5}{A9}{0409}% CYRILLIC CAPITAL LETTER LJE  
 2081 \SE@MapDeclare{iso-8859-5}{AA}{040A}% CYRILLIC CAPITAL LETTER NJE  
 2082 \SE@MapDeclare{iso-8859-5}{AB}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 2083 \SE@MapDeclare{iso-8859-5}{AC}{040C}% CYRILLIC CAPITAL LETTER KJE  
 2084 \SE@MapDeclare{iso-8859-5}{AD}{00AD}% SOFT HYPHEN  
 2085 \SE@MapDeclare{iso-8859-5}{AE}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 2086 \SE@MapDeclare{iso-8859-5}{AF}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 2087 \SE@MapDeclare{iso-8859-5}{B0}{0410}% CYRILLIC CAPITAL LETTER A  
 2088 \SE@MapDeclare{iso-8859-5}{B1}{0411}% CYRILLIC CAPITAL LETTER BE  
 2089 \SE@MapDeclare{iso-8859-5}{B2}{0412}% CYRILLIC CAPITAL LETTER VE  
 2090 \SE@MapDeclare{iso-8859-5}{B3}{0413}% CYRILLIC CAPITAL LETTER GHE  
 2091 \SE@MapDeclare{iso-8859-5}{B4}{0414}% CYRILLIC CAPITAL LETTER DE  
 2092 \SE@MapDeclare{iso-8859-5}{B5}{0415}% CYRILLIC CAPITAL LETTER IE  
 2093 \SE@MapDeclare{iso-8859-5}{B6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 2094 \SE@MapDeclare{iso-8859-5}{B7}{0417}% CYRILLIC CAPITAL LETTER ZE  
 2095 \SE@MapDeclare{iso-8859-5}{B8}{0418}% CYRILLIC CAPITAL LETTER I  
 2096 \SE@MapDeclare{iso-8859-5}{B9}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 2097 \SE@MapDeclare{iso-8859-5}{BA}{041A}% CYRILLIC CAPITAL LETTER KA  
 2098 \SE@MapDeclare{iso-8859-5}{BB}{041B}% CYRILLIC CAPITAL LETTER EL  
 2099 \SE@MapDeclare{iso-8859-5}{BC}{041C}% CYRILLIC CAPITAL LETTER EM  
 2100 \SE@MapDeclare{iso-8859-5}{BD}{041D}% CYRILLIC CAPITAL LETTER EN  
 2101 \SE@MapDeclare{iso-8859-5}{BE}{041E}% CYRILLIC CAPITAL LETTER O  
 2102 \SE@MapDeclare{iso-8859-5}{BF}{041F}% CYRILLIC CAPITAL LETTER PE  
 2103 \SE@MapDeclare{iso-8859-5}{C0}{0420}% CYRILLIC CAPITAL LETTER ER  
 2104 \SE@MapDeclare{iso-8859-5}{C1}{0421}% CYRILLIC CAPITAL LETTER ES  
 2105 \SE@MapDeclare{iso-8859-5}{C2}{0422}% CYRILLIC CAPITAL LETTER TE  
 2106 \SE@MapDeclare{iso-8859-5}{C3}{0423}% CYRILLIC CAPITAL LETTER U  
 2107 \SE@MapDeclare{iso-8859-5}{C4}{0424}% CYRILLIC CAPITAL LETTER EF  
 2108 \SE@MapDeclare{iso-8859-5}{C5}{0425}% CYRILLIC CAPITAL LETTER HA  
 2109 \SE@MapDeclare{iso-8859-5}{C6}{0426}% CYRILLIC CAPITAL LETTER TSE  
 2110 \SE@MapDeclare{iso-8859-5}{C7}{0427}% CYRILLIC CAPITAL LETTER CHE  
 2111 \SE@MapDeclare{iso-8859-5}{C8}{0428}% CYRILLIC CAPITAL LETTER SHA  
 2112 \SE@MapDeclare{iso-8859-5}{C9}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 2113 \SE@MapDeclare{iso-8859-5}{CA}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 2114 \SE@MapDeclare{iso-8859-5}{CB}{042B}% CYRILLIC CAPITAL LETTER YERU  
 2115 \SE@MapDeclare{iso-8859-5}{CC}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 2116 \SE@MapDeclare{iso-8859-5}{CD}{042D}% CYRILLIC CAPITAL LETTER E  
 2117 \SE@MapDeclare{iso-8859-5}{CE}{042E}% CYRILLIC CAPITAL LETTER YU  
 2118 \SE@MapDeclare{iso-8859-5}{CF}{042F}% CYRILLIC CAPITAL LETTER YA  
 2119 \SE@MapDeclare{iso-8859-5}{D0}{0430}% CYRILLIC SMALL LETTER A  
 2120 \SE@MapDeclare{iso-8859-5}{D1}{0431}% CYRILLIC SMALL LETTER BE  
 2121 \SE@MapDeclare{iso-8859-5}{D2}{0432}% CYRILLIC SMALL LETTER VE  
 2122 \SE@MapDeclare{iso-8859-5}{D3}{0433}% CYRILLIC SMALL LETTER GHE  
 2123 \SE@MapDeclare{iso-8859-5}{D4}{0434}% CYRILLIC SMALL LETTER DE  
 2124 \SE@MapDeclare{iso-8859-5}{D5}{0435}% CYRILLIC SMALL LETTER IE  
 2125 \SE@MapDeclare{iso-8859-5}{D6}{0436}% CYRILLIC SMALL LETTER ZHE  
 2126 \SE@MapDeclare{iso-8859-5}{D7}{0437}% CYRILLIC SMALL LETTER ZE  
 2127 \SE@MapDeclare{iso-8859-5}{D8}{0438}% CYRILLIC SMALL LETTER I  
 2128 \SE@MapDeclare{iso-8859-5}{D9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 2129 \SE@MapDeclare{iso-8859-5}{DA}{043A}% CYRILLIC SMALL LETTER KA  
 2130 \SE@MapDeclare{iso-8859-5}{DB}{043B}% CYRILLIC SMALL LETTER EL  
 2131 \SE@MapDeclare{iso-8859-5}{DC}{043C}% CYRILLIC SMALL LETTER EM  
 2132 \SE@MapDeclare{iso-8859-5}{DD}{043D}% CYRILLIC SMALL LETTER EN  
 2133 \SE@MapDeclare{iso-8859-5}{DE}{043E}% CYRILLIC SMALL LETTER O  
 2134 \SE@MapDeclare{iso-8859-5}{DF}{043F}% CYRILLIC SMALL LETTER PE  
 2135 \SE@MapDeclare{iso-8859-5}{E0}{0440}% CYRILLIC SMALL LETTER ER  
 2136 \SE@MapDeclare{iso-8859-5}{E1}{0441}% CYRILLIC SMALL LETTER ES  
 2137 \SE@MapDeclare{iso-8859-5}{E2}{0442}% CYRILLIC SMALL LETTER TE  
 2138 \SE@MapDeclare{iso-8859-5}{E3}{0443}% CYRILLIC SMALL LETTER U  
 2139 \SE@MapDeclare{iso-8859-5}{E4}{0444}% CYRILLIC SMALL LETTER EF  
 2140 \SE@MapDeclare{iso-8859-5}{E5}{0445}% CYRILLIC SMALL LETTER HA  
 2141 \SE@MapDeclare{iso-8859-5}{E6}{0446}% CYRILLIC SMALL LETTER TSE  
 2142 \SE@MapDeclare{iso-8859-5}{E7}{0447}% CYRILLIC SMALL LETTER CHE  
 2143 \SE@MapDeclare{iso-8859-5}{E8}{0448}% CYRILLIC SMALL LETTER SHA  
 2144 \SE@MapDeclare{iso-8859-5}{E9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 2145 \SE@MapDeclare{iso-8859-5}{EA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 2146 \SE@MapDeclare{iso-8859-5}{EB}{044B}% CYRILLIC SMALL LETTER YERU  
 2147 \SE@MapDeclare{iso-8859-5}{EC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 2148 \SE@MapDeclare{iso-8859-5}{ED}{044D}% CYRILLIC SMALL LETTER E  
 2149 \SE@MapDeclare{iso-8859-5}{EE}{044E}% CYRILLIC SMALL LETTER YU  
 2150 \SE@MapDeclare{iso-8859-5}{EF}{044F}% CYRILLIC SMALL LETTER YA  
 2151 \SE@MapDeclare{iso-8859-5}{F0}{2116}% NUMERO SIGN  
 2152 \SE@MapDeclare{iso-8859-5}{F1}{0451}% CYRILLIC SMALL LETTER IO  
 2153 \SE@MapDeclare{iso-8859-5}{F2}{0452}% CYRILLIC SMALL LETTER DJE  
 2154 \SE@MapDeclare{iso-8859-5}{F3}{0453}% CYRILLIC SMALL LETTER GJE  
 2155 \SE@MapDeclare{iso-8859-5}{F4}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 2156 \SE@MapDeclare{iso-8859-5}{F5}{0455}% CYRILLIC SMALL LETTER DZE  
 2157 \SE@MapDeclare{iso-8859-5}{F6}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 2158 \SE@MapDeclare{iso-8859-5}{F7}{0457}% CYRILLIC SMALL LETTER YI  
 2159 \SE@MapDeclare{iso-8859-5}{F8}{0458}% CYRILLIC SMALL LETTER JE  
 2160 \SE@MapDeclare{iso-8859-5}{F9}{0459}% CYRILLIC SMALL LETTER LJE  
 2161 \SE@MapDeclare{iso-8859-5}{FA}{045A}% CYRILLIC SMALL LETTER NJE  
 2162 \SE@MapDeclare{iso-8859-5}{FB}{045B}% CYRILLIC SMALL LETTER TSHE  
 2163 \SE@MapDeclare{iso-8859-5}{FC}{045C}% CYRILLIC SMALL LETTER KJE  
 2164 \SE@MapDeclare{iso-8859-5}{FD}{00A7}% SECTION SIGN

2165 \SE@MapDeclare{iso-8859-5}{FE}{045E}% CYRILLIC SMALL LETTER SHORT U  
 2166 \SE@MapDeclare{iso-8859-5}{FF}{045F}% CYRILLIC SMALL LETTER DZHE  
 2167 </iso-8859-5>

## iso-8859-6

2168 <\*iso-8859-6>  
 2169 \SE@MapDeclare{iso-8859-6}{A0}{00A0}% NO-BREAK SPACE  
 2170 \SE@MapDeclare{iso-8859-6}{A4}{00A4}% CURRENCY SIGN  
 2171 \SE@MapDeclare{iso-8859-6}{AC}{060C}% ARABIC COMMA  
 2172 \SE@MapDeclare{iso-8859-6}{AD}{00AD}% SOFT HYPHEN  
 2173 \SE@MapDeclare{iso-8859-6}{BB}{061B}% ARABIC SEMICOLON  
 2174 \SE@MapDeclare{iso-8859-6}{BF}{061F}% ARABIC QUESTION MARK  
 2175 \SE@MapDeclare{iso-8859-6}{C1}{0621}% ARABIC LETTER HAMZA  
 2176 \SE@MapDeclare{iso-8859-6}{C2}{0622}% ARABIC LETTER ALEF WITH MADDA ABOVE  
 2177 \SE@MapDeclare{iso-8859-6}{C3}{0623}% ARABIC LETTER ALEF WITH HAMZA ABOVE  
 2178 \SE@MapDeclare{iso-8859-6}{C4}{0624}% ARABIC LETTER WAW WITH HAMZA ABOVE  
 2179 \SE@MapDeclare{iso-8859-6}{C5}{0625}% ARABIC LETTER ALEF WITH HAMZA BELOW  
 2180 \SE@MapDeclare{iso-8859-6}{C6}{0626}% ARABIC LETTER YEH WITH HAMZA ABOVE  
 2181 \SE@MapDeclare{iso-8859-6}{C7}{0627}% ARABIC LETTER ALEF  
 2182 \SE@MapDeclare{iso-8859-6}{C8}{0628}% ARABIC LETTER BEH  
 2183 \SE@MapDeclare{iso-8859-6}{C9}{0629}% ARABIC LETTER TEH MARBUTA  
 2184 \SE@MapDeclare{iso-8859-6}{CA}{062A}% ARABIC LETTER TEH  
 2185 \SE@MapDeclare{iso-8859-6}{CB}{062B}% ARABIC LETTER THEH  
 2186 \SE@MapDeclare{iso-8859-6}{CC}{062C}% ARABIC LETTER JEEM  
 2187 \SE@MapDeclare{iso-8859-6}{CD}{062D}% ARABIC LETTER HAH  
 2188 \SE@MapDeclare{iso-8859-6}{CE}{062E}% ARABIC LETTER KHAH  
 2189 \SE@MapDeclare{iso-8859-6}{CF}{062F}% ARABIC LETTER DAL  
 2190 \SE@MapDeclare{iso-8859-6}{D0}{0630}% ARABIC LETTER THAL  
 2191 \SE@MapDeclare{iso-8859-6}{D1}{0631}% ARABIC LETTER REH  
 2192 \SE@MapDeclare{iso-8859-6}{D2}{0632}% ARABIC LETTER ZAIN  
 2193 \SE@MapDeclare{iso-8859-6}{D3}{0633}% ARABIC LETTER SEEN  
 2194 \SE@MapDeclare{iso-8859-6}{D4}{0634}% ARABIC LETTER SHEEN  
 2195 \SE@MapDeclare{iso-8859-6}{D5}{0635}% ARABIC LETTER SAD  
 2196 \SE@MapDeclare{iso-8859-6}{D6}{0636}% ARABIC LETTER DAD  
 2197 \SE@MapDeclare{iso-8859-6}{D7}{0637}% ARABIC LETTER TAH  
 2198 \SE@MapDeclare{iso-8859-6}{D8}{0638}% ARABIC LETTER ZAH  
 2199 \SE@MapDeclare{iso-8859-6}{D9}{0639}% ARABIC LETTER AIN  
 2200 \SE@MapDeclare{iso-8859-6}{DA}{063A}% ARABIC LETTER GHAIN  
 2201 \SE@MapDeclare{iso-8859-6}{E0}{0640}% ARABIC TATWEEL  
 2202 \SE@MapDeclare{iso-8859-6}{E1}{0641}% ARABIC LETTER FEH  
 2203 \SE@MapDeclare{iso-8859-6}{E2}{0642}% ARABIC LETTER QAF  
 2204 \SE@MapDeclare{iso-8859-6}{E3}{0643}% ARABIC LETTER KAF  
 2205 \SE@MapDeclare{iso-8859-6}{E4}{0644}% ARABIC LETTER LAM  
 2206 \SE@MapDeclare{iso-8859-6}{E5}{0645}% ARABIC LETTER MEEM  
 2207 \SE@MapDeclare{iso-8859-6}{E6}{0646}% ARABIC LETTER NOON  
 2208 \SE@MapDeclare{iso-8859-6}{E7}{0647}% ARABIC LETTER HEH  
 2209 \SE@MapDeclare{iso-8859-6}{E8}{0648}% ARABIC LETTER WAW  
 2210 \SE@MapDeclare{iso-8859-6}{E9}{0649}% ARABIC LETTER ALEF MAKSURA  
 2211 \SE@MapDeclare{iso-8859-6}{EA}{064A}% ARABIC LETTER YEH  
 2212 \SE@MapDeclare{iso-8859-6}{EB}{064B}% ARABIC FATHATAN  
 2213 \SE@MapDeclare{iso-8859-6}{EC}{064C}% ARABIC DAMMATAN  
 2214 \SE@MapDeclare{iso-8859-6}{ED}{064D}% ARABIC KASRATAN  
 2215 \SE@MapDeclare{iso-8859-6}{EE}{064E}% ARABIC FATHA  
 2216 \SE@MapDeclare{iso-8859-6}{EF}{064F}% ARABIC DAMMA  
 2217 \SE@MapDeclare{iso-8859-6}{F0}{0650}% ARABIC KASRA  
 2218 \SE@MapDeclare{iso-8859-6}{F1}{0651}% ARABIC SHADDA  
 2219 \SE@MapDeclare{iso-8859-6}{F2}{0652}% ARABIC SUKUN  
 2220 </iso-8859-6>

## iso-8859-7

2221 <\*iso-8859-7>  
 2222 \SE@MapDeclare{iso-8859-7}{A0}{00A0}% NO-BREAK SPACE  
 2223 \SE@MapDeclare{iso-8859-7}{A1}{2018}% LEFT SINGLE QUOTATION MARK  
 2224 \SE@MapDeclare{iso-8859-7}{A2}{2019}% RIGHT SINGLE QUOTATION MARK  
 2225 \SE@MapDeclare{iso-8859-7}{A3}{00A3}% POUND SIGN  
 2226 \SE@MapDeclare{iso-8859-7}{A4}{20AC}% EURO SIGN  
 2227 \SE@MapDeclare{iso-8859-7}{A5}{20AF}% DRACHMA SIGN  
 2228 \SE@MapDeclare{iso-8859-7}{A6}{00A6}% BROKEN BAR  
 2229 \SE@MapDeclare{iso-8859-7}{A7}{00A7}% SECTION SIGN  
 2230 \SE@MapDeclare{iso-8859-7}{A8}{00A8}% DIAERESIS  
 2231 \SE@MapDeclare{iso-8859-7}{A9}{00A9}% COPYRIGHT SIGN  
 2232 \SE@MapDeclare{iso-8859-7}{AA}{037A}% GREEK YPOGEGRAMMENI  
 2233 \SE@MapDeclare{iso-8859-7}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2234 \SE@MapDeclare{iso-8859-7}{AC}{00AC}% NOT SIGN  
 2235 \SE@MapDeclare{iso-8859-7}{AD}{00AD}% SOFT HYPHEN  
 2236 \SE@MapDeclare{iso-8859-7}{AF}{2015}% HORIZONTAL BAR  
 2237 \SE@MapDeclare{iso-8859-7}{B0}{00B0}% DEGREE SIGN  
 2238 \SE@MapDeclare{iso-8859-7}{B1}{00B1}% PLUS-MINUS SIGN  
 2239 \SE@MapDeclare{iso-8859-7}{B2}{00B2}% SUPERSCRIT TWO  
 2240 \SE@MapDeclare{iso-8859-7}{B3}{00B3}% SUPERSCRIT THREE  
 2241 \SE@MapDeclare{iso-8859-7}{B4}{0384}% GREEK TONOS  
 2242 \SE@MapDeclare{iso-8859-7}{B5}{0385}% GREEK DIALYTIKA TONOS  
 2243 \SE@MapDeclare{iso-8859-7}{B6}{0386}% GREEK CAPITAL LETTER ALPHA WITH TONOS



2244 \SE@MapDeclare{iso-8859-7}{B7}{00B7}% MIDDLE DOT  
 2245 \SE@MapDeclare{iso-8859-7}{B8}{0388}% GREEK CAPITAL LETTER EPSILON WITH TONOS  
 2246 \SE@MapDeclare{iso-8859-7}{B9}{0389}% GREEK CAPITAL LETTER ETA WITH TONOS  
 2247 \SE@MapDeclare{iso-8859-7}{BA}{038A}% GREEK CAPITAL LETTER IOTA WITH TONOS  
 2248 \SE@MapDeclare{iso-8859-7}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2249 \SE@MapDeclare{iso-8859-7}{BC}{038C}% GREEK CAPITAL LETTER OMICRON WITH TONOS  
 2250 \SE@MapDeclare{iso-8859-7}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2251 \SE@MapDeclare{iso-8859-7}{BE}{038E}% GREEK CAPITAL LETTER UPSILON WITH TONOS  
 2252 \SE@MapDeclare{iso-8859-7}{BF}{038F}% GREEK CAPITAL LETTER OMEGA WITH TONOS  
 2253 \SE@MapDeclare{iso-8859-7}{C0}{0390}% GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS  
 2254 \SE@MapDeclare{iso-8859-7}{C1}{0391}% GREEK CAPITAL LETTER ALPHA  
 2255 \SE@MapDeclare{iso-8859-7}{C2}{0392}% GREEK CAPITAL LETTER BETA  
 2256 \SE@MapDeclare{iso-8859-7}{C3}{0393}% GREEK CAPITAL LETTER GAMMA  
 2257 \SE@MapDeclare{iso-8859-7}{C4}{0394}% GREEK CAPITAL LETTER DELTA  
 2258 \SE@MapDeclare{iso-8859-7}{C5}{0395}% GREEK CAPITAL LETTER EPSILON  
 2259 \SE@MapDeclare{iso-8859-7}{C6}{0396}% GREEK CAPITAL LETTER ZETA  
 2260 \SE@MapDeclare{iso-8859-7}{C7}{0397}% GREEK CAPITAL LETTER ETA  
 2261 \SE@MapDeclare{iso-8859-7}{C8}{0398}% GREEK CAPITAL LETTER THETA  
 2262 \SE@MapDeclare{iso-8859-7}{C9}{0399}% GREEK CAPITAL LETTER IOTA  
 2263 \SE@MapDeclare{iso-8859-7}{CA}{039A}% GREEK CAPITAL LETTER KAPPA  
 2264 \SE@MapDeclare{iso-8859-7}{CB}{039B}% GREEK CAPITAL LETTER LAMDA  
 2265 \SE@MapDeclare{iso-8859-7}{CC}{039C}% GREEK CAPITAL LETTER MU  
 2266 \SE@MapDeclare{iso-8859-7}{CD}{039D}% GREEK CAPITAL LETTER NU  
 2267 \SE@MapDeclare{iso-8859-7}{CE}{039E}% GREEK CAPITAL LETTER XI  
 2268 \SE@MapDeclare{iso-8859-7}{CF}{039F}% GREEK CAPITAL LETTER OMICRON  
 2269 \SE@MapDeclare{iso-8859-7}{D0}{03A0}% GREEK CAPITAL LETTER PI  
 2270 \SE@MapDeclare{iso-8859-7}{D1}{03A1}% GREEK CAPITAL LETTER RHO  
 2271 \SE@MapDeclare{iso-8859-7}{D3}{03A3}% GREEK CAPITAL LETTER SIGMA  
 2272 \SE@MapDeclare{iso-8859-7}{D4}{03A4}% GREEK CAPITAL LETTER TAU  
 2273 \SE@MapDeclare{iso-8859-7}{D5}{03A5}% GREEK CAPITAL LETTER UPSILON  
 2274 \SE@MapDeclare{iso-8859-7}{D6}{03A6}% GREEK CAPITAL LETTER PHI  
 2275 \SE@MapDeclare{iso-8859-7}{D7}{03A7}% GREEK CAPITAL LETTER CHI  
 2276 \SE@MapDeclare{iso-8859-7}{D8}{03A8}% GREEK CAPITAL LETTER PSI  
 2277 \SE@MapDeclare{iso-8859-7}{D9}{03A9}% GREEK CAPITAL LETTER OMEGA  
 2278 \SE@MapDeclare{iso-8859-7}{DA}{03AA}% GREEK CAPITAL LETTER IOTA WITH DIALYTIKA  
 2279 \SE@MapDeclare{iso-8859-7}{DB}{03AB}% GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA  
 2280 \SE@MapDeclare{iso-8859-7}{DC}{03AC}% GREEK SMALL LETTER ALPHA WITH TONOS  
 2281 \SE@MapDeclare{iso-8859-7}{DD}{03AD}% GREEK SMALL LETTER EPSILON WITH TONOS  
 2282 \SE@MapDeclare{iso-8859-7}{DE}{03AE}% GREEK SMALL LETTER ETA WITH TONOS  
 2283 \SE@MapDeclare{iso-8859-7}{DF}{03AF}% GREEK SMALL LETTER IOTA WITH TONOS  
 2284 \SE@MapDeclare{iso-8859-7}{E0}{03B0}% GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS  
 2285 \SE@MapDeclare{iso-8859-7}{E1}{03B1}% GREEK SMALL LETTER ALPHA  
 2286 \SE@MapDeclare{iso-8859-7}{E2}{03B2}% GREEK SMALL LETTER BETA  
 2287 \SE@MapDeclare{iso-8859-7}{E3}{03B3}% GREEK SMALL LETTER GAMMA  
 2288 \SE@MapDeclare{iso-8859-7}{E4}{03B4}% GREEK SMALL LETTER DELTA  
 2289 \SE@MapDeclare{iso-8859-7}{E5}{03B5}% GREEK SMALL LETTER EPSILON  
 2290 \SE@MapDeclare{iso-8859-7}{E6}{03B6}% GREEK SMALL LETTER ZETA  
 2291 \SE@MapDeclare{iso-8859-7}{E7}{03B7}% GREEK SMALL LETTER ETA  
 2292 \SE@MapDeclare{iso-8859-7}{E8}{03B8}% GREEK SMALL LETTER THETA  
 2293 \SE@MapDeclare{iso-8859-7}{E9}{03B9}% GREEK SMALL LETTER IOTA  
 2294 \SE@MapDeclare{iso-8859-7}{EA}{03BA}% GREEK SMALL LETTER KAPPA  
 2295 \SE@MapDeclare{iso-8859-7}{EB}{03BB}% GREEK SMALL LETTER LAMDA  
 2296 \SE@MapDeclare{iso-8859-7}{EC}{03BC}% GREEK SMALL LETTER MU  
 2297 \SE@MapDeclare{iso-8859-7}{ED}{03BD}% GREEK SMALL LETTER NU  
 2298 \SE@MapDeclare{iso-8859-7}{EE}{03BE}% GREEK SMALL LETTER XI  
 2299 \SE@MapDeclare{iso-8859-7}{EF}{03BF}% GREEK SMALL LETTER OMICRON  
 2300 \SE@MapDeclare{iso-8859-7}{F0}{03C0}% GREEK SMALL LETTER PI  
 2301 \SE@MapDeclare{iso-8859-7}{F1}{03C1}% GREEK SMALL LETTER RHO  
 2302 \SE@MapDeclare{iso-8859-7}{F2}{03C2}% GREEK SMALL LETTER FINAL SIGMA  
 2303 \SE@MapDeclare{iso-8859-7}{F3}{03C3}% GREEK SMALL LETTER SIGMA  
 2304 \SE@MapDeclare{iso-8859-7}{F4}{03C4}% GREEK SMALL LETTER TAU  
 2305 \SE@MapDeclare{iso-8859-7}{F5}{03C5}% GREEK SMALL LETTER UPSILON  
 2306 \SE@MapDeclare{iso-8859-7}{F6}{03C6}% GREEK SMALL LETTER PHI  
 2307 \SE@MapDeclare{iso-8859-7}{F7}{03C7}% GREEK SMALL LETTER CHI  
 2308 \SE@MapDeclare{iso-8859-7}{F8}{03C8}% GREEK SMALL LETTER PSI  
 2309 \SE@MapDeclare{iso-8859-7}{F9}{03C9}% GREEK SMALL LETTER OMEGA  
 2310 \SE@MapDeclare{iso-8859-7}{FA}{03CA}% GREEK SMALL LETTER IOTA WITH DIALYTIKA  
 2311 \SE@MapDeclare{iso-8859-7}{FB}{03CB}% GREEK SMALL LETTER UPSILON WITH DIALYTIKA  
 2312 \SE@MapDeclare{iso-8859-7}{FC}{03CC}% GREEK SMALL LETTER OMICRON WITH TONOS  
 2313 \SE@MapDeclare{iso-8859-7}{FD}{03CD}% GREEK SMALL LETTER UPSILON WITH TONOS  
 2314 \SE@MapDeclare{iso-8859-7}{FE}{03CE}% GREEK SMALL LETTER OMEGA WITH TONOS  
 2315 \SE@MapDeclare{iso-8859-7}{}

## iso-8859-8

2316 (\*iso-8859-8)  
 2317 \SE@MapDeclare{iso-8859-8}{A0}{00A0}% NO-BREAK SPACE  
 2318 \SE@MapDeclare{iso-8859-8}{A2}{00A2}% CENT SIGN  
 2319 \SE@MapDeclare{iso-8859-8}{A3}{00A3}% POUND SIGN  
 2320 \SE@MapDeclare{iso-8859-8}{A4}{00A4}% CURRENCY SIGN  
 2321 \SE@MapDeclare{iso-8859-8}{A5}{00A5}% YEN SIGN  
 2322 \SE@MapDeclare{iso-8859-8}{A6}{00A6}% BROKEN BAR  
 2323 \SE@MapDeclare{iso-8859-8}{A7}{00A7}% SECTION SIGN  
 2324 \SE@MapDeclare{iso-8859-8}{A8}{00A8}% DIAERESIS  
 2325 \SE@MapDeclare{iso-8859-8}{A9}{00A9}% COPYRIGHT SIGN

2326 \SE@MapDeclare{iso-8859-8}{AA}{00D7}% MULTIPLICATION SIGN  
 2327 \SE@MapDeclare{iso-8859-8}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2328 \SE@MapDeclare{iso-8859-8}{AC}{00AC}% NOT SIGN  
 2329 \SE@MapDeclare{iso-8859-8}{AD}{00AD}% SOFT HYPHEN  
 2330 \SE@MapDeclare{iso-8859-8}{AE}{00AE}% REGISTERED SIGN  
 2331 \SE@MapDeclare{iso-8859-8}{AF}{00AF}% MACRON  
 2332 \SE@MapDeclare{iso-8859-8}{B0}{00B0}% DEGREE SIGN  
 2333 \SE@MapDeclare{iso-8859-8}{B1}{00B1}% PLUS-MINUS SIGN  
 2334 \SE@MapDeclare{iso-8859-8}{B2}{00B2}% SUPERSCRIT TWO  
 2335 \SE@MapDeclare{iso-8859-8}{B3}{00B3}% SUPERSCRIT THREE  
 2336 \SE@MapDeclare{iso-8859-8}{B4}{00B4}% ACUTE ACCENT  
 2337 \SE@MapDeclare{iso-8859-8}{B5}{00B5}% MICRO SIGN  
 2338 \SE@MapDeclare{iso-8859-8}{B6}{00B6}% PILCROW SIGN  
 2339 \SE@MapDeclare{iso-8859-8}{B7}{00B7}% MIDDLE DOT  
 2340 \SE@MapDeclare{iso-8859-8}{B8}{00B8}% CEDILLA  
 2341 \SE@MapDeclare{iso-8859-8}{B9}{00B9}% SUPERSCRIT ONE  
 2342 \SE@MapDeclare{iso-8859-8}{BA}{00F7}% DIVISION SIGN  
 2343 \SE@MapDeclare{iso-8859-8}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2344 \SE@MapDeclare{iso-8859-8}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2345 \SE@MapDeclare{iso-8859-8}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2346 \SE@MapDeclare{iso-8859-8}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2347 \SE@MapDeclare{iso-8859-8}{DF}{2017}% DOUBLE LOW LINE  
 2348 \SE@MapDeclare{iso-8859-8}{E0}{05D0}% HEBREW LETTER ALEF  
 2349 \SE@MapDeclare{iso-8859-8}{E1}{05D1}% HEBREW LETTER BET  
 2350 \SE@MapDeclare{iso-8859-8}{E2}{05D2}% HEBREW LETTER GIMEL  
 2351 \SE@MapDeclare{iso-8859-8}{E3}{05D3}% HEBREW LETTER DALET  
 2352 \SE@MapDeclare{iso-8859-8}{E4}{05D4}% HEBREW LETTER HE  
 2353 \SE@MapDeclare{iso-8859-8}{E5}{05D5}% HEBREW LETTER VAV  
 2354 \SE@MapDeclare{iso-8859-8}{E6}{05D6}% HEBREW LETTER ZAYIN  
 2355 \SE@MapDeclare{iso-8859-8}{E7}{05D7}% HEBREW LETTER HET  
 2356 \SE@MapDeclare{iso-8859-8}{E8}{05D8}% HEBREW LETTER TET  
 2357 \SE@MapDeclare{iso-8859-8}{E9}{05D9}% HEBREW LETTER YOD  
 2358 \SE@MapDeclare{iso-8859-8}{EA}{05DA}% HEBREW LETTER FINAL KAF  
 2359 \SE@MapDeclare{iso-8859-8}{EB}{05DB}% HEBREW LETTER KAF  
 2360 \SE@MapDeclare{iso-8859-8}{EC}{05DC}% HEBREW LETTER LAMED  
 2361 \SE@MapDeclare{iso-8859-8}{ED}{05DD}% HEBREW LETTER FINAL MEM  
 2362 \SE@MapDeclare{iso-8859-8}{EE}{05DE}% HEBREW LETTER MEM  
 2363 \SE@MapDeclare{iso-8859-8}{EF}{05DF}% HEBREW LETTER FINAL NUN  
 2364 \SE@MapDeclare{iso-8859-8}{F0}{05E0}% HEBREW LETTER NUN  
 2365 \SE@MapDeclare{iso-8859-8}{F1}{05E1}% HEBREW LETTER SAMEKH  
 2366 \SE@MapDeclare{iso-8859-8}{F2}{05E2}% HEBREW LETTER AYIN  
 2367 \SE@MapDeclare{iso-8859-8}{F3}{05E3}% HEBREW LETTER FINAL PE  
 2368 \SE@MapDeclare{iso-8859-8}{F4}{05E4}% HEBREW LETTER PE  
 2369 \SE@MapDeclare{iso-8859-8}{F5}{05E5}% HEBREW LETTER FINAL TSADI  
 2370 \SE@MapDeclare{iso-8859-8}{F6}{05E6}% HEBREW LETTER TSADI  
 2371 \SE@MapDeclare{iso-8859-8}{F7}{05E7}% HEBREW LETTER QOF  
 2372 \SE@MapDeclare{iso-8859-8}{F8}{05E8}% HEBREW LETTER RESH  
 2373 \SE@MapDeclare{iso-8859-8}{F9}{05E9}% HEBREW LETTER SHIN  
 2374 \SE@MapDeclare{iso-8859-8}{FA}{05EA}% HEBREW LETTER TAV  
 2375 \SE@MapDeclare{iso-8859-8}{FD}{200E}% LEFT-TO-RIGHT MARK  
 2376 \SE@MapDeclare{iso-8859-8}{FE}{200F}% RIGHT-TO-LEFT MARK  
 2377 (/iso-8859-8)

## iso-8859-9

2378 (\*iso-8859-9)  
 2379 \SE@MapDeclare{iso-8859-9}{A0}{00A0}% NO-BREAK SPACE  
 2380 \SE@MapDeclare{iso-8859-9}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 2381 \SE@MapDeclare{iso-8859-9}{A2}{00A2}% CENT SIGN  
 2382 \SE@MapDeclare{iso-8859-9}{A3}{00A3}% POUND SIGN  
 2383 \SE@MapDeclare{iso-8859-9}{A4}{00A4}% CURRENCY SIGN  
 2384 \SE@MapDeclare{iso-8859-9}{A5}{00A5}% YEN SIGN  
 2385 \SE@MapDeclare{iso-8859-9}{A6}{00A6}% BROKEN BAR  
 2386 \SE@MapDeclare{iso-8859-9}{A7}{00A7}% SECTION SIGN  
 2387 \SE@MapDeclare{iso-8859-9}{A8}{00A8}% DIAERESIS  
 2388 \SE@MapDeclare{iso-8859-9}{A9}{00A9}% COPYRIGHT SIGN  
 2389 \SE@MapDeclare{iso-8859-9}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
 2390 \SE@MapDeclare{iso-8859-9}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2391 \SE@MapDeclare{iso-8859-9}{AC}{00AC}% NOT SIGN  
 2392 \SE@MapDeclare{iso-8859-9}{AD}{00AD}% SOFT HYPHEN  
 2393 \SE@MapDeclare{iso-8859-9}{AE}{00AE}% REGISTERED SIGN  
 2394 \SE@MapDeclare{iso-8859-9}{AF}{00AF}% MACRON  
 2395 \SE@MapDeclare{iso-8859-9}{B0}{00B0}% DEGREE SIGN  
 2396 \SE@MapDeclare{iso-8859-9}{B1}{00B1}% PLUS-MINUS SIGN  
 2397 \SE@MapDeclare{iso-8859-9}{B2}{00B2}% SUPERSCRIT TWO  
 2398 \SE@MapDeclare{iso-8859-9}{B3}{00B3}% SUPERSCRIT THREE  
 2399 \SE@MapDeclare{iso-8859-9}{B4}{00B4}% ACUTE ACCENT  
 2400 \SE@MapDeclare{iso-8859-9}{B5}{00B5}% MICRO SIGN  
 2401 \SE@MapDeclare{iso-8859-9}{B6}{00B6}% PILCROW SIGN  
 2402 \SE@MapDeclare{iso-8859-9}{B7}{00B7}% MIDDLE DOT  
 2403 \SE@MapDeclare{iso-8859-9}{B8}{00B8}% CEDILLA  
 2404 \SE@MapDeclare{iso-8859-9}{B9}{00B9}% SUPERSCRIT ONE  
 2405 \SE@MapDeclare{iso-8859-9}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
 2406 \SE@MapDeclare{iso-8859-9}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2407 \SE@MapDeclare{iso-8859-9}{BC}{00BC}% VULGAR FRACTION ONE QUARTER

2408 \SE@MapDeclare{iso-8859-9}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2409 \SE@MapDeclare{iso-8859-9}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2410 \SE@MapDeclare{iso-8859-9}{BF}{00BF}% INVERTED QUESTION MARK  
 2411 \SE@MapDeclare{iso-8859-9}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2412 \SE@MapDeclare{iso-8859-9}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2413 \SE@MapDeclare{iso-8859-9}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2414 \SE@MapDeclare{iso-8859-9}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2415 \SE@MapDeclare{iso-8859-9}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2416 \SE@MapDeclare{iso-8859-9}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2417 \SE@MapDeclare{iso-8859-9}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2418 \SE@MapDeclare{iso-8859-9}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2419 \SE@MapDeclare{iso-8859-9}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2420 \SE@MapDeclare{iso-8859-9}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2421 \SE@MapDeclare{iso-8859-9}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2422 \SE@MapDeclare{iso-8859-9}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2423 \SE@MapDeclare{iso-8859-9}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2424 \SE@MapDeclare{iso-8859-9}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2425 \SE@MapDeclare{iso-8859-9}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2426 \SE@MapDeclare{iso-8859-9}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2427 \SE@MapDeclare{iso-8859-9}{D0}{011E}% LATIN CAPITAL LETTER G WITH BREVE  
 2428 \SE@MapDeclare{iso-8859-9}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2429 \SE@MapDeclare{iso-8859-9}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2430 \SE@MapDeclare{iso-8859-9}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2431 \SE@MapDeclare{iso-8859-9}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2432 \SE@MapDeclare{iso-8859-9}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2433 \SE@MapDeclare{iso-8859-9}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2434 \SE@MapDeclare{iso-8859-9}{D7}{00D7}% MULTIPLICATION SIGN  
 2435 \SE@MapDeclare{iso-8859-9}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2436 \SE@MapDeclare{iso-8859-9}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2437 \SE@MapDeclare{iso-8859-9}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2438 \SE@MapDeclare{iso-8859-9}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2439 \SE@MapDeclare{iso-8859-9}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2440 \SE@MapDeclare{iso-8859-9}{DD}{0130}% LATIN CAPITAL LETTER I WITH DOT ABOVE  
 2441 \SE@MapDeclare{iso-8859-9}{DE}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 2442 \SE@MapDeclare{iso-8859-9}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2443 \SE@MapDeclare{iso-8859-9}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 2444 \SE@MapDeclare{iso-8859-9}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2445 \SE@MapDeclare{iso-8859-9}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2446 \SE@MapDeclare{iso-8859-9}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2447 \SE@MapDeclare{iso-8859-9}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2448 \SE@MapDeclare{iso-8859-9}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2449 \SE@MapDeclare{iso-8859-9}{E6}{00E6}% LATIN SMALL LETTER AE  
 2450 \SE@MapDeclare{iso-8859-9}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 2451 \SE@MapDeclare{iso-8859-9}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 2452 \SE@MapDeclare{iso-8859-9}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2453 \SE@MapDeclare{iso-8859-9}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 2454 \SE@MapDeclare{iso-8859-9}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2455 \SE@MapDeclare{iso-8859-9}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 2456 \SE@MapDeclare{iso-8859-9}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2457 \SE@MapDeclare{iso-8859-9}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2458 \SE@MapDeclare{iso-8859-9}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2459 \SE@MapDeclare{iso-8859-9}{F0}{011F}% LATIN SMALL LETTER G WITH BREVE  
 2460 \SE@MapDeclare{iso-8859-9}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 2461 \SE@MapDeclare{iso-8859-9}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 2462 \SE@MapDeclare{iso-8859-9}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2463 \SE@MapDeclare{iso-8859-9}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2464 \SE@MapDeclare{iso-8859-9}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2465 \SE@MapDeclare{iso-8859-9}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2466 \SE@MapDeclare{iso-8859-9}{F7}{00F7}% DIVISION SIGN  
 2467 \SE@MapDeclare{iso-8859-9}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2468 \SE@MapDeclare{iso-8859-9}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2469 \SE@MapDeclare{iso-8859-9}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2470 \SE@MapDeclare{iso-8859-9}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2471 \SE@MapDeclare{iso-8859-9}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2472 \SE@MapDeclare{iso-8859-9}{FD}{0131}% LATIN SMALL LETTER DOTLESS I  
 2473 \SE@MapDeclare{iso-8859-9}{FE}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 2474 \SE@MapDeclare{iso-8859-9}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2475 </iso-8859-9>

## iso-8859-10

2476 (\*iso-8859-10)  
 2477 \SE@MapDeclare{iso-8859-10}{A0}{00A0}% NO-BREAK SPACE  
 2478 \SE@MapDeclare{iso-8859-10}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2479 \SE@MapDeclare{iso-8859-10}{A2}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 2480 \SE@MapDeclare{iso-8859-10}{A3}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 2481 \SE@MapDeclare{iso-8859-10}{A4}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 2482 \SE@MapDeclare{iso-8859-10}{A5}{0128}% LATIN CAPITAL LETTER I WITH TILDE  
 2483 \SE@MapDeclare{iso-8859-10}{A6}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 2484 \SE@MapDeclare{iso-8859-10}{A7}{00A7}% SECTION SIGN  
 2485 \SE@MapDeclare{iso-8859-10}{A8}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 2486 \SE@MapDeclare{iso-8859-10}{A9}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 2487 \SE@MapDeclare{iso-8859-10}{AA}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2488 \SE@MapDeclare{iso-8859-10}{AB}{0166}% LATIN CAPITAL LETTER T WITH STROKE  
 2489 \SE@MapDeclare{iso-8859-10}{AC}{017D}% LATIN CAPITAL LETTER Z WITH CARON

2490 \SE@MapDeclare{iso-8859-10}{AD}{00AD}% SOFT HYPHEN  
 2491 \SE@MapDeclare{iso-8859-10}{AE}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 2492 \SE@MapDeclare{iso-8859-10}{AF}{014A}% LATIN CAPITAL LETTER ENG  
 2493 \SE@MapDeclare{iso-8859-10}{B0}{00B0}% DEGREE SIGN  
 2494 \SE@MapDeclare{iso-8859-10}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2495 \SE@MapDeclare{iso-8859-10}{B2}{0113}% LATIN SMALL LETTER E WITH MACRON  
 2496 \SE@MapDeclare{iso-8859-10}{B3}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 2497 \SE@MapDeclare{iso-8859-10}{B4}{012B}% LATIN SMALL LETTER I WITH MACRON  
 2498 \SE@MapDeclare{iso-8859-10}{B5}{0129}% LATIN SMALL LETTER I WITH TILDE  
 2499 \SE@MapDeclare{iso-8859-10}{B6}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2500 \SE@MapDeclare{iso-8859-10}{B7}{00B7}% MIDDLE DOT  
 2501 \SE@MapDeclare{iso-8859-10}{B8}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 2502 \SE@MapDeclare{iso-8859-10}{B9}{0111}% LATIN SMALL LETTER D WITH STROKE  
 2503 \SE@MapDeclare{iso-8859-10}{BA}{0161}% LATIN SMALL LETTER S WITH CARON  
 2504 \SE@MapDeclare{iso-8859-10}{BB}{0167}% LATIN SMALL LETTER T WITH STROKE  
 2505 \SE@MapDeclare{iso-8859-10}{BC}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2506 \SE@MapDeclare{iso-8859-10}{BD}{2015}% HORIZONTAL BAR  
 2507 \SE@MapDeclare{iso-8859-10}{BE}{016B}% LATIN SMALL LETTER U WITH MACRON  
 2508 \SE@MapDeclare{iso-8859-10}{BF}{014B}% LATIN SMALL LETTER ENG  
 2509 \SE@MapDeclare{iso-8859-10}{C0}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 2510 \SE@MapDeclare{iso-8859-10}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2511 \SE@MapDeclare{iso-8859-10}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2512 \SE@MapDeclare{iso-8859-10}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2513 \SE@MapDeclare{iso-8859-10}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2514 \SE@MapDeclare{iso-8859-10}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2515 \SE@MapDeclare{iso-8859-10}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2516 \SE@MapDeclare{iso-8859-10}{C7}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 2517 \SE@MapDeclare{iso-8859-10}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2518 \SE@MapDeclare{iso-8859-10}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2519 \SE@MapDeclare{iso-8859-10}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 2520 \SE@MapDeclare{iso-8859-10}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2521 \SE@MapDeclare{iso-8859-10}{CC}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 2522 \SE@MapDeclare{iso-8859-10}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2523 \SE@MapDeclare{iso-8859-10}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2524 \SE@MapDeclare{iso-8859-10}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2525 \SE@MapDeclare{iso-8859-10}{D0}{00D0}% LATIN CAPITAL LETTER ETH (Icelandic)  
 2526 \SE@MapDeclare{iso-8859-10}{D1}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 2527 \SE@MapDeclare{iso-8859-10}{D2}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 2528 \SE@MapDeclare{iso-8859-10}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2529 \SE@MapDeclare{iso-8859-10}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2530 \SE@MapDeclare{iso-8859-10}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2531 \SE@MapDeclare{iso-8859-10}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2532 \SE@MapDeclare{iso-8859-10}{D7}{0168}% LATIN CAPITAL LETTER U WITH TILDE  
 2533 \SE@MapDeclare{iso-8859-10}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2534 \SE@MapDeclare{iso-8859-10}{D9}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 2535 \SE@MapDeclare{iso-8859-10}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2536 \SE@MapDeclare{iso-8859-10}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2537 \SE@MapDeclare{iso-8859-10}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2538 \SE@MapDeclare{iso-8859-10}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 2539 \SE@MapDeclare{iso-8859-10}{DE}{00DE}% LATIN CAPITAL LETTER THORN (Icelandic)  
 2540 \SE@MapDeclare{iso-8859-10}{DF}{00DF}% LATIN SMALL LETTER SHARP S (German)  
 2541 \SE@MapDeclare{iso-8859-10}{E0}{0101}% LATIN SMALL LETTER A WITH MACRON  
 2542 \SE@MapDeclare{iso-8859-10}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2543 \SE@MapDeclare{iso-8859-10}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2544 \SE@MapDeclare{iso-8859-10}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2545 \SE@MapDeclare{iso-8859-10}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2546 \SE@MapDeclare{iso-8859-10}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2547 \SE@MapDeclare{iso-8859-10}{E6}{00E6}% LATIN SMALL LETTER AE  
 2548 \SE@MapDeclare{iso-8859-10}{E7}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 2549 \SE@MapDeclare{iso-8859-10}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 2550 \SE@MapDeclare{iso-8859-10}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2551 \SE@MapDeclare{iso-8859-10}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 2552 \SE@MapDeclare{iso-8859-10}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2553 \SE@MapDeclare{iso-8859-10}{EC}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 2554 \SE@MapDeclare{iso-8859-10}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2555 \SE@MapDeclare{iso-8859-10}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2556 \SE@MapDeclare{iso-8859-10}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2557 \SE@MapDeclare{iso-8859-10}{F0}{00F0}% LATIN SMALL LETTER ETH (Icelandic)  
 2558 \SE@MapDeclare{iso-8859-10}{F1}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 2559 \SE@MapDeclare{iso-8859-10}{F2}{014D}% LATIN SMALL LETTER O WITH MACRON  
 2560 \SE@MapDeclare{iso-8859-10}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2561 \SE@MapDeclare{iso-8859-10}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2562 \SE@MapDeclare{iso-8859-10}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2563 \SE@MapDeclare{iso-8859-10}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2564 \SE@MapDeclare{iso-8859-10}{F7}{0169}% LATIN SMALL LETTER U WITH TILDE  
 2565 \SE@MapDeclare{iso-8859-10}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2566 \SE@MapDeclare{iso-8859-10}{F9}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2567 \SE@MapDeclare{iso-8859-10}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2568 \SE@MapDeclare{iso-8859-10}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2569 \SE@MapDeclare{iso-8859-10}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2570 \SE@MapDeclare{iso-8859-10}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2571 \SE@MapDeclare{iso-8859-10}{FE}{00FE}% LATIN SMALL LETTER THORN (Icelandic)  
 2572 \SE@MapDeclare{iso-8859-10}{FF}{0138}% LATIN SMALL LETTER KRA  
 2573 (/iso-8859-10)

## iso-8859-11

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2574 (*iso-8859-11)
2575 \SE@MapDeclare{iso-8859-11}{A0}{00A0}% NO-BREAK SPACE
2576 \SE@MapDeclare{iso-8859-11}{A1}{0E01}% THAI CHARACTER KO KAI
2577 \SE@MapDeclare{iso-8859-11}{A2}{0E02}% THAI CHARACTER KHO KHAI
2578 \SE@MapDeclare{iso-8859-11}{A3}{0E03}% THAI CHARACTER KHO KHUAT
2579 \SE@MapDeclare{iso-8859-11}{A4}{0E04}% THAI CHARACTER KHO KHWAI
2580 \SE@MapDeclare{iso-8859-11}{A5}{0E05}% THAI CHARACTER KHO KHON
2581 \SE@MapDeclare{iso-8859-11}{A6}{0E06}% THAI CHARACTER KHO RAKHANG
2582 \SE@MapDeclare{iso-8859-11}{A7}{0E07}% THAI CHARACTER NGO NGU
2583 \SE@MapDeclare{iso-8859-11}{A8}{0E08}% THAI CHARACTER CHO CHAN
2584 \SE@MapDeclare{iso-8859-11}{A9}{0E09}% THAI CHARACTER CHO CHING
2585 \SE@MapDeclare{iso-8859-11}{AA}{0E0A}% THAI CHARACTER CHO CHANG
2586 \SE@MapDeclare{iso-8859-11}{AB}{0E0B}% THAI CHARACTER SO SO
2587 \SE@MapDeclare{iso-8859-11}{AC}{0E0C}% THAI CHARACTER CHO CHOE
2588 \SE@MapDeclare{iso-8859-11}{AD}{0E0D}% THAI CHARACTER YO YING
2589 \SE@MapDeclare{iso-8859-11}{AE}{0E0E}% THAI CHARACTER DO CHADA
2590 \SE@MapDeclare{iso-8859-11}{AF}{0E0F}% THAI CHARACTER TO PATAK
2591 \SE@MapDeclare{iso-8859-11}{B0}{0E10}% THAI CHARACTER THO THAN
2592 \SE@MapDeclare{iso-8859-11}{B1}{0E11}% THAI CHARACTER THO NANGMONTHO
2593 \SE@MapDeclare{iso-8859-11}{B2}{0E12}% THAI CHARACTER THO PHUTHAO
2594 \SE@MapDeclare{iso-8859-11}{B3}{0E13}% THAI CHARACTER NO NEN
2595 \SE@MapDeclare{iso-8859-11}{B4}{0E14}% THAI CHARACTER DO DEK
2596 \SE@MapDeclare{iso-8859-11}{B5}{0E15}% THAI CHARACTER TO TAO
2597 \SE@MapDeclare{iso-8859-11}{B6}{0E16}% THAI CHARACTER THO THUNG
2598 \SE@MapDeclare{iso-8859-11}{B7}{0E17}% THAI CHARACTER THO THAHAN
2599 \SE@MapDeclare{iso-8859-11}{B8}{0E18}% THAI CHARACTER THO THONG
2600 \SE@MapDeclare{iso-8859-11}{B9}{0E19}% THAI CHARACTER NO NU
2601 \SE@MapDeclare{iso-8859-11}{BA}{0E1A}% THAI CHARACTER BO BAIMAI
2602 \SE@MapDeclare{iso-8859-11}{BB}{0E1B}% THAI CHARACTER PO PLA
2603 \SE@MapDeclare{iso-8859-11}{BC}{0E1C}% THAI CHARACTER PHO PHUNG
2604 \SE@MapDeclare{iso-8859-11}{BD}{0E1D}% THAI CHARACTER FO FA
2605 \SE@MapDeclare{iso-8859-11}{BE}{0E1E}% THAI CHARACTER PHO PHAN
2606 \SE@MapDeclare{iso-8859-11}{BF}{0E1F}% THAI CHARACTER FO FAN
2607 \SE@MapDeclare{iso-8859-11}{C0}{0E20}% THAI CHARACTER PHO SAMPHAO
2608 \SE@MapDeclare{iso-8859-11}{C1}{0E21}% THAI CHARACTER MO MA
2609 \SE@MapDeclare{iso-8859-11}{C2}{0E22}% THAI CHARACTER YO YAK
2610 \SE@MapDeclare{iso-8859-11}{C3}{0E23}% THAI CHARACTER RO RUA
2611 \SE@MapDeclare{iso-8859-11}{C4}{0E24}% THAI CHARACTER RU
2612 \SE@MapDeclare{iso-8859-11}{C5}{0E25}% THAI CHARACTER LO LING
2613 \SE@MapDeclare{iso-8859-11}{C6}{0E26}% THAI CHARACTER LU
2614 \SE@MapDeclare{iso-8859-11}{C7}{0E27}% THAI CHARACTER WO WAEN
2615 \SE@MapDeclare{iso-8859-11}{C8}{0E28}% THAI CHARACTER SO SALA
2616 \SE@MapDeclare{iso-8859-11}{C9}{0E29}% THAI CHARACTER SO RUSI
2617 \SE@MapDeclare{iso-8859-11}{CA}{0E2A}% THAI CHARACTER SO SUA
2618 \SE@MapDeclare{iso-8859-11}{CB}{0E2B}% THAI CHARACTER HO HIP
2619 \SE@MapDeclare{iso-8859-11}{CC}{0E2C}% THAI CHARACTER LO CHULA
2620 \SE@MapDeclare{iso-8859-11}{CD}{0E2D}% THAI CHARACTER O ANG
2621 \SE@MapDeclare{iso-8859-11}{CE}{0E2E}% THAI CHARACTER HO NOKHUK
2622 \SE@MapDeclare{iso-8859-11}{CF}{0E2F}% THAI CHARACTER PAIYANNOI
2623 \SE@MapDeclare{iso-8859-11}{D0}{0E30}% THAI CHARACTER SARA A
2624 \SE@MapDeclare{iso-8859-11}{D1}{0E31}% THAI CHARACTER MAI HAN-AKAT
2625 \SE@MapDeclare{iso-8859-11}{D2}{0E32}% THAI CHARACTER SARA AA
2626 \SE@MapDeclare{iso-8859-11}{D3}{0E33}% THAI CHARACTER SARA AM
2627 \SE@MapDeclare{iso-8859-11}{D4}{0E34}% THAI CHARACTER SARA I
2628 \SE@MapDeclare{iso-8859-11}{D5}{0E35}% THAI CHARACTER SARA II
2629 \SE@MapDeclare{iso-8859-11}{D6}{0E36}% THAI CHARACTER SARA UE
2630 \SE@MapDeclare{iso-8859-11}{D7}{0E37}% THAI CHARACTER SARA UEE
2631 \SE@MapDeclare{iso-8859-11}{D8}{0E38}% THAI CHARACTER SARA U
2632 \SE@MapDeclare{iso-8859-11}{D9}{0E39}% THAI CHARACTER SARA UU
2633 \SE@MapDeclare{iso-8859-11}{DA}{0E3A}% THAI CHARACTER PHINTHU
2634 \SE@MapDeclare{iso-8859-11}{DF}{0E3F}% THAI CURRENCY SYMBOL BAHT
2635 \SE@MapDeclare{iso-8859-11}{E0}{0E40}% THAI CHARACTER SARA E
2636 \SE@MapDeclare{iso-8859-11}{E1}{0E41}% THAI CHARACTER SARA AE
2637 \SE@MapDeclare{iso-8859-11}{E2}{0E42}% THAI CHARACTER SARA O
2638 \SE@MapDeclare{iso-8859-11}{E3}{0E43}% THAI CHARACTER SARA AI MAIMUAN
2639 \SE@MapDeclare{iso-8859-11}{E4}{0E44}% THAI CHARACTER SARA AI MAIMALAI
2640 \SE@MapDeclare{iso-8859-11}{E5}{0E45}% THAI CHARACTER LAKKHANGYAO
2641 \SE@MapDeclare{iso-8859-11}{E6}{0E46}% THAI CHARACTER MAIYAMOK
2642 \SE@MapDeclare{iso-8859-11}{E7}{0E47}% THAI CHARACTER MAITAIKHU
2643 \SE@MapDeclare{iso-8859-11}{E8}{0E48}% THAI CHARACTER MAI EK
2644 \SE@MapDeclare{iso-8859-11}{E9}{0E49}% THAI CHARACTER MAI THO
2645 \SE@MapDeclare{iso-8859-11}{EA}{0E4A}% THAI CHARACTER MAI TRI
2646 \SE@MapDeclare{iso-8859-11}{EB}{0E4B}% THAI CHARACTER MAI CHATTAWA
2647 \SE@MapDeclare{iso-8859-11}{EC}{0E4C}% THAI CHARACTER THANTHAKHAT
2648 \SE@MapDeclare{iso-8859-11}{ED}{0E4D}% THAI CHARACTER NIKHAHIT
2649 \SE@MapDeclare{iso-8859-11}{EE}{0E4E}% THAI CHARACTER YAMAKKAN
2650 \SE@MapDeclare{iso-8859-11}{EF}{0E4F}% THAI CHARACTER FONGMAN
2651 \SE@MapDeclare{iso-8859-11}{F0}{0E50}% THAI DIGIT ZERO
2652 \SE@MapDeclare{iso-8859-11}{F1}{0E51}% THAI DIGIT ONE
2653 \SE@MapDeclare{iso-8859-11}{F2}{0E52}% THAI DIGIT TWO
2654 \SE@MapDeclare{iso-8859-11}{F3}{0E53}% THAI DIGIT THREE
2655 \SE@MapDeclare{iso-8859-11}{F4}{0E54}% THAI DIGIT FOUR
2656 \SE@MapDeclare{iso-8859-11}{F5}{0E55}% THAI DIGIT FIVE
2657 \SE@MapDeclare{iso-8859-11}{F6}{0E56}% THAI DIGIT SIX

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2658 \SE@MapDeclare{iso-8859-11}{F7}{0E57}% THAI DIGIT SEVEN  
 2659 \SE@MapDeclare{iso-8859-11}{F8}{0E58}% THAI DIGIT EIGHT  
 2660 \SE@MapDeclare{iso-8859-11}{F9}{0E59}% THAI DIGIT NINE  
 2661 \SE@MapDeclare{iso-8859-11}{FA}{0E5A}% THAI CHARACTER ANGKHANKHU  
 2662 \SE@MapDeclare{iso-8859-11}{FB}{0E5B}% THAI CHARACTER KHOMUT  
 2663 </iso-8859-11>

### iso-8859-13

2664 <\*iso-8859-13>  
 2665 \SE@MapDeclare{iso-8859-13}{A0}{00A0}% NO-BREAK SPACE  
 2666 \SE@MapDeclare{iso-8859-13}{A1}{201D}% RIGHT DOUBLE QUOTATION MARK  
 2667 \SE@MapDeclare{iso-8859-13}{A2}{00A2}% CENT SIGN  
 2668 \SE@MapDeclare{iso-8859-13}{A3}{00A3}% POUND SIGN  
 2669 \SE@MapDeclare{iso-8859-13}{A4}{00A4}% CURRENCY SIGN  
 2670 \SE@MapDeclare{iso-8859-13}{A5}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 2671 \SE@MapDeclare{iso-8859-13}{A6}{00A6}% BROKEN BAR  
 2672 \SE@MapDeclare{iso-8859-13}{A7}{00A7}% SECTION SIGN  
 2673 \SE@MapDeclare{iso-8859-13}{A8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2674 \SE@MapDeclare{iso-8859-13}{A9}{00A9}% COPYRIGHT SIGN  
 2675 \SE@MapDeclare{iso-8859-13}{AA}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 2676 \SE@MapDeclare{iso-8859-13}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2677 \SE@MapDeclare{iso-8859-13}{AC}{00AC}% NOT SIGN  
 2678 \SE@MapDeclare{iso-8859-13}{AD}{00AD}% SOFT HYPHEN  
 2679 \SE@MapDeclare{iso-8859-13}{AE}{00AE}% REGISTERED SIGN  
 2680 \SE@MapDeclare{iso-8859-13}{AF}{00CF}% LATIN CAPITAL LETTER AE  
 2681 \SE@MapDeclare{iso-8859-13}{B0}{00B0}% DEGREE SIGN  
 2682 \SE@MapDeclare{iso-8859-13}{B1}{00B1}% PLUS-MINUS SIGN  
 2683 \SE@MapDeclare{iso-8859-13}{B2}{00B2}% SUPERScript TWO  
 2684 \SE@MapDeclare{iso-8859-13}{B3}{00B3}% SUPERScript THREE  
 2685 \SE@MapDeclare{iso-8859-13}{B4}{201C}% LEFT DOUBLE QUOTATION MARK  
 2686 \SE@MapDeclare{iso-8859-13}{B5}{00B5}% MICRO SIGN  
 2687 \SE@MapDeclare{iso-8859-13}{B6}{00B6}% PILCROW SIGN  
 2688 \SE@MapDeclare{iso-8859-13}{B7}{00B7}% MIDDLE DOT  
 2689 \SE@MapDeclare{iso-8859-13}{B8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2690 \SE@MapDeclare{iso-8859-13}{B9}{00B9}% SUPERScript ONE  
 2691 \SE@MapDeclare{iso-8859-13}{BA}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 2692 \SE@MapDeclare{iso-8859-13}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2693 \SE@MapDeclare{iso-8859-13}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2694 \SE@MapDeclare{iso-8859-13}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2695 \SE@MapDeclare{iso-8859-13}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2696 \SE@MapDeclare{iso-8859-13}{BF}{00BF}% LATIN SMALL LETTER AE  
 2697 \SE@MapDeclare{iso-8859-13}{C0}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2698 \SE@MapDeclare{iso-8859-13}{C1}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 2699 \SE@MapDeclare{iso-8859-13}{C2}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 2700 \SE@MapDeclare{iso-8859-13}{C3}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 2701 \SE@MapDeclare{iso-8859-13}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2702 \SE@MapDeclare{iso-8859-13}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2703 \SE@MapDeclare{iso-8859-13}{C6}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 2704 \SE@MapDeclare{iso-8859-13}{C7}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 2705 \SE@MapDeclare{iso-8859-13}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2706 \SE@MapDeclare{iso-8859-13}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2707 \SE@MapDeclare{iso-8859-13}{CA}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 2708 \SE@MapDeclare{iso-8859-13}{CB}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 2709 \SE@MapDeclare{iso-8859-13}{CC}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 2710 \SE@MapDeclare{iso-8859-13}{CD}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 2711 \SE@MapDeclare{iso-8859-13}{CE}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 2712 \SE@MapDeclare{iso-8859-13}{CF}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 2713 \SE@MapDeclare{iso-8859-13}{D0}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2714 \SE@MapDeclare{iso-8859-13}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 2715 \SE@MapDeclare{iso-8859-13}{D2}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 2716 \SE@MapDeclare{iso-8859-13}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2717 \SE@MapDeclare{iso-8859-13}{D4}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 2718 \SE@MapDeclare{iso-8859-13}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2719 \SE@MapDeclare{iso-8859-13}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2720 \SE@MapDeclare{iso-8859-13}{D7}{00D7}% MULTIPLICATION SIGN  
 2721 \SE@MapDeclare{iso-8859-13}{D8}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 2722 \SE@MapDeclare{iso-8859-13}{D9}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 2723 \SE@MapDeclare{iso-8859-13}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 2724 \SE@MapDeclare{iso-8859-13}{DB}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 2725 \SE@MapDeclare{iso-8859-13}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2726 \SE@MapDeclare{iso-8859-13}{DD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 2727 \SE@MapDeclare{iso-8859-13}{DE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2728 \SE@MapDeclare{iso-8859-13}{DF}{00DF}% LATIN SMALL LETTER SHARP S (German)  
 2729 \SE@MapDeclare{iso-8859-13}{E0}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2730 \SE@MapDeclare{iso-8859-13}{E1}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 2731 \SE@MapDeclare{iso-8859-13}{E2}{0101}% LATIN SMALL LETTER A WITH MACRON  
 2732 \SE@MapDeclare{iso-8859-13}{E3}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 2733 \SE@MapDeclare{iso-8859-13}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2734 \SE@MapDeclare{iso-8859-13}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2735 \SE@MapDeclare{iso-8859-13}{E6}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 2736 \SE@MapDeclare{iso-8859-13}{E7}{0113}% LATIN SMALL LETTER E WITH MACRON  
 2737 \SE@MapDeclare{iso-8859-13}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 2738 \SE@MapDeclare{iso-8859-13}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2739 \SE@MapDeclare{iso-8859-13}{EA}{017A}% LATIN SMALL LETTER Z WITH ACUTE

2740 \SE@MapDeclare{iso-8859-13}{EB}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 2741 \SE@MapDeclare{iso-8859-13}{EC}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 2742 \SE@MapDeclare{iso-8859-13}{ED}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2743 \SE@MapDeclare{iso-8859-13}{EE}{012B}% LATIN SMALL LETTER I WITH MACRON  
 2744 \SE@MapDeclare{iso-8859-13}{EF}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 2745 \SE@MapDeclare{iso-8859-13}{F0}{0161}% LATIN SMALL LETTER S WITH CARON  
 2746 \SE@MapDeclare{iso-8859-13}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 2747 \SE@MapDeclare{iso-8859-13}{F2}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 2748 \SE@MapDeclare{iso-8859-13}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2749 \SE@MapDeclare{iso-8859-13}{F4}{014D}% LATIN SMALL LETTER O WITH MACRON  
 2750 \SE@MapDeclare{iso-8859-13}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2751 \SE@MapDeclare{iso-8859-13}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2752 \SE@MapDeclare{iso-8859-13}{F7}{00F7}% DIVISION SIGN  
 2753 \SE@MapDeclare{iso-8859-13}{F8}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2754 \SE@MapDeclare{iso-8859-13}{F9}{0142}% LATIN SMALL LETTER L WITH STROKE  
 2755 \SE@MapDeclare{iso-8859-13}{FA}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 2756 \SE@MapDeclare{iso-8859-13}{FB}{016B}% LATIN SMALL LETTER U WITH MACRON  
 2757 \SE@MapDeclare{iso-8859-13}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2758 \SE@MapDeclare{iso-8859-13}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 2759 \SE@MapDeclare{iso-8859-13}{FE}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2760 \SE@MapDeclare{iso-8859-13}{FF}{2019}% RIGHT SINGLE QUOTATION MARK  
 2761 </iso-8859-13>

## iso-8859-14

2762 <\*iso-8859-14>  
 2763 \SE@MapDeclare{iso-8859-14}{A0}{00A0}% NO-BREAK SPACE  
 2764 \SE@MapDeclare{iso-8859-14}{A1}{1E02}% LATIN CAPITAL LETTER B WITH DOT ABOVE  
 2765 \SE@MapDeclare{iso-8859-14}{A2}{1E03}% LATIN SMALL LETTER B WITH DOT ABOVE  
 2766 \SE@MapDeclare{iso-8859-14}{A3}{00A3}% POUND SIGN  
 2767 \SE@MapDeclare{iso-8859-14}{A4}{010A}% LATIN CAPITAL LETTER C WITH DOT ABOVE  
 2768 \SE@MapDeclare{iso-8859-14}{A5}{010B}% LATIN SMALL LETTER C WITH DOT ABOVE  
 2769 \SE@MapDeclare{iso-8859-14}{A6}{1E0A}% LATIN CAPITAL LETTER D WITH DOT ABOVE  
 2770 \SE@MapDeclare{iso-8859-14}{A7}{00A7}% SECTION SIGN  
 2771 \SE@MapDeclare{iso-8859-14}{A8}{1E80}% LATIN CAPITAL LETTER W WITH GRAVE  
 2772 \SE@MapDeclare{iso-8859-14}{A9}{00A9}% COPYRIGHT SIGN  
 2773 \SE@MapDeclare{iso-8859-14}{AA}{1E82}% LATIN CAPITAL LETTER W WITH ACUTE  
 2774 \SE@MapDeclare{iso-8859-14}{AB}{1E0B}% LATIN SMALL LETTER D WITH DOT ABOVE  
 2775 \SE@MapDeclare{iso-8859-14}{AC}{1EF2}% LATIN CAPITAL LETTER Y WITH GRAVE  
 2776 \SE@MapDeclare{iso-8859-14}{AD}{00AD}% SOFT HYPHEN  
 2777 \SE@MapDeclare{iso-8859-14}{AE}{00AE}% REGISTERED SIGN  
 2778 \SE@MapDeclare{iso-8859-14}{AF}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 2779 \SE@MapDeclare{iso-8859-14}{B0}{1E1E}% LATIN CAPITAL LETTER F WITH DOT ABOVE  
 2780 \SE@MapDeclare{iso-8859-14}{B1}{1E1F}% LATIN SMALL LETTER F WITH DOT ABOVE  
 2781 \SE@MapDeclare{iso-8859-14}{B2}{0120}% LATIN CAPITAL LETTER G WITH DOT ABOVE  
 2782 \SE@MapDeclare{iso-8859-14}{B3}{0121}% LATIN SMALL LETTER G WITH DOT ABOVE  
 2783 \SE@MapDeclare{iso-8859-14}{B4}{1E40}% LATIN CAPITAL LETTER M WITH DOT ABOVE  
 2784 \SE@MapDeclare{iso-8859-14}{B5}{1E41}% LATIN SMALL LETTER M WITH DOT ABOVE  
 2785 \SE@MapDeclare{iso-8859-14}{B6}{00B6}% PILCROW SIGN  
 2786 \SE@MapDeclare{iso-8859-14}{B7}{1E56}% LATIN CAPITAL LETTER P WITH DOT ABOVE  
 2787 \SE@MapDeclare{iso-8859-14}{B8}{1E81}% LATIN SMALL LETTER W WITH GRAVE  
 2788 \SE@MapDeclare{iso-8859-14}{B9}{1E57}% LATIN SMALL LETTER P WITH DOT ABOVE  
 2789 \SE@MapDeclare{iso-8859-14}{BA}{1E83}% LATIN SMALL LETTER W WITH ACUTE  
 2790 \SE@MapDeclare{iso-8859-14}{BB}{1E60}% LATIN CAPITAL LETTER S WITH DOT ABOVE  
 2791 \SE@MapDeclare{iso-8859-14}{BC}{1EF3}% LATIN SMALL LETTER Y WITH GRAVE  
 2792 \SE@MapDeclare{iso-8859-14}{BD}{1E84}% LATIN CAPITAL LETTER W WITH DIAERESIS  
 2793 \SE@MapDeclare{iso-8859-14}{BE}{1E85}% LATIN SMALL LETTER W WITH DIAERESIS  
 2794 \SE@MapDeclare{iso-8859-14}{BF}{1E61}% LATIN SMALL LETTER S WITH DOT ABOVE  
 2795 \SE@MapDeclare{iso-8859-14}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2796 \SE@MapDeclare{iso-8859-14}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2797 \SE@MapDeclare{iso-8859-14}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2798 \SE@MapDeclare{iso-8859-14}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2799 \SE@MapDeclare{iso-8859-14}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2800 \SE@MapDeclare{iso-8859-14}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2801 \SE@MapDeclare{iso-8859-14}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2802 \SE@MapDeclare{iso-8859-14}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2803 \SE@MapDeclare{iso-8859-14}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2804 \SE@MapDeclare{iso-8859-14}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2805 \SE@MapDeclare{iso-8859-14}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2806 \SE@MapDeclare{iso-8859-14}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2807 \SE@MapDeclare{iso-8859-14}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2808 \SE@MapDeclare{iso-8859-14}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2809 \SE@MapDeclare{iso-8859-14}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2810 \SE@MapDeclare{iso-8859-14}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2811 \SE@MapDeclare{iso-8859-14}{D0}{0174}% LATIN CAPITAL LETTER W WITH CIRCUMFLEX  
 2812 \SE@MapDeclare{iso-8859-14}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2813 \SE@MapDeclare{iso-8859-14}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2814 \SE@MapDeclare{iso-8859-14}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2815 \SE@MapDeclare{iso-8859-14}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2816 \SE@MapDeclare{iso-8859-14}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2817 \SE@MapDeclare{iso-8859-14}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2818 \SE@MapDeclare{iso-8859-14}{D7}{1E6A}% LATIN CAPITAL LETTER T WITH DOT ABOVE  
 2819 \SE@MapDeclare{iso-8859-14}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2820 \SE@MapDeclare{iso-8859-14}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2821 \SE@MapDeclare{iso-8859-14}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE

2822 \SE@MapDeclare{iso-8859-14}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2823 \SE@MapDeclare{iso-8859-14}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2824 \SE@MapDeclare{iso-8859-14}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
2825 \SE@MapDeclare{iso-8859-14}{DE}{0176}% LATIN CAPITAL LETTER Y WITH CIRCUMFLEX  
2826 \SE@MapDeclare{iso-8859-14}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
2827 \SE@MapDeclare{iso-8859-14}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
2828 \SE@MapDeclare{iso-8859-14}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2829 \SE@MapDeclare{iso-8859-14}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2830 \SE@MapDeclare{iso-8859-14}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
2831 \SE@MapDeclare{iso-8859-14}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2832 \SE@MapDeclare{iso-8859-14}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
2833 \SE@MapDeclare{iso-8859-14}{E6}{00E6}% LATIN SMALL LETTER AE  
2834 \SE@MapDeclare{iso-8859-14}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
2835 \SE@MapDeclare{iso-8859-14}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
2836 \SE@MapDeclare{iso-8859-14}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
2837 \SE@MapDeclare{iso-8859-14}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
2838 \SE@MapDeclare{iso-8859-14}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
2839 \SE@MapDeclare{iso-8859-14}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
2840 \SE@MapDeclare{iso-8859-14}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
2841 \SE@MapDeclare{iso-8859-14}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
2842 \SE@MapDeclare{iso-8859-14}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
2843 \SE@MapDeclare{iso-8859-14}{F0}{0175}% LATIN SMALL LETTER W WITH CIRCUMFLEX  
2844 \SE@MapDeclare{iso-8859-14}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
2845 \SE@MapDeclare{iso-8859-14}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
2846 \SE@MapDeclare{iso-8859-14}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
2847 \SE@MapDeclare{iso-8859-14}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
2848 \SE@MapDeclare{iso-8859-14}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
2849 \SE@MapDeclare{iso-8859-14}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
2850 \SE@MapDeclare{iso-8859-14}{F7}{1E6B}% LATIN SMALL LETTER T WITH DOT ABOVE  
2851 \SE@MapDeclare{iso-8859-14}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
2852 \SE@MapDeclare{iso-8859-14}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
2853 \SE@MapDeclare{iso-8859-14}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
2854 \SE@MapDeclare{iso-8859-14}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
2855 \SE@MapDeclare{iso-8859-14}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
2856 \SE@MapDeclare{iso-8859-14}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
2857 \SE@MapDeclare{iso-8859-14}{FE}{0177}% LATIN SMALL LETTER Y WITH CIRCUMFLEX  
2858 \SE@MapDeclare{iso-8859-14}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
2859 (/iso-8859-14)

## iso-8859-15

2860 (\*iso-8859-15)  
2861 \SE@MapDeclare{iso-8859-15}{A0}{00A0}% NO-BREAK SPACE  
2862 \SE@MapDeclare{iso-8859-15}{A1}{00A1}% INVERTED EXCLAMATION MARK  
2863 \SE@MapDeclare{iso-8859-15}{A2}{00A2}% CENT SIGN  
2864 \SE@MapDeclare{iso-8859-15}{A3}{00A3}% POUND SIGN  
2865 \SE@MapDeclare{iso-8859-15}{A4}{20AC}% EURO SIGN  
2866 \SE@MapDeclare{iso-8859-15}{A5}{00A5}% YEN SIGN  
2867 \SE@MapDeclare{iso-8859-15}{A6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
2868 \SE@MapDeclare{iso-8859-15}{A7}{00A7}% SECTION SIGN  
2869 \SE@MapDeclare{iso-8859-15}{A8}{0161}% LATIN SMALL LETTER S WITH CARON  
2870 \SE@MapDeclare{iso-8859-15}{A9}{00A9}% COPYRIGHT SIGN  
2871 \SE@MapDeclare{iso-8859-15}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
2872 \SE@MapDeclare{iso-8859-15}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
2873 \SE@MapDeclare{iso-8859-15}{AC}{00AC}% NOT SIGN  
2874 \SE@MapDeclare{iso-8859-15}{AD}{00AD}% SOFT HYPHEN  
2875 \SE@MapDeclare{iso-8859-15}{AE}{00AE}% REGISTERED SIGN  
2876 \SE@MapDeclare{iso-8859-15}{AF}{00AF}% MACRON  
2877 \SE@MapDeclare{iso-8859-15}{B0}{00B0}% DEGREE SIGN  
2878 \SE@MapDeclare{iso-8859-15}{B1}{00B1}% PLUS-MINUS SIGN  
2879 \SE@MapDeclare{iso-8859-15}{B2}{00B2}% SUPERScript TWO  
2880 \SE@MapDeclare{iso-8859-15}{B3}{00B3}% SUPERScript THREE  
2881 \SE@MapDeclare{iso-8859-15}{B4}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
2882 \SE@MapDeclare{iso-8859-15}{B5}{00B5}% MICRO SIGN  
2883 \SE@MapDeclare{iso-8859-15}{B6}{00B6}% PILCROW SIGN  
2884 \SE@MapDeclare{iso-8859-15}{B7}{00B7}% MIDDLE DOT  
2885 \SE@MapDeclare{iso-8859-15}{B8}{017E}% LATIN SMALL LETTER Z WITH CARON  
2886 \SE@MapDeclare{iso-8859-15}{B9}{00B9}% SUPERScript ONE  
2887 \SE@MapDeclare{iso-8859-15}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
2888 \SE@MapDeclare{iso-8859-15}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
2889 \SE@MapDeclare{iso-8859-15}{BC}{0152}% LATIN CAPITAL LIGATURE OE  
2890 \SE@MapDeclare{iso-8859-15}{BD}{0153}% LATIN SMALL LIGATURE OE  
2891 \SE@MapDeclare{iso-8859-15}{BE}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
2892 \SE@MapDeclare{iso-8859-15}{BF}{00BF}% INVERTED QUESTION MARK  
2893 \SE@MapDeclare{iso-8859-15}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
2894 \SE@MapDeclare{iso-8859-15}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
2895 \SE@MapDeclare{iso-8859-15}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
2896 \SE@MapDeclare{iso-8859-15}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
2897 \SE@MapDeclare{iso-8859-15}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
2898 \SE@MapDeclare{iso-8859-15}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
2899 \SE@MapDeclare{iso-8859-15}{C6}{00C6}% LATIN CAPITAL LETTER AE  
2900 \SE@MapDeclare{iso-8859-15}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
2901 \SE@MapDeclare{iso-8859-15}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
2902 \SE@MapDeclare{iso-8859-15}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
2903 \SE@MapDeclare{iso-8859-15}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX



2904 \SE@MapDeclare{iso-8859-15}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2905 \SE@MapDeclare{iso-8859-15}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2906 \SE@MapDeclare{iso-8859-15}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2907 \SE@MapDeclare{iso-8859-15}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2908 \SE@MapDeclare{iso-8859-15}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2909 \SE@MapDeclare{iso-8859-15}{D0}{00D0}% LATIN CAPITAL LETTER ETH  
 2910 \SE@MapDeclare{iso-8859-15}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2911 \SE@MapDeclare{iso-8859-15}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2912 \SE@MapDeclare{iso-8859-15}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2913 \SE@MapDeclare{iso-8859-15}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2914 \SE@MapDeclare{iso-8859-15}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2915 \SE@MapDeclare{iso-8859-15}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2916 \SE@MapDeclare{iso-8859-15}{D7}{00D7}% MULTIPLICATION SIGN  
 2917 \SE@MapDeclare{iso-8859-15}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2918 \SE@MapDeclare{iso-8859-15}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2919 \SE@MapDeclare{iso-8859-15}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2920 \SE@MapDeclare{iso-8859-15}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2921 \SE@MapDeclare{iso-8859-15}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2922 \SE@MapDeclare{iso-8859-15}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 2923 \SE@MapDeclare{iso-8859-15}{DE}{00DE}% LATIN CAPITAL LETTER THORN  
 2924 \SE@MapDeclare{iso-8859-15}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2925 \SE@MapDeclare{iso-8859-15}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 2926 \SE@MapDeclare{iso-8859-15}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2927 \SE@MapDeclare{iso-8859-15}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2928 \SE@MapDeclare{iso-8859-15}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2929 \SE@MapDeclare{iso-8859-15}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2930 \SE@MapDeclare{iso-8859-15}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2931 \SE@MapDeclare{iso-8859-15}{E6}{00E6}% LATIN SMALL LETTER AE  
 2932 \SE@MapDeclare{iso-8859-15}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 2933 \SE@MapDeclare{iso-8859-15}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 2934 \SE@MapDeclare{iso-8859-15}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2935 \SE@MapDeclare{iso-8859-15}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 2936 \SE@MapDeclare{iso-8859-15}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2937 \SE@MapDeclare{iso-8859-15}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 2938 \SE@MapDeclare{iso-8859-15}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2939 \SE@MapDeclare{iso-8859-15}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2940 \SE@MapDeclare{iso-8859-15}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2941 \SE@MapDeclare{iso-8859-15}{F0}{00F0}% LATIN SMALL LETTER ETH  
 2942 \SE@MapDeclare{iso-8859-15}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 2943 \SE@MapDeclare{iso-8859-15}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 2944 \SE@MapDeclare{iso-8859-15}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2945 \SE@MapDeclare{iso-8859-15}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2946 \SE@MapDeclare{iso-8859-15}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2947 \SE@MapDeclare{iso-8859-15}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2948 \SE@MapDeclare{iso-8859-15}{F7}{00F7}% DIVISION SIGN  
 2949 \SE@MapDeclare{iso-8859-15}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2950 \SE@MapDeclare{iso-8859-15}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2951 \SE@MapDeclare{iso-8859-15}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2952 \SE@MapDeclare{iso-8859-15}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2953 \SE@MapDeclare{iso-8859-15}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2954 \SE@MapDeclare{iso-8859-15}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2955 \SE@MapDeclare{iso-8859-15}{FE}{00FE}% LATIN SMALL LETTER THORN  
 2956 \SE@MapDeclare{iso-8859-15}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2957 (/iso-8859-15)

## iso-8859-16

2958 (\*iso-8859-16)  
 2959 \SE@MapDeclare{iso-8859-16}{A0}{00A0}% NO-BREAK SPACE  
 2960 \SE@MapDeclare{iso-8859-16}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2961 \SE@MapDeclare{iso-8859-16}{A2}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2962 \SE@MapDeclare{iso-8859-16}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 2963 \SE@MapDeclare{iso-8859-16}{A4}{20AC}% EURO SIGN  
 2964 \SE@MapDeclare{iso-8859-16}{A5}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 2965 \SE@MapDeclare{iso-8859-16}{A6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2966 \SE@MapDeclare{iso-8859-16}{A7}{00A7}% SECTION SIGN  
 2967 \SE@MapDeclare{iso-8859-16}{A8}{0161}% LATIN SMALL LETTER S WITH CARON  
 2968 \SE@MapDeclare{iso-8859-16}{A9}{00A9}% COPYRIGHT SIGN  
 2969 \SE@MapDeclare{iso-8859-16}{AA}{0218}% LATIN CAPITAL LETTER S WITH COMMA BELOW  
 2970 \SE@MapDeclare{iso-8859-16}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2971 \SE@MapDeclare{iso-8859-16}{AC}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 2972 \SE@MapDeclare{iso-8859-16}{AD}{00AD}% SOFT HYPHEN  
 2973 \SE@MapDeclare{iso-8859-16}{AE}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 2974 \SE@MapDeclare{iso-8859-16}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 2975 \SE@MapDeclare{iso-8859-16}{B0}{00B0}% DEGREE SIGN  
 2976 \SE@MapDeclare{iso-8859-16}{B1}{00B1}% PLUS-MINUS SIGN  
 2977 \SE@MapDeclare{iso-8859-16}{B2}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2978 \SE@MapDeclare{iso-8859-16}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
 2979 \SE@MapDeclare{iso-8859-16}{B4}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2980 \SE@MapDeclare{iso-8859-16}{B5}{201D}% RIGHT DOUBLE QUOTATION MARK  
 2981 \SE@MapDeclare{iso-8859-16}{B6}{00B6}% PILCROW SIGN  
 2982 \SE@MapDeclare{iso-8859-16}{B7}{00B7}% MIDDLE DOT  
 2983 \SE@MapDeclare{iso-8859-16}{B8}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2984 \SE@MapDeclare{iso-8859-16}{B9}{010D}% LATIN SMALL LETTER C WITH CARON  
 2985 \SE@MapDeclare{iso-8859-16}{BA}{0219}% LATIN SMALL LETTER S WITH COMMA BELOW

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

## koi8-r

3056 <\*koi8-r>  
3057 \SE@MapDeclare{koi8-r}{80}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
3058 \SE@MapDeclare{koi8-r}{81}{2502}% BOX DRAWINGS LIGHT VERTICAL  
3059 \SE@MapDeclare{koi8-r}{82}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
3060 \SE@MapDeclare{koi8-r}{83}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
3061 \SE@MapDeclare{koi8-r}{84}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
3062 \SE@MapDeclare{koi8-r}{85}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
3063 \SE@MapDeclare{koi8-r}{86}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
3064 \SE@MapDeclare{koi8-r}{87}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
3065 \SE@MapDeclare{koi8-r}{88}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
3066 \SE@MapDeclare{koi8-r}{89}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
3067 \SE@MapDeclare{koi8-r}{8A}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL

3068 \SE@MapDeclare{koi8-r}{8B}{2580}% UPPER HALF BLOCK  
 3069 \SE@MapDeclare{koi8-r}{8C}{2584}% LOWER HALF BLOCK  
 3070 \SE@MapDeclare{koi8-r}{8D}{2588}% FULL BLOCK  
 3071 \SE@MapDeclare{koi8-r}{8E}{258C}% LEFT HALF BLOCK  
 3072 \SE@MapDeclare{koi8-r}{8F}{2590}% RIGHT HALF BLOCK  
 3073 \SE@MapDeclare{koi8-r}{90}{2591}% LIGHT SHADE  
 3074 \SE@MapDeclare{koi8-r}{91}{2592}% MEDIUM SHADE  
 3075 \SE@MapDeclare{koi8-r}{92}{2593}% DARK SHADE  
 3076 \SE@MapDeclare{koi8-r}{93}{2320}% TOP HALF INTEGRAL  
 3077 \SE@MapDeclare{koi8-r}{94}{25A0}% BLACK SQUARE  
 3078 \SE@MapDeclare{koi8-r}{95}{2219}% BULLET OPERATOR  
 3079 \SE@MapDeclare{koi8-r}{96}{221A}% SQUARE ROOT  
 3080 \SE@MapDeclare{koi8-r}{97}{2248}% ALMOST EQUAL TO  
 3081 \SE@MapDeclare{koi8-r}{98}{2264}% LESS-THAN OR EQUAL TO  
 3082 \SE@MapDeclare{koi8-r}{99}{2265}% GREATER-THAN OR EQUAL TO  
 3083 \SE@MapDeclare{koi8-r}{9A}{00A0}% NO-BREAK SPACE  
 3084 \SE@MapDeclare{koi8-r}{9B}{2321}% BOTTOM HALF INTEGRAL  
 3085 \SE@MapDeclare{koi8-r}{9C}{00B0}% DEGREE SIGN  
 3086 \SE@MapDeclare{koi8-r}{9D}{00B2}% SUPERSCRIP TWO  
 3087 \SE@MapDeclare{koi8-r}{9E}{00B7}% MIDDLE DOT  
 3088 \SE@MapDeclare{koi8-r}{9F}{00F7}% DIVISION SIGN  
 3089 \SE@MapDeclare{koi8-r}{A0}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 3090 \SE@MapDeclare{koi8-r}{A1}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 3091 \SE@MapDeclare{koi8-r}{A2}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 3092 \SE@MapDeclare{koi8-r}{A3}{0451}% CYRILLIC SMALL LETTER IO  
 3093 \SE@MapDeclare{koi8-r}{A4}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 3094 \SE@MapDeclare{koi8-r}{A5}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 3095 \SE@MapDeclare{koi8-r}{A6}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 3096 \SE@MapDeclare{koi8-r}{A7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 3097 \SE@MapDeclare{koi8-r}{A8}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 3098 \SE@MapDeclare{koi8-r}{A9}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 3099 \SE@MapDeclare{koi8-r}{AA}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 3100 \SE@MapDeclare{koi8-r}{AB}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 3101 \SE@MapDeclare{koi8-r}{AC}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 3102 \SE@MapDeclare{koi8-r}{AD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 3103 \SE@MapDeclare{koi8-r}{AE}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 3104 \SE@MapDeclare{koi8-r}{AF}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 3105 \SE@MapDeclare{koi8-r}{B0}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 3106 \SE@MapDeclare{koi8-r}{B1}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 3107 \SE@MapDeclare{koi8-r}{B2}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 3108 \SE@MapDeclare{koi8-r}{B3}{0401}% CYRILLIC CAPITAL LETTER IO  
 3109 \SE@MapDeclare{koi8-r}{B4}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 3110 \SE@MapDeclare{koi8-r}{B5}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 3111 \SE@MapDeclare{koi8-r}{B6}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 3112 \SE@MapDeclare{koi8-r}{B7}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 3113 \SE@MapDeclare{koi8-r}{B8}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 3114 \SE@MapDeclare{koi8-r}{B9}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 3115 \SE@MapDeclare{koi8-r}{BA}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 3116 \SE@MapDeclare{koi8-r}{BB}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 3117 \SE@MapDeclare{koi8-r}{BC}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 3118 \SE@MapDeclare{koi8-r}{BD}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 3119 \SE@MapDeclare{koi8-r}{BE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 3120 \SE@MapDeclare{koi8-r}{BF}{00A9}% COPYRIGHT SIGN  
 3121 \SE@MapDeclare{koi8-r}{C0}{044E}% CYRILLIC SMALL LETTER YU  
 3122 \SE@MapDeclare{koi8-r}{C1}{0430}% CYRILLIC SMALL LETTER A  
 3123 \SE@MapDeclare{koi8-r}{C2}{0431}% CYRILLIC SMALL LETTER BE  
 3124 \SE@MapDeclare{koi8-r}{C3}{0446}% CYRILLIC SMALL LETTER TSE  
 3125 \SE@MapDeclare{koi8-r}{C4}{0434}% CYRILLIC SMALL LETTER DE  
 3126 \SE@MapDeclare{koi8-r}{C5}{0435}% CYRILLIC SMALL LETTER IE  
 3127 \SE@MapDeclare{koi8-r}{C6}{0444}% CYRILLIC SMALL LETTER EF  
 3128 \SE@MapDeclare{koi8-r}{C7}{0433}% CYRILLIC SMALL LETTER GHE  
 3129 \SE@MapDeclare{koi8-r}{C8}{0445}% CYRILLIC SMALL LETTER HA  
 3130 \SE@MapDeclare{koi8-r}{C9}{0438}% CYRILLIC SMALL LETTER I  
 3131 \SE@MapDeclare{koi8-r}{CA}{0439}% CYRILLIC SMALL LETTER SHORT I  
 3132 \SE@MapDeclare{koi8-r}{CB}{043A}% CYRILLIC SMALL LETTER KA  
 3133 \SE@MapDeclare{koi8-r}{CC}{043B}% CYRILLIC SMALL LETTER EL  
 3134 \SE@MapDeclare{koi8-r}{CD}{043C}% CYRILLIC SMALL LETTER EM  
 3135 \SE@MapDeclare{koi8-r}{CE}{043D}% CYRILLIC SMALL LETTER EN  
 3136 \SE@MapDeclare{koi8-r}{CF}{043E}% CYRILLIC SMALL LETTER O  
 3137 \SE@MapDeclare{koi8-r}{D0}{043F}% CYRILLIC SMALL LETTER PE  
 3138 \SE@MapDeclare{koi8-r}{D1}{044F}% CYRILLIC SMALL LETTER YA  
 3139 \SE@MapDeclare{koi8-r}{D2}{0440}% CYRILLIC SMALL LETTER ER  
 3140 \SE@MapDeclare{koi8-r}{D3}{0441}% CYRILLIC SMALL LETTER ES  
 3141 \SE@MapDeclare{koi8-r}{D4}{0442}% CYRILLIC SMALL LETTER TE  
 3142 \SE@MapDeclare{koi8-r}{D5}{0443}% CYRILLIC SMALL LETTER U  
 3143 \SE@MapDeclare{koi8-r}{D6}{0436}% CYRILLIC SMALL LETTER ZHE  
 3144 \SE@MapDeclare{koi8-r}{D7}{0432}% CYRILLIC SMALL LETTER VE  
 3145 \SE@MapDeclare{koi8-r}{D8}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 3146 \SE@MapDeclare{koi8-r}{D9}{044B}% CYRILLIC SMALL LETTER YERU  
 3147 \SE@MapDeclare{koi8-r}{DA}{0437}% CYRILLIC SMALL LETTER ZE  
 3148 \SE@MapDeclare{koi8-r}{DB}{0448}% CYRILLIC SMALL LETTER SHA  
 3149 \SE@MapDeclare{koi8-r}{DC}{044D}% CYRILLIC SMALL LETTER E  
 3150 \SE@MapDeclare{koi8-r}{DD}{0449}% CYRILLIC SMALL LETTER SHCHA  
 3151 \SE@MapDeclare{koi8-r}{DE}{0447}% CYRILLIC SMALL LETTER CHE  
 3152 \SE@MapDeclare{koi8-r}{DF}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 3153 \SE@MapDeclare{koi8-r}{E0}{042E}% CYRILLIC CAPITAL LETTER YU

3154 \SE@MapDeclare{koi8-r}{E1}{0410}% CYRILLIC CAPITAL LETTER A  
 3155 \SE@MapDeclare{koi8-r}{E2}{0411}% CYRILLIC CAPITAL LETTER BE  
 3156 \SE@MapDeclare{koi8-r}{E3}{0426}% CYRILLIC CAPITAL LETTER TSE  
 3157 \SE@MapDeclare{koi8-r}{E4}{0414}% CYRILLIC CAPITAL LETTER DE  
 3158 \SE@MapDeclare{koi8-r}{E5}{0415}% CYRILLIC CAPITAL LETTER IE  
 3159 \SE@MapDeclare{koi8-r}{E6}{0424}% CYRILLIC CAPITAL LETTER EF  
 3160 \SE@MapDeclare{koi8-r}{E7}{0413}% CYRILLIC CAPITAL LETTER GHE  
 3161 \SE@MapDeclare{koi8-r}{E8}{0425}% CYRILLIC CAPITAL LETTER HA  
 3162 \SE@MapDeclare{koi8-r}{E9}{0418}% CYRILLIC CAPITAL LETTER I  
 3163 \SE@MapDeclare{koi8-r}{EA}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 3164 \SE@MapDeclare{koi8-r}{EB}{041A}% CYRILLIC CAPITAL LETTER KA  
 3165 \SE@MapDeclare{koi8-r}{EC}{041B}% CYRILLIC CAPITAL LETTER EL  
 3166 \SE@MapDeclare{koi8-r}{ED}{041C}% CYRILLIC CAPITAL LETTER EM  
 3167 \SE@MapDeclare{koi8-r}{EE}{041D}% CYRILLIC CAPITAL LETTER EN  
 3168 \SE@MapDeclare{koi8-r}{EF}{041E}% CYRILLIC CAPITAL LETTER O  
 3169 \SE@MapDeclare{koi8-r}{F0}{041F}% CYRILLIC CAPITAL LETTER PE  
 3170 \SE@MapDeclare{koi8-r}{F1}{042F}% CYRILLIC CAPITAL LETTER YA  
 3171 \SE@MapDeclare{koi8-r}{F2}{0420}% CYRILLIC CAPITAL LETTER ER  
 3172 \SE@MapDeclare{koi8-r}{F3}{0421}% CYRILLIC CAPITAL LETTER ES  
 3173 \SE@MapDeclare{koi8-r}{F4}{0422}% CYRILLIC CAPITAL LETTER TE  
 3174 \SE@MapDeclare{koi8-r}{F5}{0423}% CYRILLIC CAPITAL LETTER U  
 3175 \SE@MapDeclare{koi8-r}{F6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 3176 \SE@MapDeclare{koi8-r}{F7}{0412}% CYRILLIC CAPITAL LETTER VE  
 3177 \SE@MapDeclare{koi8-r}{F8}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 3178 \SE@MapDeclare{koi8-r}{F9}{042B}% CYRILLIC CAPITAL LETTER YERU  
 3179 \SE@MapDeclare{koi8-r}{FA}{0417}% CYRILLIC CAPITAL LETTER ZE  
 3180 \SE@MapDeclare{koi8-r}{FB}{0428}% CYRILLIC CAPITAL LETTER SHA  
 3181 \SE@MapDeclare{koi8-r}{FC}{042D}% CYRILLIC CAPITAL LETTER E  
 3182 \SE@MapDeclare{koi8-r}{FD}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 3183 \SE@MapDeclare{koi8-r}{FE}{0427}% CYRILLIC CAPITAL LETTER CHE  
 3184 \SE@MapDeclare{koi8-r}{FF}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 3185 \SE@MapDeclare{koi8-r}

## nextstep

3186 \SE@MapDeclare{nextstep}{80}{00A0}% NO-BREAK SPACE  
 3187 \SE@MapDeclare{nextstep}{81}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3188 \SE@MapDeclare{nextstep}{82}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3189 \SE@MapDeclare{nextstep}{83}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3190 \SE@MapDeclare{nextstep}{84}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3191 \SE@MapDeclare{nextstep}{85}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3192 \SE@MapDeclare{nextstep}{86}{00C5}% LATIN CAPITAL LETTER A WITH RING  
 3193 \SE@MapDeclare{nextstep}{87}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3194 \SE@MapDeclare{nextstep}{88}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 3195 \SE@MapDeclare{nextstep}{89}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3196 \SE@MapDeclare{nextstep}{8A}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3197 \SE@MapDeclare{nextstep}{8B}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3198 \SE@MapDeclare{nextstep}{8C}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 3199 \SE@MapDeclare{nextstep}{8D}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3200 \SE@MapDeclare{nextstep}{8E}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3201 \SE@MapDeclare{nextstep}{8F}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 3202 \SE@MapDeclare{nextstep}{90}{00D0}% LATIN CAPITAL LETTER ETH  
 3203 \SE@MapDeclare{nextstep}{91}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3204 \SE@MapDeclare{nextstep}{92}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 3205 \SE@MapDeclare{nextstep}{93}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3206 \SE@MapDeclare{nextstep}{94}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3207 \SE@MapDeclare{nextstep}{95}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3208 \SE@MapDeclare{nextstep}{96}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3209 \SE@MapDeclare{nextstep}{97}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 3210 \SE@MapDeclare{nextstep}{98}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3211 \SE@MapDeclare{nextstep}{99}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3212 \SE@MapDeclare{nextstep}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3213 \SE@MapDeclare{nextstep}{9B}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 3214 \SE@MapDeclare{nextstep}{9C}{00DE}% LATIN CAPITAL LETTER THORN  
 3215 \SE@MapDeclare{nextstep}{9D}{00B5}% MICRO SIGN  
 3216 \SE@MapDeclare{nextstep}{9E}{00D7}% MULTIPLICATION SIGN  
 3217 \SE@MapDeclare{nextstep}{9F}{00F7}% DIVISION SIGN  
 3218 \SE@MapDeclare{nextstep}{A0}{00A9}% COPYRIGHT SIGN  
 3219 \SE@MapDeclare{nextstep}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 3220 \SE@MapDeclare{nextstep}{A2}{00A2}% CENT SIGN  
 3221 \SE@MapDeclare{nextstep}{A3}{00A3}% POUND SIGN  
 3222 \SE@MapDeclare{nextstep}{A4}{2044}% FRACTION SLASH  
 3223 \SE@MapDeclare{nextstep}{A5}{00A5}% YEN SIGN  
 3224 \SE@MapDeclare{nextstep}{A6}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3225 \SE@MapDeclare{nextstep}{A7}{00A7}% SECTION SIGN  
 3226 \SE@MapDeclare{nextstep}{A8}{00A4}% CURRENCY SIGN  
 3227 \SE@MapDeclare{nextstep}{A9}{2019}% RIGHT SINGLE QUOTATION MARK  
 3228 \SE@MapDeclare{nextstep}{AA}{201C}% LEFT DOUBLE QUOTATION MARK  
 3229 \SE@MapDeclare{nextstep}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3230 \SE@MapDeclare{nextstep}{AC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3231 \SE@MapDeclare{nextstep}{AD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3232 \SE@MapDeclare{nextstep}{AE}{FB01}% LATIN SMALL LIGATURE FI  
 3233 \SE@MapDeclare{nextstep}{AF}{FB02}% LATIN SMALL LIGATURE FL  
 3234 \SE@MapDeclare{nextstep}{B0}{00AE}% REGISTERED SIGN

3236 \SE@MapDeclare{nextstep}{B1}{2013}% EN DASH  
 3237 \SE@MapDeclare{nextstep}{B2}{2020}% DAGGER  
 3238 \SE@MapDeclare{nextstep}{B3}{2021}% DOUBLE DAGGER  
 3239 \SE@MapDeclare{nextstep}{B4}{00B7}% MIDDLE DOT  
 3240 \SE@MapDeclare{nextstep}{B5}{00A6}% BROKEN BAR  
 3241 \SE@MapDeclare{nextstep}{B6}{00B6}% PILCROW SIGN  
 3242 \SE@MapDeclare{nextstep}{B7}{2022}% BULLET  
 3243 \SE@MapDeclare{nextstep}{B8}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3244 \SE@MapDeclare{nextstep}{B9}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3245 \SE@MapDeclare{nextstep}{BA}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3246 \SE@MapDeclare{nextstep}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3247 \SE@MapDeclare{nextstep}{BC}{2026}% HORIZONTAL ELLIPSIS  
 3248 \SE@MapDeclare{nextstep}{BD}{2030}% PER MILLE SIGN  
 3249 \SE@MapDeclare{nextstep}{BE}{00AC}% NOT SIGN  
 3250 \SE@MapDeclare{nextstep}{BF}{00BF}% INVERTED QUESTION MARK  
 3251 \SE@MapDeclare{nextstep}{C0}{00B9}% SUPERSCRIPIT ONE  
 3252 \SE@MapDeclare{nextstep}{C1}{02CB}% MODIFIER LETTER GRAVE ACCENT  
 3253 \SE@MapDeclare{nextstep}{C2}{00B4}% ACUTE ACCENT  
 3254 \SE@MapDeclare{nextstep}{C3}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT  
 3255 \SE@MapDeclare{nextstep}{C4}{02DC}% SMALL TILDE  
 3256 \SE@MapDeclare{nextstep}{C5}{00AF}% MACRON  
 3257 \SE@MapDeclare{nextstep}{C6}{02D8}% BREVE  
 3258 \SE@MapDeclare{nextstep}{C7}{02D9}% DOT ABOVE  
 3259 \SE@MapDeclare{nextstep}{C8}{00A8}% DIAERESIS  
 3260 \SE@MapDeclare{nextstep}{C9}{00B2}% SUPERSCRIPIT TWO  
 3261 \SE@MapDeclare{nextstep}{CA}{02DA}% RING ABOVE  
 3262 \SE@MapDeclare{nextstep}{CB}{00B8}% CEDILLA  
 3263 \SE@MapDeclare{nextstep}{CC}{00B3}% SUPERSCRIPIT THREE  
 3264 \SE@MapDeclare{nextstep}{CD}{02DD}% DOUBLE ACUTE ACCENT  
 3265 \SE@MapDeclare{nextstep}{CE}{02DB}% OGONEK  
 3266 \SE@MapDeclare{nextstep}{CF}{02C7}% CARON  
 3267 \SE@MapDeclare{nextstep}{D0}{2014}% EM DASH  
 3268 \SE@MapDeclare{nextstep}{D1}{00B1}% PLUS-MINUS SIGN  
 3269 \SE@MapDeclare{nextstep}{D2}{00BC}% VULGAR FRACTION ONE QUARTER  
 3270 \SE@MapDeclare{nextstep}{D3}{00BD}% VULGAR FRACTION ONE HALF  
 3271 \SE@MapDeclare{nextstep}{D4}{00BE}% VULGAR FRACTION THREE QUARTERS  
 3272 \SE@MapDeclare{nextstep}{D5}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3273 \SE@MapDeclare{nextstep}{D6}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3274 \SE@MapDeclare{nextstep}{D7}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3275 \SE@MapDeclare{nextstep}{D8}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3276 \SE@MapDeclare{nextstep}{D9}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3277 \SE@MapDeclare{nextstep}{DA}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3278 \SE@MapDeclare{nextstep}{DB}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3279 \SE@MapDeclare{nextstep}{DC}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3280 \SE@MapDeclare{nextstep}{DD}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3281 \SE@MapDeclare{nextstep}{DE}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3282 \SE@MapDeclare{nextstep}{DF}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3283 \SE@MapDeclare{nextstep}{E0}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3284 \SE@MapDeclare{nextstep}{E1}{00C6}% LATIN CAPITAL LETTER AE  
 3285 \SE@MapDeclare{nextstep}{E2}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3286 \SE@MapDeclare{nextstep}{E3}{00AA}% FEMININE ORDINAL INDICATOR  
 3287 \SE@MapDeclare{nextstep}{E4}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3288 \SE@MapDeclare{nextstep}{E5}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3289 \SE@MapDeclare{nextstep}{E6}{00F0}% LATIN SMALL LETTER ETH  
 3290 \SE@MapDeclare{nextstep}{E7}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3291 \SE@MapDeclare{nextstep}{E8}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 3292 \SE@MapDeclare{nextstep}{E9}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3293 \SE@MapDeclare{nextstep}{EA}{0152}% LATIN CAPITAL LIGATURE OE  
 3294 \SE@MapDeclare{nextstep}{EB}{00BA}% MASCULINE ORDINAL INDICATOR  
 3295 \SE@MapDeclare{nextstep}{EC}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3296 \SE@MapDeclare{nextstep}{ED}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3297 \SE@MapDeclare{nextstep}{EE}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3298 \SE@MapDeclare{nextstep}{EF}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3299 \SE@MapDeclare{nextstep}{F0}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3300 \SE@MapDeclare{nextstep}{F1}{00E6}% LATIN SMALL LETTER AE  
 3301 \SE@MapDeclare{nextstep}{F2}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3302 \SE@MapDeclare{nextstep}{F3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3303 \SE@MapDeclare{nextstep}{F4}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3304 \SE@MapDeclare{nextstep}{F5}{0131}% LATIN SMALL LETTER DOTLESS I  
 3305 \SE@MapDeclare{nextstep}{F6}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3306 \SE@MapDeclare{nextstep}{F7}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 3307 \SE@MapDeclare{nextstep}{F8}{0142}% LATIN SMALL LETTER L WITH STROKE  
 3308 \SE@MapDeclare{nextstep}{F9}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3309 \SE@MapDeclare{nextstep}{FA}{0153}% LATIN SMALL LIGATURE OE  
 3310 \SE@MapDeclare{nextstep}{FB}{00DF}% LATIN SMALL LETTER SHARP S  
 3311 \SE@MapDeclare{nextstep}{FC}{00FE}% LATIN SMALL LETTER THORN  
 3312 \SE@MapDeclare{nextstep}{FD}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3313 (/nextstep)

## mac-centeuro

3314 (\*mac-centeuro)  
 3315 \SE@MapDeclare{mac-centeuro}{80}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3316 \SE@MapDeclare{mac-centeuro}{81}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 3317 \SE@MapDeclare{mac-centeuro}{82}{0101}% LATIN SMALL LETTER A WITH MACRON

3318 \SE@MapDeclare{mac-centeuro}{83}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
3319 \SE@MapDeclare{mac-centeuro}{84}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
3320 \SE@MapDeclare{mac-centeuro}{85}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
3321 \SE@MapDeclare{mac-centeuro}{86}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
3322 \SE@MapDeclare{mac-centeuro}{87}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
3323 \SE@MapDeclare{mac-centeuro}{88}{0105}% LATIN SMALL LETTER A WITH OGONEK  
3324 \SE@MapDeclare{mac-centeuro}{89}{010C}% LATIN CAPITAL LETTER C WITH CARON  
3325 \SE@MapDeclare{mac-centeuro}{8A}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
3326 \SE@MapDeclare{mac-centeuro}{8B}{010D}% LATIN SMALL LETTER C WITH CARON  
3327 \SE@MapDeclare{mac-centeuro}{8C}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
3328 \SE@MapDeclare{mac-centeuro}{8D}{0107}% LATIN SMALL LETTER C WITH ACUTE  
3329 \SE@MapDeclare{mac-centeuro}{8E}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
3330 \SE@MapDeclare{mac-centeuro}{8F}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
3331 \SE@MapDeclare{mac-centeuro}{90}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
3332 \SE@MapDeclare{mac-centeuro}{91}{010E}% LATIN CAPITAL LETTER D WITH CARON  
3333 \SE@MapDeclare{mac-centeuro}{92}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
3334 \SE@MapDeclare{mac-centeuro}{93}{010F}% LATIN SMALL LETTER D WITH CARON  
3335 \SE@MapDeclare{mac-centeuro}{94}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
3336 \SE@MapDeclare{mac-centeuro}{95}{0113}% LATIN SMALL LETTER E WITH MACRON  
3337 \SE@MapDeclare{mac-centeuro}{96}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
3338 \SE@MapDeclare{mac-centeuro}{97}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
3339 \SE@MapDeclare{mac-centeuro}{98}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
3340 \SE@MapDeclare{mac-centeuro}{99}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
3341 \SE@MapDeclare{mac-centeuro}{9A}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
3342 \SE@MapDeclare{mac-centeuro}{9B}{00F5}% LATIN SMALL LETTER O WITH TILDE  
3343 \SE@MapDeclare{mac-centeuro}{9C}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
3344 \SE@MapDeclare{mac-centeuro}{9D}{011A}% LATIN CAPITAL LETTER E WITH CARON  
3345 \SE@MapDeclare{mac-centeuro}{9E}{011B}% LATIN SMALL LETTER E WITH CARON  
3346 \SE@MapDeclare{mac-centeuro}{9F}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
3347 \SE@MapDeclare{mac-centeuro}{A0}{2020}% DAGGER  
3348 \SE@MapDeclare{mac-centeuro}{A1}{00B0}% DEGREE SIGN  
3349 \SE@MapDeclare{mac-centeuro}{A2}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
3350 \SE@MapDeclare{mac-centeuro}{A3}{00A3}% POUND SIGN  
3351 \SE@MapDeclare{mac-centeuro}{A4}{00A7}% SECTION SIGN  
3352 \SE@MapDeclare{mac-centeuro}{A5}{2022}% BULLET  
3353 \SE@MapDeclare{mac-centeuro}{A6}{00B6}% PILCROW SIGN  
3354 \SE@MapDeclare{mac-centeuro}{A7}{00DF}% LATIN SMALL LETTER SHARP S  
3355 \SE@MapDeclare{mac-centeuro}{A8}{00AE}% REGISTERED SIGN  
3356 \SE@MapDeclare{mac-centeuro}{A9}{00A9}% COPYRIGHT SIGN  
3357 \SE@MapDeclare{mac-centeuro}{AA}{2122}% TRADE MARK SIGN  
3358 \SE@MapDeclare{mac-centeuro}{AB}{0119}% LATIN SMALL LETTER E WITH OGONEK  
3359 \SE@MapDeclare{mac-centeuro}{AC}{00A8}% DIAERESIS  
3360 \SE@MapDeclare{mac-centeuro}{AD}{2260}% NOT EQUAL TO  
3361 \SE@MapDeclare{mac-centeuro}{AE}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
3362 \SE@MapDeclare{mac-centeuro}{AF}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
3363 \SE@MapDeclare{mac-centeuro}{B0}{012F}% LATIN SMALL LETTER I WITH OGONEK  
3364 \SE@MapDeclare{mac-centeuro}{B1}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
3365 \SE@MapDeclare{mac-centeuro}{B2}{2264}% LESS-THAN OR EQUAL TO  
3366 \SE@MapDeclare{mac-centeuro}{B3}{2265}% GREATER-THAN OR EQUAL TO  
3367 \SE@MapDeclare{mac-centeuro}{B4}{012B}% LATIN SMALL LETTER I WITH MACRON  
3368 \SE@MapDeclare{mac-centeuro}{B5}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
3369 \SE@MapDeclare{mac-centeuro}{B6}{2202}% PARTIAL DIFFERENTIAL  
3370 \SE@MapDeclare{mac-centeuro}{B7}{2211}% N-ARY SUMMATION  
3371 \SE@MapDeclare{mac-centeuro}{B8}{0142}% LATIN SMALL LETTER L WITH STROKE  
3372 \SE@MapDeclare{mac-centeuro}{B9}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
3373 \SE@MapDeclare{mac-centeuro}{BA}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
3374 \SE@MapDeclare{mac-centeuro}{BB}{013D}% LATIN CAPITAL LETTER L WITH CARON  
3375 \SE@MapDeclare{mac-centeuro}{BC}{013E}% LATIN SMALL LETTER L WITH CARON  
3376 \SE@MapDeclare{mac-centeuro}{BD}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
3377 \SE@MapDeclare{mac-centeuro}{BE}{013A}% LATIN SMALL LETTER L WITH ACUTE  
3378 \SE@MapDeclare{mac-centeuro}{BF}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
3379 \SE@MapDeclare{mac-centeuro}{C0}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
3380 \SE@MapDeclare{mac-centeuro}{C1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
3381 \SE@MapDeclare{mac-centeuro}{C2}{00AC}% NOT SIGN  
3382 \SE@MapDeclare{mac-centeuro}{C3}{221A}% SQUARE ROOT  
3383 \SE@MapDeclare{mac-centeuro}{C4}{0144}% LATIN SMALL LETTER N WITH ACUTE  
3384 \SE@MapDeclare{mac-centeuro}{C5}{0147}% LATIN CAPITAL LETTER N WITH CARON  
3385 \SE@MapDeclare{mac-centeuro}{C6}{2206}% INCREMENT  
3386 \SE@MapDeclare{mac-centeuro}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
3387 \SE@MapDeclare{mac-centeuro}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
3388 \SE@MapDeclare{mac-centeuro}{C9}{2026}% HORIZONTAL ELLIPSIS  
3389 \SE@MapDeclare{mac-centeuro}{CA}{00A0}% NO-BREAK SPACE  
3390 \SE@MapDeclare{mac-centeuro}{CB}{0148}% LATIN SMALL LETTER N WITH CARON  
3391 \SE@MapDeclare{mac-centeuro}{CC}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
3392 \SE@MapDeclare{mac-centeuro}{CD}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
3393 \SE@MapDeclare{mac-centeuro}{CE}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
3394 \SE@MapDeclare{mac-centeuro}{CF}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
3395 \SE@MapDeclare{mac-centeuro}{D0}{2013}% EN DASH  
3396 \SE@MapDeclare{mac-centeuro}{D1}{2014}% EM DASH  
3397 \SE@MapDeclare{mac-centeuro}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
3398 \SE@MapDeclare{mac-centeuro}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
3399 \SE@MapDeclare{mac-centeuro}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
3400 \SE@MapDeclare{mac-centeuro}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
3401 \SE@MapDeclare{mac-centeuro}{D6}{00F7}% DIVISION SIGN  
3402 \SE@MapDeclare{mac-centeuro}{D7}{25CA}% LOZENGE  
3403 \SE@MapDeclare{mac-centeuro}{D8}{014D}% LATIN SMALL LETTER O WITH MACRON

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3404 \SE@MapDeclare{mac-centeuro}{D9}{0154}% LATIN CAPITAL LETTER R WITH ACUTE
3405 \SE@MapDeclare{mac-centeuro}{DA}{0155}% LATIN SMALL LETTER R WITH ACUTE
3406 \SE@MapDeclare{mac-centeuro}{DB}{0158}% LATIN CAPITAL LETTER R WITH CARON
3407 \SE@MapDeclare{mac-centeuro}{DC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK
3408 \SE@MapDeclare{mac-centeuro}{DD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
3409 \SE@MapDeclare{mac-centeuro}{DE}{0159}% LATIN SMALL LETTER R WITH CARON
3410 \SE@MapDeclare{mac-centeuro}{DF}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA
3411 \SE@MapDeclare{mac-centeuro}{E0}{0157}% LATIN SMALL LETTER R WITH CEDILLA
3412 \SE@MapDeclare{mac-centeuro}{E1}{0160}% LATIN CAPITAL LETTER S WITH CARON
3413 \SE@MapDeclare{mac-centeuro}{E2}{201A}% SINGLE LOW-9 QUOTATION MARK
3414 \SE@MapDeclare{mac-centeuro}{E3}{201E}% DOUBLE LOW-9 QUOTATION MARK
3415 \SE@MapDeclare{mac-centeuro}{E4}{0161}% LATIN SMALL LETTER S WITH CARON
3416 \SE@MapDeclare{mac-centeuro}{E5}{015A}% LATIN CAPITAL LETTER S WITH ACUTE
3417 \SE@MapDeclare{mac-centeuro}{E6}{015B}% LATIN SMALL LETTER S WITH ACUTE
3418 \SE@MapDeclare{mac-centeuro}{E7}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE
3419 \SE@MapDeclare{mac-centeuro}{E8}{0164}% LATIN CAPITAL LETTER T WITH CARON
3420 \SE@MapDeclare{mac-centeuro}{E9}{0165}% LATIN SMALL LETTER T WITH CARON
3421 \SE@MapDeclare{mac-centeuro}{EA}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE
3422 \SE@MapDeclare{mac-centeuro}{EB}{017D}% LATIN CAPITAL LETTER Z WITH CARON
3423 \SE@MapDeclare{mac-centeuro}{EC}{017E}% LATIN SMALL LETTER Z WITH CARON
3424 \SE@MapDeclare{mac-centeuro}{ED}{016A}% LATIN CAPITAL LETTER U WITH MACRON
3425 \SE@MapDeclare{mac-centeuro}{EE}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
3426 \SE@MapDeclare{mac-centeuro}{EF}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX
3427 \SE@MapDeclare{mac-centeuro}{F0}{016B}% LATIN SMALL LETTER U WITH MACRON
3428 \SE@MapDeclare{mac-centeuro}{F1}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE
3429 \SE@MapDeclare{mac-centeuro}{F2}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE
3430 \SE@MapDeclare{mac-centeuro}{F3}{016F}% LATIN SMALL LETTER U WITH RING ABOVE
3431 \SE@MapDeclare{mac-centeuro}{F4}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE
3432 \SE@MapDeclare{mac-centeuro}{F5}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE
3433 \SE@MapDeclare{mac-centeuro}{F6}{0172}% LATIN CAPITAL LETTER U WITH OGONEK
3434 \SE@MapDeclare{mac-centeuro}{F7}{0173}% LATIN SMALL LETTER U WITH OGONEK
3435 \SE@MapDeclare{mac-centeuro}{F8}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE
3436 \SE@MapDeclare{mac-centeuro}{F9}{00FD}% LATIN SMALL LETTER Y WITH ACUTE
3437 \SE@MapDeclare{mac-centeuro}{FA}{0137}% LATIN SMALL LETTER K WITH CEDILLA
3438 \SE@MapDeclare{mac-centeuro}{FB}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE
3439 \SE@MapDeclare{mac-centeuro}{FC}{0141}% LATIN CAPITAL LETTER L WITH STROKE
3440 \SE@MapDeclare{mac-centeuro}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE
3441 \SE@MapDeclare{mac-centeuro}{FE}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA
3442 \SE@MapDeclare{mac-centeuro}{FF}{02C7}% CARON
3443 \SE@MapDeclare{mac-centeuro}

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## mac-cyrillic

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3444 (*mac-cyrillic)
3445 \SE@MapDeclare{mac-cyrillic}{80}{0410}% CYRILLIC CAPITAL LETTER A
3446 \SE@MapDeclare{mac-cyrillic}{81}{0411}% CYRILLIC CAPITAL LETTER BE
3447 \SE@MapDeclare{mac-cyrillic}{82}{0412}% CYRILLIC CAPITAL LETTER VE
3448 \SE@MapDeclare{mac-cyrillic}{83}{0413}% CYRILLIC CAPITAL LETTER GHE
3449 \SE@MapDeclare{mac-cyrillic}{84}{0414}% CYRILLIC CAPITAL LETTER DE
3450 \SE@MapDeclare{mac-cyrillic}{85}{0415}% CYRILLIC CAPITAL LETTER IE
3451 \SE@MapDeclare{mac-cyrillic}{86}{0416}% CYRILLIC CAPITAL LETTER ZHE
3452 \SE@MapDeclare{mac-cyrillic}{87}{0417}% CYRILLIC CAPITAL LETTER ZE
3453 \SE@MapDeclare{mac-cyrillic}{88}{0418}% CYRILLIC CAPITAL LETTER I
3454 \SE@MapDeclare{mac-cyrillic}{89}{0419}% CYRILLIC CAPITAL LETTER SHORT I
3455 \SE@MapDeclare{mac-cyrillic}{8A}{041A}% CYRILLIC CAPITAL LETTER KA
3456 \SE@MapDeclare{mac-cyrillic}{8B}{041B}% CYRILLIC CAPITAL LETTER EL
3457 \SE@MapDeclare{mac-cyrillic}{8C}{041C}% CYRILLIC CAPITAL LETTER EM
3458 \SE@MapDeclare{mac-cyrillic}{8D}{041D}% CYRILLIC CAPITAL LETTER EN
3459 \SE@MapDeclare{mac-cyrillic}{8E}{041E}% CYRILLIC CAPITAL LETTER O
3460 \SE@MapDeclare{mac-cyrillic}{8F}{041F}% CYRILLIC CAPITAL LETTER PE
3461 \SE@MapDeclare{mac-cyrillic}{90}{0420}% CYRILLIC CAPITAL LETTER ER
3462 \SE@MapDeclare{mac-cyrillic}{91}{0421}% CYRILLIC CAPITAL LETTER ES
3463 \SE@MapDeclare{mac-cyrillic}{92}{0422}% CYRILLIC CAPITAL LETTER TE
3464 \SE@MapDeclare{mac-cyrillic}{93}{0423}% CYRILLIC CAPITAL LETTER U
3465 \SE@MapDeclare{mac-cyrillic}{94}{0424}% CYRILLIC CAPITAL LETTER EF
3466 \SE@MapDeclare{mac-cyrillic}{95}{0425}% CYRILLIC CAPITAL LETTER HA
3467 \SE@MapDeclare{mac-cyrillic}{96}{0426}% CYRILLIC CAPITAL LETTER TSE
3468 \SE@MapDeclare{mac-cyrillic}{97}{0427}% CYRILLIC CAPITAL LETTER CHE
3469 \SE@MapDeclare{mac-cyrillic}{98}{0428}% CYRILLIC CAPITAL LETTER SHA
3470 \SE@MapDeclare{mac-cyrillic}{99}{0429}% CYRILLIC CAPITAL LETTER SHCHA
3471 \SE@MapDeclare{mac-cyrillic}{9A}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN
3472 \SE@MapDeclare{mac-cyrillic}{9B}{042B}% CYRILLIC CAPITAL LETTER YERU
3473 \SE@MapDeclare{mac-cyrillic}{9C}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN
3474 \SE@MapDeclare{mac-cyrillic}{9D}{042D}% CYRILLIC CAPITAL LETTER E
3475 \SE@MapDeclare{mac-cyrillic}{9E}{042E}% CYRILLIC CAPITAL LETTER YU
3476 \SE@MapDeclare{mac-cyrillic}{9F}{042F}% CYRILLIC CAPITAL LETTER YA
3477 \SE@MapDeclare{mac-cyrillic}{A0}{2020}% DAGGER
3478 \SE@MapDeclare{mac-cyrillic}{A1}{00B0}% DEGREE SIGN
3479 \SE@MapDeclare{mac-cyrillic}{A2}{0490}% CYRILLIC CAPITAL LETTER GHE WITH UPTURN
3480 \SE@MapDeclare{mac-cyrillic}{A3}{00A3}% POUND SIGN
3481 \SE@MapDeclare{mac-cyrillic}{A4}{00A7}% SECTION SIGN
3482 \SE@MapDeclare{mac-cyrillic}{A5}{2022}% BULLET
3483 \SE@MapDeclare{mac-cyrillic}{A6}{00B6}% PILCROW SIGN
3484 \SE@MapDeclare{mac-cyrillic}{A7}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I
3485 \SE@MapDeclare{mac-cyrillic}{A8}{00AE}% REGISTERED SIGN

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3486 \SE@MapDeclare{mac-cyrillic}{A9}{00A9}% COPYRIGHT SIGN  
3487 \SE@MapDeclare{mac-cyrillic}{AA}{2122}% TRADE MARK SIGN  
3488 \SE@MapDeclare{mac-cyrillic}{AB}{0402}% CYRILLIC CAPITAL LETTER DJE  
3489 \SE@MapDeclare{mac-cyrillic}{AC}{0452}% CYRILLIC SMALL LETTER DJE  
3490 \SE@MapDeclare{mac-cyrillic}{AD}{2260}% NOT EQUAL TO  
3491 \SE@MapDeclare{mac-cyrillic}{AE}{0403}% CYRILLIC CAPITAL LETTER GJE  
3492 \SE@MapDeclare{mac-cyrillic}{AF}{0453}% CYRILLIC SMALL LETTER GJE  
3493 \SE@MapDeclare{mac-cyrillic}{B0}{221E}% INFINITY  
3494 \SE@MapDeclare{mac-cyrillic}{B1}{00B1}% PLUS-MINUS SIGN  
3495 \SE@MapDeclare{mac-cyrillic}{B2}{2264}% LESS-THAN OR EQUAL TO  
3496 \SE@MapDeclare{mac-cyrillic}{B3}{2265}% GREATER-THAN OR EQUAL TO  
3497 \SE@MapDeclare{mac-cyrillic}{B4}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
3498 \SE@MapDeclare{mac-cyrillic}{B5}{00B5}% MICRO SIGN  
3499 \SE@MapDeclare{mac-cyrillic}{B6}{0491}% CYRILLIC SMALL LETTER GHE WITH UPTURN  
3500 \SE@MapDeclare{mac-cyrillic}{B7}{0408}% CYRILLIC CAPITAL LETTER JE  
3501 \SE@MapDeclare{mac-cyrillic}{B8}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
3502 \SE@MapDeclare{mac-cyrillic}{B9}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
3503 \SE@MapDeclare{mac-cyrillic}{BA}{0407}% CYRILLIC CAPITAL LETTER YI  
3504 \SE@MapDeclare{mac-cyrillic}{BB}{0457}% CYRILLIC SMALL LETTER YI  
3505 \SE@MapDeclare{mac-cyrillic}{BC}{0409}% CYRILLIC CAPITAL LETTER LJE  
3506 \SE@MapDeclare{mac-cyrillic}{BD}{0459}% CYRILLIC SMALL LETTER LJE  
3507 \SE@MapDeclare{mac-cyrillic}{BE}{040A}% CYRILLIC CAPITAL LETTER NJE  
3508 \SE@MapDeclare{mac-cyrillic}{BF}{045A}% CYRILLIC SMALL LETTER NJE  
3509 \SE@MapDeclare{mac-cyrillic}{C0}{0458}% CYRILLIC SMALL LETTER JE  
3510 \SE@MapDeclare{mac-cyrillic}{C1}{0405}% CYRILLIC CAPITAL LETTER DZE  
3511 \SE@MapDeclare{mac-cyrillic}{C2}{00AC}% NOT SIGN  
3512 \SE@MapDeclare{mac-cyrillic}{C3}{221A}% SQUARE ROOT  
3513 \SE@MapDeclare{mac-cyrillic}{C4}{0192}% LATIN SMALL LETTER F WITH HOOK  
3514 \SE@MapDeclare{mac-cyrillic}{C5}{2248}% ALMOST EQUAL TO  
3515 \SE@MapDeclare{mac-cyrillic}{C6}{2206}% INCREMENT  
3516 \SE@MapDeclare{mac-cyrillic}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
3517 \SE@MapDeclare{mac-cyrillic}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
3518 \SE@MapDeclare{mac-cyrillic}{C9}{2026}% HORIZONTAL ELLIPSIS  
3519 \SE@MapDeclare{mac-cyrillic}{CA}{00A0}% NO-BREAK SPACE  
3520 \SE@MapDeclare{mac-cyrillic}{CB}{040B}% CYRILLIC CAPITAL LETTER TSHE  
3521 \SE@MapDeclare{mac-cyrillic}{CC}{045B}% CYRILLIC SMALL LETTER TSHE  
3522 \SE@MapDeclare{mac-cyrillic}{CD}{040C}% CYRILLIC CAPITAL LETTER KJE  
3523 \SE@MapDeclare{mac-cyrillic}{CE}{045C}% CYRILLIC SMALL LETTER KJE  
3524 \SE@MapDeclare{mac-cyrillic}{CF}{0455}% CYRILLIC SMALL LETTER DZE  
3525 \SE@MapDeclare{mac-cyrillic}{D0}{2013}% EN DASH  
3526 \SE@MapDeclare{mac-cyrillic}{D1}{2014}% EM DASH  
3527 \SE@MapDeclare{mac-cyrillic}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
3528 \SE@MapDeclare{mac-cyrillic}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
3529 \SE@MapDeclare{mac-cyrillic}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
3530 \SE@MapDeclare{mac-cyrillic}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
3531 \SE@MapDeclare{mac-cyrillic}{D6}{00F7}% DIVISION SIGN  
3532 \SE@MapDeclare{mac-cyrillic}{D7}{201E}% DOUBLE LOW-9 QUOTATION MARK  
3533 \SE@MapDeclare{mac-cyrillic}{D8}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
3534 \SE@MapDeclare{mac-cyrillic}{D9}{045E}% CYRILLIC SMALL LETTER SHORT U  
3535 \SE@MapDeclare{mac-cyrillic}{DA}{040F}% CYRILLIC CAPITAL LETTER DZHE  
3536 \SE@MapDeclare{mac-cyrillic}{DB}{045F}% CYRILLIC SMALL LETTER DZHE  
3537 \SE@MapDeclare{mac-cyrillic}{DC}{2116}% NUMERO SIGN  
3538 \SE@MapDeclare{mac-cyrillic}{DD}{0401}% CYRILLIC CAPITAL LETTER IO  
3539 \SE@MapDeclare{mac-cyrillic}{DE}{0451}% CYRILLIC SMALL LETTER IO  
3540 \SE@MapDeclare{mac-cyrillic}{DF}{044F}% CYRILLIC SMALL LETTER YA  
3541 \SE@MapDeclare{mac-cyrillic}{E0}{0430}% CYRILLIC SMALL LETTER A  
3542 \SE@MapDeclare{mac-cyrillic}{E1}{0431}% CYRILLIC SMALL LETTER BE  
3543 \SE@MapDeclare{mac-cyrillic}{E2}{0432}% CYRILLIC SMALL LETTER VE  
3544 \SE@MapDeclare{mac-cyrillic}{E3}{0433}% CYRILLIC SMALL LETTER GHE  
3545 \SE@MapDeclare{mac-cyrillic}{E4}{0434}% CYRILLIC SMALL LETTER DE  
3546 \SE@MapDeclare{mac-cyrillic}{E5}{0435}% CYRILLIC SMALL LETTER IE  
3547 \SE@MapDeclare{mac-cyrillic}{E6}{0436}% CYRILLIC SMALL LETTER ZHE  
3548 \SE@MapDeclare{mac-cyrillic}{E7}{0437}% CYRILLIC SMALL LETTER ZE  
3549 \SE@MapDeclare{mac-cyrillic}{E8}{0438}% CYRILLIC SMALL LETTER I  
3550 \SE@MapDeclare{mac-cyrillic}{E9}{0439}% CYRILLIC SMALL LETTER SHORT I  
3551 \SE@MapDeclare{mac-cyrillic}{EA}{043A}% CYRILLIC SMALL LETTER KA  
3552 \SE@MapDeclare{mac-cyrillic}{EB}{043B}% CYRILLIC SMALL LETTER EL  
3553 \SE@MapDeclare{mac-cyrillic}{EC}{043C}% CYRILLIC SMALL LETTER EM  
3554 \SE@MapDeclare{mac-cyrillic}{ED}{043D}% CYRILLIC SMALL LETTER EN  
3555 \SE@MapDeclare{mac-cyrillic}{EE}{043E}% CYRILLIC SMALL LETTER O  
3556 \SE@MapDeclare{mac-cyrillic}{EF}{043F}% CYRILLIC SMALL LETTER PE  
3557 \SE@MapDeclare{mac-cyrillic}{F0}{0440}% CYRILLIC SMALL LETTER ER  
3558 \SE@MapDeclare{mac-cyrillic}{F1}{0441}% CYRILLIC SMALL LETTER ES  
3559 \SE@MapDeclare{mac-cyrillic}{F2}{0442}% CYRILLIC SMALL LETTER TE  
3560 \SE@MapDeclare{mac-cyrillic}{F3}{0443}% CYRILLIC SMALL LETTER U  
3561 \SE@MapDeclare{mac-cyrillic}{F4}{0444}% CYRILLIC SMALL LETTER EF  
3562 \SE@MapDeclare{mac-cyrillic}{F5}{0445}% CYRILLIC SMALL LETTER HA  
3563 \SE@MapDeclare{mac-cyrillic}{F6}{0446}% CYRILLIC SMALL LETTER TSE  
3564 \SE@MapDeclare{mac-cyrillic}{F7}{0447}% CYRILLIC SMALL LETTER CHE  
3565 \SE@MapDeclare{mac-cyrillic}{F8}{0448}% CYRILLIC SMALL LETTER SHA  
3566 \SE@MapDeclare{mac-cyrillic}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
3567 \SE@MapDeclare{mac-cyrillic}{FA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
3568 \SE@MapDeclare{mac-cyrillic}{FB}{044B}% CYRILLIC SMALL LETTER YERU  
3569 \SE@MapDeclare{mac-cyrillic}{FC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
3570 \SE@MapDeclare{mac-cyrillic}{FD}{044D}% CYRILLIC SMALL LETTER E  
3571 \SE@MapDeclare{mac-cyrillic}{FE}{044E}% CYRILLIC SMALL LETTER YU



3572 \SE@MapDeclare{mac-cyrillic}{FF}{20AC}% EURO SIGN  
 3573 \SE@MapDeclare{mac-cyrillic}

## mac-roman

3574 (\*mac-roman)  
 3575 \SE@MapDeclare{mac-roman}{80}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3576 \SE@MapDeclare{mac-roman}{81}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 3577 \SE@MapDeclare{mac-roman}{82}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3578 \SE@MapDeclare{mac-roman}{83}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3579 \SE@MapDeclare{mac-roman}{84}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3580 \SE@MapDeclare{mac-roman}{85}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3581 \SE@MapDeclare{mac-roman}{86}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3582 \SE@MapDeclare{mac-roman}{87}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3583 \SE@MapDeclare{mac-roman}{88}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3584 \SE@MapDeclare{mac-roman}{89}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3585 \SE@MapDeclare{mac-roman}{8A}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3586 \SE@MapDeclare{mac-roman}{8B}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3587 \SE@MapDeclare{mac-roman}{8C}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3588 \SE@MapDeclare{mac-roman}{8D}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3589 \SE@MapDeclare{mac-roman}{8E}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3590 \SE@MapDeclare{mac-roman}{8F}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3591 \SE@MapDeclare{mac-roman}{90}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3592 \SE@MapDeclare{mac-roman}{91}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3593 \SE@MapDeclare{mac-roman}{92}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3594 \SE@MapDeclare{mac-roman}{93}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3595 \SE@MapDeclare{mac-roman}{94}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3596 \SE@MapDeclare{mac-roman}{95}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3597 \SE@MapDeclare{mac-roman}{96}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3598 \SE@MapDeclare{mac-roman}{97}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3599 \SE@MapDeclare{mac-roman}{98}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3600 \SE@MapDeclare{mac-roman}{99}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3601 \SE@MapDeclare{mac-roman}{9A}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3602 \SE@MapDeclare{mac-roman}{9B}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3603 \SE@MapDeclare{mac-roman}{9C}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3604 \SE@MapDeclare{mac-roman}{9D}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3605 \SE@MapDeclare{mac-roman}{9E}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3606 \SE@MapDeclare{mac-roman}{9F}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3607 \SE@MapDeclare{mac-roman}{A0}{2020}% DAGGER  
 3608 \SE@MapDeclare{mac-roman}{A1}{00B0}% DEGREE SIGN  
 3609 \SE@MapDeclare{mac-roman}{A2}{00A2}% CENT SIGN  
 3610 \SE@MapDeclare{mac-roman}{A3}{00A3}% POUND SIGN  
 3611 \SE@MapDeclare{mac-roman}{A4}{00A7}% SECTION SIGN  
 3612 \SE@MapDeclare{mac-roman}{A5}{2022}% BULLET  
 3613 \SE@MapDeclare{mac-roman}{A6}{00B6}% PILCROW SIGN  
 3614 \SE@MapDeclare{mac-roman}{A7}{00DF}% LATIN SMALL LETTER SHARP S  
 3615 \SE@MapDeclare{mac-roman}{A8}{00AE}% REGISTERED SIGN  
 3616 \SE@MapDeclare{mac-roman}{A9}{00A9}% COPYRIGHT SIGN  
 3617 \SE@MapDeclare{mac-roman}{AA}{2122}% TRADE MARK SIGN  
 3618 \SE@MapDeclare{mac-roman}{AB}{00B4}% ACUTE ACCENT  
 3619 \SE@MapDeclare{mac-roman}{AC}{00A8}% DIAERESIS  
 3620 \SE@MapDeclare{mac-roman}{AD}{2260}% NOT EQUAL TO  
 3621 \SE@MapDeclare{mac-roman}{AE}{00C6}% LATIN CAPITAL LETTER AE  
 3622 \SE@MapDeclare{mac-roman}{AF}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3623 \SE@MapDeclare{mac-roman}{B0}{221E}% INFINITY  
 3624 \SE@MapDeclare{mac-roman}{B1}{00B1}% PLUS-MINUS SIGN  
 3625 \SE@MapDeclare{mac-roman}{B2}{2264}% LESS-THAN OR EQUAL TO  
 3626 \SE@MapDeclare{mac-roman}{B3}{2265}% GREATER-THAN OR EQUAL TO  
 3627 \SE@MapDeclare{mac-roman}{B4}{00A5}% YEN SIGN  
 3628 \SE@MapDeclare{mac-roman}{B5}{00B5}% MICRO SIGN  
 3629 \SE@MapDeclare{mac-roman}{B6}{2202}% PARTIAL DIFFERENTIAL  
 3630 \SE@MapDeclare{mac-roman}{B7}{2211}% N-ARY SUMMATION  
 3631 \SE@MapDeclare{mac-roman}{B8}{220F}% N-ARY PRODUCT  
 3632 \SE@MapDeclare{mac-roman}{B9}{03C0}% GREEK SMALL LETTER PI  
 3633 \SE@MapDeclare{mac-roman}{BA}{222B}% INTEGRAL  
 3634 \SE@MapDeclare{mac-roman}{BB}{00AA}% FEMININE ORDINAL INDICATOR  
 3635 \SE@MapDeclare{mac-roman}{BC}{00BA}% MASCULINE ORDINAL INDICATOR  
 3636 \SE@MapDeclare{mac-roman}{BD}{03A9}% GREEK CAPITAL LETTER OMEGA  
 3637 \SE@MapDeclare{mac-roman}{BE}{00E6}% LATIN SMALL LETTER AE  
 3638 \SE@MapDeclare{mac-roman}{BF}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3639 \SE@MapDeclare{mac-roman}{C0}{00BF}% INVERTED QUESTION MARK  
 3640 \SE@MapDeclare{mac-roman}{C1}{00A1}% INVERTED EXCLAMATION MARK  
 3641 \SE@MapDeclare{mac-roman}{C2}{00AC}% NOT SIGN  
 3642 \SE@MapDeclare{mac-roman}{C3}{221A}% SQUARE ROOT  
 3643 \SE@MapDeclare{mac-roman}{C4}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3644 \SE@MapDeclare{mac-roman}{C5}{2248}% ALMOST EQUAL TO  
 3645 \SE@MapDeclare{mac-roman}{C6}{2206}% INCREMENT  
 3646 \SE@MapDeclare{mac-roman}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3647 \SE@MapDeclare{mac-roman}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3648 \SE@MapDeclare{mac-roman}{C9}{2026}% HORIZONTAL ELLIPSIS  
 3649 \SE@MapDeclare{mac-roman}{CA}{00A0}% NO-BREAK SPACE  
 3650 \SE@MapDeclare{mac-roman}{CB}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3651 \SE@MapDeclare{mac-roman}{CC}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3652 \SE@MapDeclare{mac-roman}{CD}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3653 \SE@MapDeclare{mac-roman}{CE}{0152}% LATIN CAPITAL LIGATURE OE

3654 \SE@MapDeclare{mac-roman}{CF}{0153}% LATIN SMALL LIGATURE OE  
 3655 \SE@MapDeclare{mac-roman}{D0}{2013}% EN DASH  
 3656 \SE@MapDeclare{mac-roman}{D1}{2014}% EM DASH  
 3657 \SE@MapDeclare{mac-roman}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
 3658 \SE@MapDeclare{mac-roman}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3659 \SE@MapDeclare{mac-roman}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
 3660 \SE@MapDeclare{mac-roman}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
 3661 \SE@MapDeclare{mac-roman}{D6}{00F7}% DIVISION SIGN  
 3662 \SE@MapDeclare{mac-roman}{D7}{25CA}% LOZENGE  
 3663 \SE@MapDeclare{mac-roman}{D8}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3664 \SE@MapDeclare{mac-roman}{D9}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 3665 \SE@MapDeclare{mac-roman}{DA}{2044}% FRACTION SLASH  
 3666 \SE@MapDeclare{mac-roman}{DB}{20AC}% EURO SIGN  
 3667 \SE@MapDeclare{mac-roman}{DC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3668 \SE@MapDeclare{mac-roman}{DD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3669 \SE@MapDeclare{mac-roman}{DE}{FB01}% LATIN SMALL LIGATURE FI  
 3670 \SE@MapDeclare{mac-roman}{DF}{FB02}% LATIN SMALL LIGATURE FL  
 3671 \SE@MapDeclare{mac-roman}{E0}{2021}% DOUBLE DAGGER  
 3672 \SE@MapDeclare{mac-roman}{E1}{00B7}% MIDDLE DOT  
 3673 \SE@MapDeclare{mac-roman}{E2}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3674 \SE@MapDeclare{mac-roman}{E3}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3675 \SE@MapDeclare{mac-roman}{E4}{2030}% PER MILLE SIGN  
 3676 \SE@MapDeclare{mac-roman}{E5}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3677 \SE@MapDeclare{mac-roman}{E6}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3678 \SE@MapDeclare{mac-roman}{E7}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3679 \SE@MapDeclare{mac-roman}{E8}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3680 \SE@MapDeclare{mac-roman}{E9}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 3681 \SE@MapDeclare{mac-roman}{EA}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3682 \SE@MapDeclare{mac-roman}{EB}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3683 \SE@MapDeclare{mac-roman}{EC}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 3684 \SE@MapDeclare{mac-roman}{ED}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 3685 \SE@MapDeclare{mac-roman}{EE}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3686 \SE@MapDeclare{mac-roman}{EF}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3687 \SE@MapDeclare{mac-roman}{F0}{F8FF}% Apple logo  
 3688 \SE@MapDeclare{mac-roman}{F1}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 3689 \SE@MapDeclare{mac-roman}{F2}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3690 \SE@MapDeclare{mac-roman}{F3}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3691 \SE@MapDeclare{mac-roman}{F4}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 3692 \SE@MapDeclare{mac-roman}{F5}{0131}% LATIN SMALL LETTER DOTLESS I  
 3693 \SE@MapDeclare{mac-roman}{F6}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT  
 3694 \SE@MapDeclare{mac-roman}{F7}{02DC}% SMALL TILDE  
 3695 \SE@MapDeclare{mac-roman}{F8}{00AF}% MACRON  
 3696 \SE@MapDeclare{mac-roman}{F9}{02D8}% BREVE  
 3697 \SE@MapDeclare{mac-roman}{FA}{02D9}% DOT ABOVE  
 3698 \SE@MapDeclare{mac-roman}{FB}{02DA}% RING ABOVE  
 3699 \SE@MapDeclare{mac-roman}{FC}{00B8}% CEDILLA  
 3700 \SE@MapDeclare{mac-roman}{FD}{02DD}% DOUBLE ACUTE ACCENT  
 3701 \SE@MapDeclare{mac-roman}{FE}{02DB}% OGONEK  
 3702 \SE@MapDeclare{mac-roman}{FF}{02C7}% CARON  
 3703 (/mac-roman)

## dec-mcs

3704 (\*dec-mcs)  
 3705 \SE@MapDeclare{dec-mcs}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 3706 \SE@MapDeclare{dec-mcs}{A2}{00A2}% CENT SIGN  
 3707 \SE@MapDeclare{dec-mcs}{A3}{00A3}% POUND SIGN  
 3708 \SE@MapDeclare{dec-mcs}{A5}{00A5}% YEN SIGN  
 3709 \SE@MapDeclare{dec-mcs}{A7}{00A7}% SECTION SIGN  
 3710 \SE@MapDeclare{dec-mcs}{A8}{00A4}% CURRENCY SIGN  
 3711 \SE@MapDeclare{dec-mcs}{A9}{00A9}% COPYRIGHT SIGN  
 3712 \SE@MapDeclare{dec-mcs}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
 3713 \SE@MapDeclare{dec-mcs}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3714 \SE@MapDeclare{dec-mcs}{B0}{00B0}% DEGREE SIGN  
 3715 \SE@MapDeclare{dec-mcs}{B1}{00B1}% PLUS-MINUS SIGN  
 3716 \SE@MapDeclare{dec-mcs}{B2}{00B2}% SUPERSCRIPIT TWO  
 3717 \SE@MapDeclare{dec-mcs}{B3}{00B3}% SUPERSCRIPIT THREE  
 3718 \SE@MapDeclare{dec-mcs}{B5}{00B5}% MICRO SIGN  
 3719 \SE@MapDeclare{dec-mcs}{B6}{00B6}% PILCROW SIGN  
 3720 \SE@MapDeclare{dec-mcs}{B7}{00B7}% MIDDLE DOT  
 3721 \SE@MapDeclare{dec-mcs}{B9}{00B9}% SUPERSCRIPIT ONE  
 3722 \SE@MapDeclare{dec-mcs}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
 3723 \SE@MapDeclare{dec-mcs}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3724 \SE@MapDeclare{dec-mcs}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 3725 \SE@MapDeclare{dec-mcs}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 3726 \SE@MapDeclare{dec-mcs}{BF}{00BF}% INVERTED QUESTION MARK  
 3727 \SE@MapDeclare{dec-mcs}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3728 \SE@MapDeclare{dec-mcs}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3729 \SE@MapDeclare{dec-mcs}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3730 \SE@MapDeclare{dec-mcs}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3731 \SE@MapDeclare{dec-mcs}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3732 \SE@MapDeclare{dec-mcs}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 3733 \SE@MapDeclare{dec-mcs}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 3734 \SE@MapDeclare{dec-mcs}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3735 \SE@MapDeclare{dec-mcs}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE

3736 \SE@MapDeclare{dec-mcs}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3737 \SE@MapDeclare{dec-mcs}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3738 \SE@MapDeclare{dec-mcs}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3739 \SE@MapDeclare{dec-mcs}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 3740 \SE@MapDeclare{dec-mcs}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3741 \SE@MapDeclare{dec-mcs}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3742 \SE@MapDeclare{dec-mcs}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 3743 \SE@MapDeclare{dec-mcs}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3744 \SE@MapDeclare{dec-mcs}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 3745 \SE@MapDeclare{dec-mcs}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3746 \SE@MapDeclare{dec-mcs}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3747 \SE@MapDeclare{dec-mcs}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3748 \SE@MapDeclare{dec-mcs}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3749 \SE@MapDeclare{dec-mcs}{D7}{0152}% LATIN CAPITAL LIGATURE OE  
 3750 \SE@MapDeclare{dec-mcs}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3751 \SE@MapDeclare{dec-mcs}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 3752 \SE@MapDeclare{dec-mcs}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3753 \SE@MapDeclare{dec-mcs}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3754 \SE@MapDeclare{dec-mcs}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3755 \SE@MapDeclare{dec-mcs}{DD}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 3756 \SE@MapDeclare{dec-mcs}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 3757 \SE@MapDeclare{dec-mcs}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3758 \SE@MapDeclare{dec-mcs}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3759 \SE@MapDeclare{dec-mcs}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3760 \SE@MapDeclare{dec-mcs}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3761 \SE@MapDeclare{dec-mcs}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3762 \SE@MapDeclare{dec-mcs}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3763 \SE@MapDeclare{dec-mcs}{E6}{00E6}% LATIN SMALL LETTER AE  
 3764 \SE@MapDeclare{dec-mcs}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3765 \SE@MapDeclare{dec-mcs}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3766 \SE@MapDeclare{dec-mcs}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3767 \SE@MapDeclare{dec-mcs}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3768 \SE@MapDeclare{dec-mcs}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3769 \SE@MapDeclare{dec-mcs}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3770 \SE@MapDeclare{dec-mcs}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3771 \SE@MapDeclare{dec-mcs}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3772 \SE@MapDeclare{dec-mcs}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3773 \SE@MapDeclare{dec-mcs}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3774 \SE@MapDeclare{dec-mcs}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3775 \SE@MapDeclare{dec-mcs}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3776 \SE@MapDeclare{dec-mcs}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3777 \SE@MapDeclare{dec-mcs}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3778 \SE@MapDeclare{dec-mcs}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3779 \SE@MapDeclare{dec-mcs}{F7}{0153}% LATIN SMALL LIGATURE OE  
 3780 \SE@MapDeclare{dec-mcs}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3781 \SE@MapDeclare{dec-mcs}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3782 \SE@MapDeclare{dec-mcs}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3783 \SE@MapDeclare{dec-mcs}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3784 \SE@MapDeclare{dec-mcs}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3785 \SE@MapDeclare{dec-mcs}{FD}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3786 \SE@MapDeclare{dec-mcs}

## cp437

3787 \SE@MapDeclare{cp437}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3788 \SE@MapDeclare{cp437}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3789 \SE@MapDeclare{cp437}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3790 \SE@MapDeclare{cp437}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3791 \SE@MapDeclare{cp437}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3792 \SE@MapDeclare{cp437}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3793 \SE@MapDeclare{cp437}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3794 \SE@MapDeclare{cp437}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3795 \SE@MapDeclare{cp437}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3796 \SE@MapDeclare{cp437}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3797 \SE@MapDeclare{cp437}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3798 \SE@MapDeclare{cp437}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3799 \SE@MapDeclare{cp437}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3800 \SE@MapDeclare{cp437}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3801 \SE@MapDeclare{cp437}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3802 \SE@MapDeclare{cp437}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 3803 \SE@MapDeclare{cp437}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3804 \SE@MapDeclare{cp437}{91}{00E6}% LATIN SMALL LIGATURE AE  
 3805 \SE@MapDeclare{cp437}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 3806 \SE@MapDeclare{cp437}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3807 \SE@MapDeclare{cp437}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3808 \SE@MapDeclare{cp437}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3809 \SE@MapDeclare{cp437}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3810 \SE@MapDeclare{cp437}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3811 \SE@MapDeclare{cp437}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3812 \SE@MapDeclare{cp437}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3813 \SE@MapDeclare{cp437}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3814 \SE@MapDeclare{cp437}{9B}{00A2}% CENT SIGN  
 3815 \SE@MapDeclare{cp437}{9C}{00A3}% POUND SIGN  
 3816 \SE@MapDeclare{cp437}{9D}{00A5}% YEN SIGN

3818 \SE@MapDeclare{cp437}{9E}{20A7}% PESETA SIGN  
 3819 \SE@MapDeclare{cp437}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3820 \SE@MapDeclare{cp437}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3821 \SE@MapDeclare{cp437}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3822 \SE@MapDeclare{cp437}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3823 \SE@MapDeclare{cp437}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3824 \SE@MapDeclare{cp437}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3825 \SE@MapDeclare{cp437}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3826 \SE@MapDeclare{cp437}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 3827 \SE@MapDeclare{cp437}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 3828 \SE@MapDeclare{cp437}{A8}{00BF}% INVERTED QUESTION MARK  
 3829 \SE@MapDeclare{cp437}{A9}{2310}% REVERSED NOT SIGN  
 3830 \SE@MapDeclare{cp437}{AA}{00AC}% NOT SIGN  
 3831 \SE@MapDeclare{cp437}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 3832 \SE@MapDeclare{cp437}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 3833 \SE@MapDeclare{cp437}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 3834 \SE@MapDeclare{cp437}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3835 \SE@MapDeclare{cp437}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3836 \SE@MapDeclare{cp437}{B0}{2591}% LIGHT SHADE  
 3837 \SE@MapDeclare{cp437}{B1}{2592}% MEDIUM SHADE  
 3838 \SE@MapDeclare{cp437}{B2}{2593}% DARK SHADE  
 3839 \SE@MapDeclare{cp437}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 3840 \SE@MapDeclare{cp437}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 3841 \SE@MapDeclare{cp437}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 3842 \SE@MapDeclare{cp437}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 3843 \SE@MapDeclare{cp437}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 3844 \SE@MapDeclare{cp437}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 3845 \SE@MapDeclare{cp437}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 3846 \SE@MapDeclare{cp437}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 3847 \SE@MapDeclare{cp437}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 3848 \SE@MapDeclare{cp437}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 3849 \SE@MapDeclare{cp437}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 3850 \SE@MapDeclare{cp437}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 3851 \SE@MapDeclare{cp437}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 3852 \SE@MapDeclare{cp437}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 3853 \SE@MapDeclare{cp437}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 3854 \SE@MapDeclare{cp437}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 3855 \SE@MapDeclare{cp437}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 3856 \SE@MapDeclare{cp437}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 3857 \SE@MapDeclare{cp437}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 3858 \SE@MapDeclare{cp437}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 3859 \SE@MapDeclare{cp437}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 3860 \SE@MapDeclare{cp437}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 3861 \SE@MapDeclare{cp437}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 3862 \SE@MapDeclare{cp437}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 3863 \SE@MapDeclare{cp437}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 3864 \SE@MapDeclare{cp437}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 3865 \SE@MapDeclare{cp437}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 3866 \SE@MapDeclare{cp437}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 3867 \SE@MapDeclare{cp437}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 3868 \SE@MapDeclare{cp437}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 3869 \SE@MapDeclare{cp437}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 3870 \SE@MapDeclare{cp437}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 3871 \SE@MapDeclare{cp437}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 3872 \SE@MapDeclare{cp437}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 3873 \SE@MapDeclare{cp437}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 3874 \SE@MapDeclare{cp437}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 3875 \SE@MapDeclare{cp437}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 3876 \SE@MapDeclare{cp437}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 3877 \SE@MapDeclare{cp437}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 3878 \SE@MapDeclare{cp437}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 3879 \SE@MapDeclare{cp437}{DB}{2588}% FULL BLOCK  
 3880 \SE@MapDeclare{cp437}{DC}{2584}% LOWER HALF BLOCK  
 3881 \SE@MapDeclare{cp437}{DD}{258C}% LEFT HALF BLOCK  
 3882 \SE@MapDeclare{cp437}{DE}{2590}% RIGHT HALF BLOCK  
 3883 \SE@MapDeclare{cp437}{DF}{2580}% UPPER HALF BLOCK  
 3884 \SE@MapDeclare{cp437}{E0}{03B1}% GREEK SMALL LETTER ALPHA  
 3885 \SE@MapDeclare{cp437}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 3886 \SE@MapDeclare{cp437}{E2}{0393}% GREEK CAPITAL LETTER GAMMA  
 3887 \SE@MapDeclare{cp437}{E3}{03C0}% GREEK SMALL LETTER PI  
 3888 \SE@MapDeclare{cp437}{E4}{03A3}% GREEK CAPITAL LETTER SIGMA  
 3889 \SE@MapDeclare{cp437}{E5}{03C3}% GREEK SMALL LETTER SIGMA  
 3890 \SE@MapDeclare{cp437}{E6}{00B5}% MICRO SIGN  
 3891 \SE@MapDeclare{cp437}{E7}{03C4}% GREEK SMALL LETTER TAU  
 3892 \SE@MapDeclare{cp437}{E8}{03A6}% GREEK CAPITAL LETTER PHI  
 3893 \SE@MapDeclare{cp437}{E9}{0398}% GREEK CAPITAL LETTER THETA  
 3894 \SE@MapDeclare{cp437}{EA}{03A9}% GREEK CAPITAL LETTER OMEGA  
 3895 \SE@MapDeclare{cp437}{EB}{03B4}% GREEK SMALL LETTER DELTA  
 3896 \SE@MapDeclare{cp437}{EC}{221E}% INFINITY  
 3897 \SE@MapDeclare{cp437}{ED}{03C6}% GREEK SMALL LETTER PHI  
 3898 \SE@MapDeclare{cp437}{EE}{03B5}% GREEK SMALL LETTER EPSILON  
 3899 \SE@MapDeclare{cp437}{EF}{2229}% INTERSECTION  
 3900 \SE@MapDeclare{cp437}{F0}{2261}% IDENTICAL TO  
 3901 \SE@MapDeclare{cp437}{F1}{00B1}% PLUS-MINUS SIGN  
 3902 \SE@MapDeclare{cp437}{F2}{2265}% GREATER-THAN OR EQUAL TO  
 3903 \SE@MapDeclare{cp437}{F3}{2264}% LESS-THAN OR EQUAL TO

3904 \SE@MapDeclare{cp437}{F4}{2320}% TOP HALF INTEGRAL  
 3905 \SE@MapDeclare{cp437}{F5}{2321}% BOTTOM HALF INTEGRAL  
 3906 \SE@MapDeclare{cp437}{F6}{00F7}% DIVISION SIGN  
 3907 \SE@MapDeclare{cp437}{F7}{2248}% ALMOST EQUAL TO  
 3908 \SE@MapDeclare{cp437}{F8}{00B0}% DEGREE SIGN  
 3909 \SE@MapDeclare{cp437}{F9}{2219}% BULLET OPERATOR  
 3910 \SE@MapDeclare{cp437}{FA}{00B7}% MIDDLE DOT  
 3911 \SE@MapDeclare{cp437}{FB}{221A}% SQUARE ROOT  
 3912 \SE@MapDeclare{cp437}{FC}{207F}% SUPERSCRITPT LATIN SMALL LETTER N  
 3913 \SE@MapDeclare{cp437}{FD}{00B2}% SUPERSCRITPT TWO  
 3914 \SE@MapDeclare{cp437}{FE}{25A0}% BLACK SQUARE  
 3915 \SE@MapDeclare{cp437}{FF}{00A0}% NO-BREAK SPACE  
 3916 </cp437>

## cp850

3917 <\*cp850>  
 3918 \SE@MapDeclare{cp850}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3919 \SE@MapDeclare{cp850}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3920 \SE@MapDeclare{cp850}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3921 \SE@MapDeclare{cp850}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3922 \SE@MapDeclare{cp850}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3923 \SE@MapDeclare{cp850}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3924 \SE@MapDeclare{cp850}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3925 \SE@MapDeclare{cp850}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3926 \SE@MapDeclare{cp850}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3927 \SE@MapDeclare{cp850}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3928 \SE@MapDeclare{cp850}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3929 \SE@MapDeclare{cp850}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3930 \SE@MapDeclare{cp850}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3931 \SE@MapDeclare{cp850}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3932 \SE@MapDeclare{cp850}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3933 \SE@MapDeclare{cp850}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 3934 \SE@MapDeclare{cp850}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3935 \SE@MapDeclare{cp850}{91}{00E6}% LATIN SMALL LIGATURE AE  
 3936 \SE@MapDeclare{cp850}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 3937 \SE@MapDeclare{cp850}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3938 \SE@MapDeclare{cp850}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3939 \SE@MapDeclare{cp850}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3940 \SE@MapDeclare{cp850}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3941 \SE@MapDeclare{cp850}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3942 \SE@MapDeclare{cp850}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3943 \SE@MapDeclare{cp850}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3944 \SE@MapDeclare{cp850}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3945 \SE@MapDeclare{cp850}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3946 \SE@MapDeclare{cp850}{9C}{00A3}% POUND SIGN  
 3947 \SE@MapDeclare{cp850}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3948 \SE@MapDeclare{cp850}{9E}{00D7}% MULTIPLICATION SIGN  
 3949 \SE@MapDeclare{cp850}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3950 \SE@MapDeclare{cp850}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3951 \SE@MapDeclare{cp850}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3952 \SE@MapDeclare{cp850}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3953 \SE@MapDeclare{cp850}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3954 \SE@MapDeclare{cp850}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3955 \SE@MapDeclare{cp850}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3956 \SE@MapDeclare{cp850}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 3957 \SE@MapDeclare{cp850}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 3958 \SE@MapDeclare{cp850}{A8}{00BF}% INVERTED QUESTION MARK  
 3959 \SE@MapDeclare{cp850}{A9}{00AE}% REGISTERED SIGN  
 3960 \SE@MapDeclare{cp850}{AA}{00AC}% NOT SIGN  
 3961 \SE@MapDeclare{cp850}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 3962 \SE@MapDeclare{cp850}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 3963 \SE@MapDeclare{cp850}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 3964 \SE@MapDeclare{cp850}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3965 \SE@MapDeclare{cp850}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3966 \SE@MapDeclare{cp850}{B0}{2591}% LIGHT SHADE  
 3967 \SE@MapDeclare{cp850}{B1}{2592}% MEDIUM SHADE  
 3968 \SE@MapDeclare{cp850}{B2}{2593}% DARK SHADE  
 3969 \SE@MapDeclare{cp850}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 3970 \SE@MapDeclare{cp850}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 3971 \SE@MapDeclare{cp850}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3972 \SE@MapDeclare{cp850}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3973 \SE@MapDeclare{cp850}{B7}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3974 \SE@MapDeclare{cp850}{B8}{00A9}% COPYRIGHT SIGN  
 3975 \SE@MapDeclare{cp850}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 3976 \SE@MapDeclare{cp850}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 3977 \SE@MapDeclare{cp850}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 3978 \SE@MapDeclare{cp850}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 3979 \SE@MapDeclare{cp850}{BD}{00A2}% CENT SIGN  
 3980 \SE@MapDeclare{cp850}{BE}{00A5}% YEN SIGN  
 3981 \SE@MapDeclare{cp850}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 3982 \SE@MapDeclare{cp850}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 3983 \SE@MapDeclare{cp850}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 3984 \SE@MapDeclare{cp850}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 3985 \SE@MapDeclare{cp850}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT

3986 \SE@MapDeclare{cp850}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 3987 \SE@MapDeclare{cp850}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 3988 \SE@MapDeclare{cp850}{C6}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3989 \SE@MapDeclare{cp850}{C7}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3990 \SE@MapDeclare{cp850}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 3991 \SE@MapDeclare{cp850}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 3992 \SE@MapDeclare{cp850}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 3993 \SE@MapDeclare{cp850}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 3994 \SE@MapDeclare{cp850}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 3995 \SE@MapDeclare{cp850}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 3996 \SE@MapDeclare{cp850}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 3997 \SE@MapDeclare{cp850}{CF}{00A4}% CURRENCY SIGN  
 3998 \SE@MapDeclare{cp850}{D0}{00F0}% LATIN SMALL LETTER ETH  
 3999 \SE@MapDeclare{cp850}{D1}{00D0}% LATIN CAPITAL LETTER ETH  
 4000 \SE@MapDeclare{cp850}{D2}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 4001 \SE@MapDeclare{cp850}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4002 \SE@MapDeclare{cp850}{D4}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 4003 \SE@MapDeclare{cp850}{D5}{0131}% LATIN SMALL LETTER DOTLESS I  
 4004 \SE@MapDeclare{cp850}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4005 \SE@MapDeclare{cp850}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4006 \SE@MapDeclare{cp850}{D8}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 4007 \SE@MapDeclare{cp850}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4008 \SE@MapDeclare{cp850}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4009 \SE@MapDeclare{cp850}{DB}{2588}% FULL BLOCK  
 4010 \SE@MapDeclare{cp850}{DC}{2584}% LOWER HALF BLOCK  
 4011 \SE@MapDeclare{cp850}{DD}{00A6}% BROKEN BAR  
 4012 \SE@MapDeclare{cp850}{DE}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 4013 \SE@MapDeclare{cp850}{DF}{2580}% UPPER HALF BLOCK  
 4014 \SE@MapDeclare{cp850}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4015 \SE@MapDeclare{cp850}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4016 \SE@MapDeclare{cp850}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4017 \SE@MapDeclare{cp850}{E3}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 4018 \SE@MapDeclare{cp850}{E4}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 4019 \SE@MapDeclare{cp850}{E5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 4020 \SE@MapDeclare{cp850}{E6}{00B5}% MICRO SIGN  
 4021 \SE@MapDeclare{cp850}{E7}{00FE}% LATIN SMALL LETTER THORN  
 4022 \SE@MapDeclare{cp850}{E8}{00DE}% LATIN CAPITAL LETTER THORN  
 4023 \SE@MapDeclare{cp850}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4024 \SE@MapDeclare{cp850}{EA}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 4025 \SE@MapDeclare{cp850}{EB}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 4026 \SE@MapDeclare{cp850}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4027 \SE@MapDeclare{cp850}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4028 \SE@MapDeclare{cp850}{EE}{00AF}% MACRON  
 4029 \SE@MapDeclare{cp850}{EF}{00B4}% ACUTE ACCENT  
 4030 \SE@MapDeclare{cp850}{F0}{00AD}% SOFT HYPHEN  
 4031 \SE@MapDeclare{cp850}{F1}{00B1}% PLUS-MINUS SIGN  
 4032 \SE@MapDeclare{cp850}{F2}{2017}% DOUBLE LOW LINE  
 4033 \SE@MapDeclare{cp850}{F3}{00BE}% VULGAR FRACTION THREE QUARTERS  
 4034 \SE@MapDeclare{cp850}{F4}{00B6}% PILCROW SIGN  
 4035 \SE@MapDeclare{cp850}{F5}{00A7}% SECTION SIGN  
 4036 \SE@MapDeclare{cp850}{F6}{00F7}% DIVISION SIGN  
 4037 \SE@MapDeclare{cp850}{F7}{00B8}% CEDILLA  
 4038 \SE@MapDeclare{cp850}{F8}{00B0}% DEGREE SIGN  
 4039 \SE@MapDeclare{cp850}{F9}{00A8}% DIAERESIS  
 4040 \SE@MapDeclare{cp850}{FA}{00B7}% MIDDLE DOT  
 4041 \SE@MapDeclare{cp850}{FB}{00B9}% SUPERScript ONE  
 4042 \SE@MapDeclare{cp850}{FC}{00B3}% SUPERScript THREE  
 4043 \SE@MapDeclare{cp850}{FD}{00B2}% SUPERScript TWO  
 4044 \SE@MapDeclare{cp850}{FE}{25A0}% BLACK SQUARE  
 4045 \SE@MapDeclare{cp850}{FF}{00A0}% NO-BREAK SPACE  
 4046 \SE@MapDeclare{cp850}{}

## cp852

4047 (\*cp852)  
 4048 \SE@MapDeclare{cp852}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4049 \SE@MapDeclare{cp852}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4050 \SE@MapDeclare{cp852}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4051 \SE@MapDeclare{cp852}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4052 \SE@MapDeclare{cp852}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4053 \SE@MapDeclare{cp852}{85}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 4054 \SE@MapDeclare{cp852}{86}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 4055 \SE@MapDeclare{cp852}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4056 \SE@MapDeclare{cp852}{88}{0142}% LATIN SMALL LETTER L WITH STROKE  
 4057 \SE@MapDeclare{cp852}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4058 \SE@MapDeclare{cp852}{8A}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 4059 \SE@MapDeclare{cp852}{8B}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 4060 \SE@MapDeclare{cp852}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4061 \SE@MapDeclare{cp852}{8D}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 4062 \SE@MapDeclare{cp852}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4063 \SE@MapDeclare{cp852}{8F}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 4064 \SE@MapDeclare{cp852}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4065 \SE@MapDeclare{cp852}{91}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 4066 \SE@MapDeclare{cp852}{92}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 4067 \SE@MapDeclare{cp852}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX

4068 \SE@MapDeclare{cp852}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4069 \SE@MapDeclare{cp852}{95}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 4070 \SE@MapDeclare{cp852}{96}{013E}% LATIN SMALL LETTER L WITH CARON  
 4071 \SE@MapDeclare{cp852}{97}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 4072 \SE@MapDeclare{cp852}{98}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 4073 \SE@MapDeclare{cp852}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4074 \SE@MapDeclare{cp852}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4075 \SE@MapDeclare{cp852}{9B}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 4076 \SE@MapDeclare{cp852}{9C}{0165}% LATIN SMALL LETTER T WITH CARON  
 4077 \SE@MapDeclare{cp852}{9D}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 4078 \SE@MapDeclare{cp852}{9E}{00D7}% MULTIPLICATION SIGN  
 4079 \SE@MapDeclare{cp852}{9F}{010D}% LATIN SMALL LETTER C WITH CARON  
 4080 \SE@MapDeclare{cp852}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4081 \SE@MapDeclare{cp852}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4082 \SE@MapDeclare{cp852}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4083 \SE@MapDeclare{cp852}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4084 \SE@MapDeclare{cp852}{A4}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 4085 \SE@MapDeclare{cp852}{A5}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 4086 \SE@MapDeclare{cp852}{A6}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 4087 \SE@MapDeclare{cp852}{A7}{017E}% LATIN SMALL LETTER Z WITH CARON  
 4088 \SE@MapDeclare{cp852}{A8}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 4089 \SE@MapDeclare{cp852}{A9}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 4090 \SE@MapDeclare{cp852}{AA}{00AC}% NOT SIGN  
 4091 \SE@MapDeclare{cp852}{AB}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 4092 \SE@MapDeclare{cp852}{AC}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 4093 \SE@MapDeclare{cp852}{AD}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 4094 \SE@MapDeclare{cp852}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4095 \SE@MapDeclare{cp852}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4096 \SE@MapDeclare{cp852}{B0}{2591}% LIGHT SHADE  
 4097 \SE@MapDeclare{cp852}{B1}{2592}% MEDIUM SHADE  
 4098 \SE@MapDeclare{cp852}{B2}{2593}% DARK SHADE  
 4099 \SE@MapDeclare{cp852}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4100 \SE@MapDeclare{cp852}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4101 \SE@MapDeclare{cp852}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4102 \SE@MapDeclare{cp852}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4103 \SE@MapDeclare{cp852}{B7}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 4104 \SE@MapDeclare{cp852}{B8}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 4105 \SE@MapDeclare{cp852}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4106 \SE@MapDeclare{cp852}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4107 \SE@MapDeclare{cp852}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4108 \SE@MapDeclare{cp852}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4109 \SE@MapDeclare{cp852}{BD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 4110 \SE@MapDeclare{cp852}{BE}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 4111 \SE@MapDeclare{cp852}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4112 \SE@MapDeclare{cp852}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4113 \SE@MapDeclare{cp852}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4114 \SE@MapDeclare{cp852}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4115 \SE@MapDeclare{cp852}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4116 \SE@MapDeclare{cp852}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4117 \SE@MapDeclare{cp852}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4118 \SE@MapDeclare{cp852}{C6}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 4119 \SE@MapDeclare{cp852}{C7}{0103}% LATIN SMALL LETTER A WITH BREVE  
 4120 \SE@MapDeclare{cp852}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4121 \SE@MapDeclare{cp852}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4122 \SE@MapDeclare{cp852}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4123 \SE@MapDeclare{cp852}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4124 \SE@MapDeclare{cp852}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4125 \SE@MapDeclare{cp852}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4126 \SE@MapDeclare{cp852}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4127 \SE@MapDeclare{cp852}{CF}{00A4}% CURRENCY SIGN  
 4128 \SE@MapDeclare{cp852}{D0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 4129 \SE@MapDeclare{cp852}{D1}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 4130 \SE@MapDeclare{cp852}{D2}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 4131 \SE@MapDeclare{cp852}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4132 \SE@MapDeclare{cp852}{D4}{010F}% LATIN SMALL LETTER D WITH CARON  
 4133 \SE@MapDeclare{cp852}{D5}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 4134 \SE@MapDeclare{cp852}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4135 \SE@MapDeclare{cp852}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4136 \SE@MapDeclare{cp852}{D8}{011B}% LATIN SMALL LETTER E WITH CARON  
 4137 \SE@MapDeclare{cp852}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4138 \SE@MapDeclare{cp852}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4139 \SE@MapDeclare{cp852}{DB}{2588}% FULL BLOCK  
 4140 \SE@MapDeclare{cp852}{DC}{2584}% LOWER HALF BLOCK  
 4141 \SE@MapDeclare{cp852}{DD}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 4142 \SE@MapDeclare{cp852}{DE}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 4143 \SE@MapDeclare{cp852}{DF}{2580}% UPPER HALF BLOCK  
 4144 \SE@MapDeclare{cp852}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4145 \SE@MapDeclare{cp852}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4146 \SE@MapDeclare{cp852}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4147 \SE@MapDeclare{cp852}{E3}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 4148 \SE@MapDeclare{cp852}{E4}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 4149 \SE@MapDeclare{cp852}{E5}{0148}% LATIN SMALL LETTER N WITH CARON  
 4150 \SE@MapDeclare{cp852}{E6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 4151 \SE@MapDeclare{cp852}{E7}{0161}% LATIN SMALL LETTER S WITH CARON  
 4152 \SE@MapDeclare{cp852}{E8}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 4153 \SE@MapDeclare{cp852}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE

4154 \SE@MapDeclare{cp852}{EA}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 4155 \SE@MapDeclare{cp852}{EB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 4156 \SE@MapDeclare{cp852}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4157 \SE@MapDeclare{cp852}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4158 \SE@MapDeclare{cp852}{EE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 4159 \SE@MapDeclare{cp852}{EF}{00B4}% ACUTE ACCENT  
 4160 \SE@MapDeclare{cp852}{F0}{00AD}% SOFT HYPHEN  
 4161 \SE@MapDeclare{cp852}{F1}{02DD}% DOUBLE ACUTE ACCENT  
 4162 \SE@MapDeclare{cp852}{F2}{02DB}% OGONEK  
 4163 \SE@MapDeclare{cp852}{F3}{02C7}% CARON  
 4164 \SE@MapDeclare{cp852}{F4}{02D8}% BREVE  
 4165 \SE@MapDeclare{cp852}{F5}{00A7}% SECTION SIGN  
 4166 \SE@MapDeclare{cp852}{F6}{00F7}% DIVISION SIGN  
 4167 \SE@MapDeclare{cp852}{F7}{00B8}% CEDILLA  
 4168 \SE@MapDeclare{cp852}{F8}{00B0}% DEGREE SIGN  
 4169 \SE@MapDeclare{cp852}{F9}{00A8}% DIAERESIS  
 4170 \SE@MapDeclare{cp852}{FA}{02D9}% DOT ABOVE  
 4171 \SE@MapDeclare{cp852}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 4172 \SE@MapDeclare{cp852}{FC}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 4173 \SE@MapDeclare{cp852}{FD}{0159}% LATIN SMALL LETTER R WITH CARON  
 4174 \SE@MapDeclare{cp852}{FE}{25A0}% BLACK SQUARE  
 4175 \SE@MapDeclare{cp852}{FF}{00A0}% NO-BREAK SPACE  
 4176 \</cp852>

## cp855

4177 \<\*cp855>  
 4178 \SE@MapDeclare{cp855}{80}{0452}% CYRILLIC SMALL LETTER DJE  
 4179 \SE@MapDeclare{cp855}{81}{0402}% CYRILLIC CAPITAL LETTER DJE  
 4180 \SE@MapDeclare{cp855}{82}{0453}% CYRILLIC SMALL LETTER GJE  
 4181 \SE@MapDeclare{cp855}{83}{0403}% CYRILLIC CAPITAL LETTER GJE  
 4182 \SE@MapDeclare{cp855}{84}{0451}% CYRILLIC SMALL LETTER IO  
 4183 \SE@MapDeclare{cp855}{85}{0401}% CYRILLIC CAPITAL LETTER IO  
 4184 \SE@MapDeclare{cp855}{86}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4185 \SE@MapDeclare{cp855}{87}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4186 \SE@MapDeclare{cp855}{88}{0455}% CYRILLIC SMALL LETTER DZE  
 4187 \SE@MapDeclare{cp855}{89}{0405}% CYRILLIC CAPITAL LETTER DZE  
 4188 \SE@MapDeclare{cp855}{8A}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 4189 \SE@MapDeclare{cp855}{8B}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 4190 \SE@MapDeclare{cp855}{8C}{0457}% CYRILLIC SMALL LETTER YI  
 4191 \SE@MapDeclare{cp855}{8D}{0407}% CYRILLIC CAPITAL LETTER YI  
 4192 \SE@MapDeclare{cp855}{8E}{0458}% CYRILLIC SMALL LETTER JE  
 4193 \SE@MapDeclare{cp855}{8F}{0408}% CYRILLIC CAPITAL LETTER JE  
 4194 \SE@MapDeclare{cp855}{90}{0459}% CYRILLIC SMALL LETTER LJE  
 4195 \SE@MapDeclare{cp855}{91}{0409}% CYRILLIC CAPITAL LETTER LJE  
 4196 \SE@MapDeclare{cp855}{92}{045A}% CYRILLIC SMALL LETTER NJE  
 4197 \SE@MapDeclare{cp855}{93}{040A}% CYRILLIC CAPITAL LETTER NJE  
 4198 \SE@MapDeclare{cp855}{94}{045B}% CYRILLIC SMALL LETTER TSHE  
 4199 \SE@MapDeclare{cp855}{95}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 4200 \SE@MapDeclare{cp855}{96}{045C}% CYRILLIC SMALL LETTER KJE  
 4201 \SE@MapDeclare{cp855}{97}{040C}% CYRILLIC CAPITAL LETTER KJE  
 4202 \SE@MapDeclare{cp855}{98}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4203 \SE@MapDeclare{cp855}{99}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4204 \SE@MapDeclare{cp855}{9A}{045F}% CYRILLIC SMALL LETTER DZHE  
 4205 \SE@MapDeclare{cp855}{9B}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 4206 \SE@MapDeclare{cp855}{9C}{044E}% CYRILLIC SMALL LETTER YU  
 4207 \SE@MapDeclare{cp855}{9D}{042E}% CYRILLIC CAPITAL LETTER YU  
 4208 \SE@MapDeclare{cp855}{9E}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4209 \SE@MapDeclare{cp855}{9F}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4210 \SE@MapDeclare{cp855}{A0}{0430}% CYRILLIC SMALL LETTER A  
 4211 \SE@MapDeclare{cp855}{A1}{0410}% CYRILLIC CAPITAL LETTER A  
 4212 \SE@MapDeclare{cp855}{A2}{0431}% CYRILLIC SMALL LETTER BE  
 4213 \SE@MapDeclare{cp855}{A3}{0411}% CYRILLIC CAPITAL LETTER BE  
 4214 \SE@MapDeclare{cp855}{A4}{0446}% CYRILLIC SMALL LETTER TSE  
 4215 \SE@MapDeclare{cp855}{A5}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4216 \SE@MapDeclare{cp855}{A6}{0434}% CYRILLIC SMALL LETTER DE  
 4217 \SE@MapDeclare{cp855}{A7}{0414}% CYRILLIC CAPITAL LETTER DE  
 4218 \SE@MapDeclare{cp855}{A8}{0435}% CYRILLIC SMALL LETTER IE  
 4219 \SE@MapDeclare{cp855}{A9}{0415}% CYRILLIC CAPITAL LETTER IE  
 4220 \SE@MapDeclare{cp855}{AA}{0444}% CYRILLIC SMALL LETTER EF  
 4221 \SE@MapDeclare{cp855}{AB}{0424}% CYRILLIC CAPITAL LETTER EF  
 4222 \SE@MapDeclare{cp855}{AC}{0433}% CYRILLIC SMALL LETTER GHE  
 4223 \SE@MapDeclare{cp855}{AD}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4224 \SE@MapDeclare{cp855}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4225 \SE@MapDeclare{cp855}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4226 \SE@MapDeclare{cp855}{B0}{2591}% LIGHT SHADE  
 4227 \SE@MapDeclare{cp855}{B1}{2592}% MEDIUM SHADE  
 4228 \SE@MapDeclare{cp855}{B2}{2593}% DARK SHADE  
 4229 \SE@MapDeclare{cp855}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4230 \SE@MapDeclare{cp855}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4231 \SE@MapDeclare{cp855}{B5}{0445}% CYRILLIC SMALL LETTER HA  
 4232 \SE@MapDeclare{cp855}{B6}{0425}% CYRILLIC CAPITAL LETTER HA  
 4233 \SE@MapDeclare{cp855}{B7}{0438}% CYRILLIC SMALL LETTER I  
 4234 \SE@MapDeclare{cp855}{B8}{0418}% CYRILLIC CAPITAL LETTER I  
 4235 \SE@MapDeclare{cp855}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT



4236 \SE@MapDeclare{cp855}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
4237 \SE@MapDeclare{cp855}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
4238 \SE@MapDeclare{cp855}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
4239 \SE@MapDeclare{cp855}{BD}{0439}% CYRILLIC SMALL LETTER SHORT I  
4240 \SE@MapDeclare{cp855}{BE}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
4241 \SE@MapDeclare{cp855}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
4242 \SE@MapDeclare{cp855}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
4243 \SE@MapDeclare{cp855}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
4244 \SE@MapDeclare{cp855}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
4245 \SE@MapDeclare{cp855}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
4246 \SE@MapDeclare{cp855}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
4247 \SE@MapDeclare{cp855}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
4248 \SE@MapDeclare{cp855}{C6}{043A}% CYRILLIC SMALL LETTER KA  
4249 \SE@MapDeclare{cp855}{C7}{041A}% CYRILLIC CAPITAL LETTER KA  
4250 \SE@MapDeclare{cp855}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
4251 \SE@MapDeclare{cp855}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
4252 \SE@MapDeclare{cp855}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
4253 \SE@MapDeclare{cp855}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
4254 \SE@MapDeclare{cp855}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
4255 \SE@MapDeclare{cp855}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
4256 \SE@MapDeclare{cp855}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
4257 \SE@MapDeclare{cp855}{CF}{00A4}% CURRENCY SIGN  
4258 \SE@MapDeclare{cp855}{D0}{043B}% CYRILLIC SMALL LETTER EL  
4259 \SE@MapDeclare{cp855}{D1}{041B}% CYRILLIC CAPITAL LETTER EL  
4260 \SE@MapDeclare{cp855}{D2}{043C}% CYRILLIC SMALL LETTER EM  
4261 \SE@MapDeclare{cp855}{D3}{041C}% CYRILLIC CAPITAL LETTER EM  
4262 \SE@MapDeclare{cp855}{D4}{043D}% CYRILLIC SMALL LETTER EN  
4263 \SE@MapDeclare{cp855}{D5}{041D}% CYRILLIC CAPITAL LETTER EN  
4264 \SE@MapDeclare{cp855}{D6}{043E}% CYRILLIC SMALL LETTER O  
4265 \SE@MapDeclare{cp855}{D7}{041E}% CYRILLIC CAPITAL LETTER O  
4266 \SE@MapDeclare{cp855}{D8}{043F}% CYRILLIC SMALL LETTER PE  
4267 \SE@MapDeclare{cp855}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
4268 \SE@MapDeclare{cp855}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
4269 \SE@MapDeclare{cp855}{DB}{2588}% FULL BLOCK  
4270 \SE@MapDeclare{cp855}{DC}{2584}% LOWER HALF BLOCK  
4271 \SE@MapDeclare{cp855}{DD}{041F}% CYRILLIC CAPITAL LETTER PE  
4272 \SE@MapDeclare{cp855}{DE}{044F}% CYRILLIC SMALL LETTER YA  
4273 \SE@MapDeclare{cp855}{DF}{2580}% UPPER HALF BLOCK  
4274 \SE@MapDeclare{cp855}{E0}{042F}% CYRILLIC CAPITAL LETTER YA  
4275 \SE@MapDeclare{cp855}{E1}{0440}% CYRILLIC SMALL LETTER ER  
4276 \SE@MapDeclare{cp855}{E2}{0420}% CYRILLIC CAPITAL LETTER ER  
4277 \SE@MapDeclare{cp855}{E3}{0441}% CYRILLIC SMALL LETTER ES  
4278 \SE@MapDeclare{cp855}{E4}{0421}% CYRILLIC CAPITAL LETTER ES  
4279 \SE@MapDeclare{cp855}{E5}{0442}% CYRILLIC SMALL LETTER TE  
4280 \SE@MapDeclare{cp855}{E6}{0422}% CYRILLIC CAPITAL LETTER TE  
4281 \SE@MapDeclare{cp855}{E7}{0443}% CYRILLIC SMALL LETTER U  
4282 \SE@MapDeclare{cp855}{E8}{0423}% CYRILLIC CAPITAL LETTER U  
4283 \SE@MapDeclare{cp855}{E9}{0436}% CYRILLIC SMALL LETTER ZHE  
4284 \SE@MapDeclare{cp855}{EA}{0416}% CYRILLIC CAPITAL LETTER ZHE  
4285 \SE@MapDeclare{cp855}{EB}{0432}% CYRILLIC SMALL LETTER VE  
4286 \SE@MapDeclare{cp855}{EC}{0412}% CYRILLIC CAPITAL LETTER VE  
4287 \SE@MapDeclare{cp855}{ED}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
4288 \SE@MapDeclare{cp855}{EE}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
4289 \SE@MapDeclare{cp855}{EF}{2116}% NUMERO SIGN  
4290 \SE@MapDeclare{cp855}{F0}{00AD}% SOFT HYPHEN  
4291 \SE@MapDeclare{cp855}{F1}{044B}% CYRILLIC SMALL LETTER YERU  
4292 \SE@MapDeclare{cp855}{F2}{042B}% CYRILLIC CAPITAL LETTER YERU  
4293 \SE@MapDeclare{cp855}{F3}{0437}% CYRILLIC SMALL LETTER ZE  
4294 \SE@MapDeclare{cp855}{F4}{0417}% CYRILLIC CAPITAL LETTER ZE  
4295 \SE@MapDeclare{cp855}{F5}{0448}% CYRILLIC SMALL LETTER SHA  
4296 \SE@MapDeclare{cp855}{F6}{0428}% CYRILLIC CAPITAL LETTER SHA  
4297 \SE@MapDeclare{cp855}{F7}{044D}% CYRILLIC SMALL LETTER E  
4298 \SE@MapDeclare{cp855}{F8}{042D}% CYRILLIC CAPITAL LETTER E  
4299 \SE@MapDeclare{cp855}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
4300 \SE@MapDeclare{cp855}{FA}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
4301 \SE@MapDeclare{cp855}{FB}{0447}% CYRILLIC SMALL LETTER CHE  
4302 \SE@MapDeclare{cp855}{FC}{0427}% CYRILLIC CAPITAL LETTER CHE  
4303 \SE@MapDeclare{cp855}{FD}{00A7}% SECTION SIGN  
4304 \SE@MapDeclare{cp855}{FE}{25A0}% BLACK SQUARE  
4305 \SE@MapDeclare{cp855}{FF}{00A0}% NO-BREAK SPACE  
4306 </cp855>

## cp858

4307 (\*cp858)  
4308 \SE@MapDeclare{cp858}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
4309 \SE@MapDeclare{cp858}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
4310 \SE@MapDeclare{cp858}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
4311 \SE@MapDeclare{cp858}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
4312 \SE@MapDeclare{cp858}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
4313 \SE@MapDeclare{cp858}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
4314 \SE@MapDeclare{cp858}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
4315 \SE@MapDeclare{cp858}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
4316 \SE@MapDeclare{cp858}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
4317 \SE@MapDeclare{cp858}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS

4318 \SE@MapDeclare{cp858}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 4319 \SE@MapDeclare{cp858}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 4320 \SE@MapDeclare{cp858}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4321 \SE@MapDeclare{cp858}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 4322 \SE@MapDeclare{cp858}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4323 \SE@MapDeclare{cp858}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 4324 \SE@MapDeclare{cp858}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4325 \SE@MapDeclare{cp858}{91}{00E6}% LATIN SMALL LIGATURE AE  
 4326 \SE@MapDeclare{cp858}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 4327 \SE@MapDeclare{cp858}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4328 \SE@MapDeclare{cp858}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4329 \SE@MapDeclare{cp858}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 4330 \SE@MapDeclare{cp858}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 4331 \SE@MapDeclare{cp858}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 4332 \SE@MapDeclare{cp858}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 4333 \SE@MapDeclare{cp858}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4334 \SE@MapDeclare{cp858}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4335 \SE@MapDeclare{cp858}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4336 \SE@MapDeclare{cp858}{9C}{00A3}% POUND SIGN  
 4337 \SE@MapDeclare{cp858}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4338 \SE@MapDeclare{cp858}{9E}{00D7}% MULTIPLICATION SIGN  
 4339 \SE@MapDeclare{cp858}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 4340 \SE@MapDeclare{cp858}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4341 \SE@MapDeclare{cp858}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4342 \SE@MapDeclare{cp858}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4343 \SE@MapDeclare{cp858}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4344 \SE@MapDeclare{cp858}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 4345 \SE@MapDeclare{cp858}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 4346 \SE@MapDeclare{cp858}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 4347 \SE@MapDeclare{cp858}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 4348 \SE@MapDeclare{cp858}{A8}{00BF}% INVERTED QUESTION MARK  
 4349 \SE@MapDeclare{cp858}{A9}{00AE}% REGISTERED SIGN  
 4350 \SE@MapDeclare{cp858}{AA}{00AC}% NOT SIGN  
 4351 \SE@MapDeclare{cp858}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 4352 \SE@MapDeclare{cp858}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4353 \SE@MapDeclare{cp858}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 4354 \SE@MapDeclare{cp858}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4355 \SE@MapDeclare{cp858}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4356 \SE@MapDeclare{cp858}{B0}{2591}% LIGHT SHADE  
 4357 \SE@MapDeclare{cp858}{B1}{2592}% MEDIUM SHADE  
 4358 \SE@MapDeclare{cp858}{B2}{2593}% DARK SHADE  
 4359 \SE@MapDeclare{cp858}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4360 \SE@MapDeclare{cp858}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4361 \SE@MapDeclare{cp858}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4362 \SE@MapDeclare{cp858}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4363 \SE@MapDeclare{cp858}{B7}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 4364 \SE@MapDeclare{cp858}{B8}{00A9}% COPYRIGHT SIGN  
 4365 \SE@MapDeclare{cp858}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4366 \SE@MapDeclare{cp858}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4367 \SE@MapDeclare{cp858}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4368 \SE@MapDeclare{cp858}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4369 \SE@MapDeclare{cp858}{BD}{00A2}% CENT SIGN  
 4370 \SE@MapDeclare{cp858}{BE}{00A5}% YEN SIGN  
 4371 \SE@MapDeclare{cp858}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4372 \SE@MapDeclare{cp858}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4373 \SE@MapDeclare{cp858}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4374 \SE@MapDeclare{cp858}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4375 \SE@MapDeclare{cp858}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4376 \SE@MapDeclare{cp858}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4377 \SE@MapDeclare{cp858}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4378 \SE@MapDeclare{cp858}{C6}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 4379 \SE@MapDeclare{cp858}{C7}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 4380 \SE@MapDeclare{cp858}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4381 \SE@MapDeclare{cp858}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4382 \SE@MapDeclare{cp858}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4383 \SE@MapDeclare{cp858}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4384 \SE@MapDeclare{cp858}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4385 \SE@MapDeclare{cp858}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4386 \SE@MapDeclare{cp858}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4387 \SE@MapDeclare{cp858}{CF}{00A4}% CURRENCY SIGN  
 4388 \SE@MapDeclare{cp858}{D0}{00F0}% LATIN SMALL LETTER ETH  
 4389 \SE@MapDeclare{cp858}{D1}{00D0}% LATIN CAPITAL LETTER ETH  
 4390 \SE@MapDeclare{cp858}{D2}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 4391 \SE@MapDeclare{cp858}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4392 \SE@MapDeclare{cp858}{D4}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 4393 \SE@MapDeclare{cp858}{D5}{20AC}% EURO SIGN  
 4394 \SE@MapDeclare{cp858}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4395 \SE@MapDeclare{cp858}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4396 \SE@MapDeclare{cp858}{D8}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 4397 \SE@MapDeclare{cp858}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4398 \SE@MapDeclare{cp858}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4399 \SE@MapDeclare{cp858}{DB}{2588}% FULL BLOCK  
 4400 \SE@MapDeclare{cp858}{DC}{2584}% LOWER HALF BLOCK  
 4401 \SE@MapDeclare{cp858}{DD}{00A6}% BROKEN BAR  
 4402 \SE@MapDeclare{cp858}{DE}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 4403 \SE@MapDeclare{cp858}{DF}{2580}% UPPER HALF BLOCK

4404 \SE@MapDeclare{cp858}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4405 \SE@MapDeclare{cp858}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4406 \SE@MapDeclare{cp858}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4407 \SE@MapDeclare{cp858}{E3}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 4408 \SE@MapDeclare{cp858}{E4}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 4409 \SE@MapDeclare{cp858}{E5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 4410 \SE@MapDeclare{cp858}{E6}{00B5}% MICRO SIGN  
 4411 \SE@MapDeclare{cp858}{E7}{00FE}% LATIN SMALL LETTER THORN  
 4412 \SE@MapDeclare{cp858}{E8}{00DE}% LATIN CAPITAL LETTER THORN  
 4413 \SE@MapDeclare{cp858}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4414 \SE@MapDeclare{cp858}{EA}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 4415 \SE@MapDeclare{cp858}{EB}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 4416 \SE@MapDeclare{cp858}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4417 \SE@MapDeclare{cp858}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4418 \SE@MapDeclare{cp858}{EE}{00AF}% MACRON  
 4419 \SE@MapDeclare{cp858}{EF}{00B4}% ACUTE ACCENT  
 4420 \SE@MapDeclare{cp858}{F0}{00AD}% SOFT HYPHEN  
 4421 \SE@MapDeclare{cp858}{F1}{00B1}% PLUS-MINUS SIGN  
 4422 \SE@MapDeclare{cp858}{F2}{2017}% DOUBLE LOW LINE  
 4423 \SE@MapDeclare{cp858}{F3}{00BE}% VULGAR FRACTION THREE QUARTERS  
 4424 \SE@MapDeclare{cp858}{F4}{00B6}% PILCROW SIGN  
 4425 \SE@MapDeclare{cp858}{F5}{00A7}% SECTION SIGN  
 4426 \SE@MapDeclare{cp858}{F6}{00F7}% DIVISION SIGN  
 4427 \SE@MapDeclare{cp858}{F7}{00B8}% CEDILLA  
 4428 \SE@MapDeclare{cp858}{F8}{00B0}% DEGREE SIGN  
 4429 \SE@MapDeclare{cp858}{F9}{00A8}% DIAERESIS  
 4430 \SE@MapDeclare{cp858}{FA}{00B7}% MIDDLE DOT  
 4431 \SE@MapDeclare{cp858}{FB}{00B9}% SUPERSCRRIPT ONE  
 4432 \SE@MapDeclare{cp858}{FC}{00B3}% SUPERSCRRIPT THREE  
 4433 \SE@MapDeclare{cp858}{FD}{00B2}% SUPERSCRRIPT TWO  
 4434 \SE@MapDeclare{cp858}{FE}{25A0}% BLACK SQUARE  
 4435 \SE@MapDeclare{cp858}{FF}{00A0}% NO-BREAK SPACE  
 4436 </cp858>

## cp865

4437 <\*cp865>  
 4438 \SE@MapDeclare{cp865}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4439 \SE@MapDeclare{cp865}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4440 \SE@MapDeclare{cp865}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4441 \SE@MapDeclare{cp865}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4442 \SE@MapDeclare{cp865}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4443 \SE@MapDeclare{cp865}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 4444 \SE@MapDeclare{cp865}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 4445 \SE@MapDeclare{cp865}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4446 \SE@MapDeclare{cp865}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 4447 \SE@MapDeclare{cp865}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4448 \SE@MapDeclare{cp865}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 4449 \SE@MapDeclare{cp865}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 4450 \SE@MapDeclare{cp865}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4451 \SE@MapDeclare{cp865}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 4452 \SE@MapDeclare{cp865}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4453 \SE@MapDeclare{cp865}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 4454 \SE@MapDeclare{cp865}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4455 \SE@MapDeclare{cp865}{91}{00E6}% LATIN SMALL LIGATURE AE  
 4456 \SE@MapDeclare{cp865}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 4457 \SE@MapDeclare{cp865}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4458 \SE@MapDeclare{cp865}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4459 \SE@MapDeclare{cp865}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 4460 \SE@MapDeclare{cp865}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 4461 \SE@MapDeclare{cp865}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 4462 \SE@MapDeclare{cp865}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 4463 \SE@MapDeclare{cp865}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4464 \SE@MapDeclare{cp865}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4465 \SE@MapDeclare{cp865}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4466 \SE@MapDeclare{cp865}{9C}{00A3}% POUND SIGN  
 4467 \SE@MapDeclare{cp865}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4468 \SE@MapDeclare{cp865}{9E}{20A7}% PESETA SIGN  
 4469 \SE@MapDeclare{cp865}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 4470 \SE@MapDeclare{cp865}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4471 \SE@MapDeclare{cp865}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4472 \SE@MapDeclare{cp865}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4473 \SE@MapDeclare{cp865}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4474 \SE@MapDeclare{cp865}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 4475 \SE@MapDeclare{cp865}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 4476 \SE@MapDeclare{cp865}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 4477 \SE@MapDeclare{cp865}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 4478 \SE@MapDeclare{cp865}{A8}{00BF}% INVERTED QUESTION MARK  
 4479 \SE@MapDeclare{cp865}{A9}{2310}% REVERSED NOT SIGN  
 4480 \SE@MapDeclare{cp865}{AA}{00AC}% NOT SIGN  
 4481 \SE@MapDeclare{cp865}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 4482 \SE@MapDeclare{cp865}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4483 \SE@MapDeclare{cp865}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 4484 \SE@MapDeclare{cp865}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4485 \SE@MapDeclare{cp865}{AF}{00A4}% CURRENCY SIGN

4486 \SE@MapDeclare{cp865}{B0}{2591}% LIGHT SHADE  
 4487 \SE@MapDeclare{cp865}{B1}{2592}% MEDIUM SHADE  
 4488 \SE@MapDeclare{cp865}{B2}{2593}% DARK SHADE  
 4489 \SE@MapDeclare{cp865}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4490 \SE@MapDeclare{cp865}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4491 \SE@MapDeclare{cp865}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 4492 \SE@MapDeclare{cp865}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 4493 \SE@MapDeclare{cp865}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 4494 \SE@MapDeclare{cp865}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 4495 \SE@MapDeclare{cp865}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4496 \SE@MapDeclare{cp865}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4497 \SE@MapDeclare{cp865}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4498 \SE@MapDeclare{cp865}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4499 \SE@MapDeclare{cp865}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 4500 \SE@MapDeclare{cp865}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 4501 \SE@MapDeclare{cp865}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4502 \SE@MapDeclare{cp865}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4503 \SE@MapDeclare{cp865}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4504 \SE@MapDeclare{cp865}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4505 \SE@MapDeclare{cp865}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4506 \SE@MapDeclare{cp865}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4507 \SE@MapDeclare{cp865}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4508 \SE@MapDeclare{cp865}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 4509 \SE@MapDeclare{cp865}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 4510 \SE@MapDeclare{cp865}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4511 \SE@MapDeclare{cp865}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4512 \SE@MapDeclare{cp865}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4513 \SE@MapDeclare{cp865}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4514 \SE@MapDeclare{cp865}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4515 \SE@MapDeclare{cp865}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4516 \SE@MapDeclare{cp865}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4517 \SE@MapDeclare{cp865}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 4518 \SE@MapDeclare{cp865}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 4519 \SE@MapDeclare{cp865}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 4520 \SE@MapDeclare{cp865}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 4521 \SE@MapDeclare{cp865}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 4522 \SE@MapDeclare{cp865}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 4523 \SE@MapDeclare{cp865}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 4524 \SE@MapDeclare{cp865}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 4525 \SE@MapDeclare{cp865}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 4526 \SE@MapDeclare{cp865}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 4527 \SE@MapDeclare{cp865}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4528 \SE@MapDeclare{cp865}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4529 \SE@MapDeclare{cp865}{DB}{2588}% FULL BLOCK  
 4530 \SE@MapDeclare{cp865}{DC}{2584}% LOWER HALF BLOCK  
 4531 \SE@MapDeclare{cp865}{DD}{258C}% LEFT HALF BLOCK  
 4532 \SE@MapDeclare{cp865}{DE}{2590}% RIGHT HALF BLOCK  
 4533 \SE@MapDeclare{cp865}{DF}{2580}% UPPER HALF BLOCK  
 4534 \SE@MapDeclare{cp865}{E0}{03B1}% GREEK SMALL LETTER ALPHA  
 4535 \SE@MapDeclare{cp865}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4536 \SE@MapDeclare{cp865}{E2}{0393}% GREEK CAPITAL LETTER GAMMA  
 4537 \SE@MapDeclare{cp865}{E3}{03C0}% GREEK SMALL LETTER PI  
 4538 \SE@MapDeclare{cp865}{E4}{03A3}% GREEK CAPITAL LETTER SIGMA  
 4539 \SE@MapDeclare{cp865}{E5}{03C3}% GREEK SMALL LETTER SIGMA  
 4540 \SE@MapDeclare{cp865}{E6}{00B5}% MICRO SIGN  
 4541 \SE@MapDeclare{cp865}{E7}{03C4}% GREEK SMALL LETTER TAU  
 4542 \SE@MapDeclare{cp865}{E8}{03A6}% GREEK CAPITAL LETTER PHI  
 4543 \SE@MapDeclare{cp865}{E9}{0398}% GREEK CAPITAL LETTER THETA  
 4544 \SE@MapDeclare{cp865}{EA}{03A9}% GREEK CAPITAL LETTER OMEGA  
 4545 \SE@MapDeclare{cp865}{EB}{03B4}% GREEK SMALL LETTER DELTA  
 4546 \SE@MapDeclare{cp865}{EC}{221E}% INFINITY  
 4547 \SE@MapDeclare{cp865}{ED}{03C6}% GREEK SMALL LETTER PHI  
 4548 \SE@MapDeclare{cp865}{EE}{03B5}% GREEK SMALL LETTER EPSILON  
 4549 \SE@MapDeclare{cp865}{EF}{2229}% INTERSECTION  
 4550 \SE@MapDeclare{cp865}{F0}{2261}% IDENTICAL TO  
 4551 \SE@MapDeclare{cp865}{F1}{00B1}% PLUS-MINUS SIGN  
 4552 \SE@MapDeclare{cp865}{F2}{2265}% GREATER-THAN OR EQUAL TO  
 4553 \SE@MapDeclare{cp865}{F3}{2264}% LESS-THAN OR EQUAL TO  
 4554 \SE@MapDeclare{cp865}{F4}{2320}% TOP HALF INTEGRAL  
 4555 \SE@MapDeclare{cp865}{F5}{2321}% BOTTOM HALF INTEGRAL  
 4556 \SE@MapDeclare{cp865}{F6}{00F7}% DIVISION SIGN  
 4557 \SE@MapDeclare{cp865}{F7}{2248}% ALMOST EQUAL TO  
 4558 \SE@MapDeclare{cp865}{F8}{00B0}% DEGREE SIGN  
 4559 \SE@MapDeclare{cp865}{F9}{2219}% BULLET OPERATOR  
 4560 \SE@MapDeclare{cp865}{FA}{00B7}% MIDDLE DOT  
 4561 \SE@MapDeclare{cp865}{FB}{221A}% SQUARE ROOT  
 4562 \SE@MapDeclare{cp865}{FC}{207F}% SUPERScript LATIN SMALL LETTER N  
 4563 \SE@MapDeclare{cp865}{FD}{00B2}% SUPERScript TWO  
 4564 \SE@MapDeclare{cp865}{FE}{25A0}% BLACK SQUARE  
 4565 \SE@MapDeclare{cp865}{FF}{00A0}% NO-BREAK SPACE  
 4566 </cp865>

## cp866

4567 <\*cp866>

4568 \SE@MapDeclare{cp866}{80}{0410}% CYRILLIC CAPITAL LETTER A  
 4569 \SE@MapDeclare{cp866}{81}{0411}% CYRILLIC CAPITAL LETTER BE  
 4570 \SE@MapDeclare{cp866}{82}{0412}% CYRILLIC CAPITAL LETTER VE  
 4571 \SE@MapDeclare{cp866}{83}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4572 \SE@MapDeclare{cp866}{84}{0414}% CYRILLIC CAPITAL LETTER DE  
 4573 \SE@MapDeclare{cp866}{85}{0415}% CYRILLIC CAPITAL LETTER IE  
 4574 \SE@MapDeclare{cp866}{86}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4575 \SE@MapDeclare{cp866}{87}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4576 \SE@MapDeclare{cp866}{88}{0418}% CYRILLIC CAPITAL LETTER I  
 4577 \SE@MapDeclare{cp866}{89}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4578 \SE@MapDeclare{cp866}{8A}{041A}% CYRILLIC CAPITAL LETTER KA  
 4579 \SE@MapDeclare{cp866}{8B}{041B}% CYRILLIC CAPITAL LETTER EL  
 4580 \SE@MapDeclare{cp866}{8C}{041C}% CYRILLIC CAPITAL LETTER EM  
 4581 \SE@MapDeclare{cp866}{8D}{041D}% CYRILLIC CAPITAL LETTER EN  
 4582 \SE@MapDeclare{cp866}{8E}{041E}% CYRILLIC CAPITAL LETTER O  
 4583 \SE@MapDeclare{cp866}{8F}{041F}% CYRILLIC CAPITAL LETTER PE  
 4584 \SE@MapDeclare{cp866}{90}{0420}% CYRILLIC CAPITAL LETTER ER  
 4585 \SE@MapDeclare{cp866}{91}{0421}% CYRILLIC CAPITAL LETTER ES  
 4586 \SE@MapDeclare{cp866}{92}{0422}% CYRILLIC CAPITAL LETTER TE  
 4587 \SE@MapDeclare{cp866}{93}{0423}% CYRILLIC CAPITAL LETTER U  
 4588 \SE@MapDeclare{cp866}{94}{0424}% CYRILLIC CAPITAL LETTER EF  
 4589 \SE@MapDeclare{cp866}{95}{0425}% CYRILLIC CAPITAL LETTER HA  
 4590 \SE@MapDeclare{cp866}{96}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4591 \SE@MapDeclare{cp866}{97}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4592 \SE@MapDeclare{cp866}{98}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4593 \SE@MapDeclare{cp866}{99}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4594 \SE@MapDeclare{cp866}{9A}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4595 \SE@MapDeclare{cp866}{9B}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4596 \SE@MapDeclare{cp866}{9C}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4597 \SE@MapDeclare{cp866}{9D}{042D}% CYRILLIC CAPITAL LETTER E  
 4598 \SE@MapDeclare{cp866}{9E}{042E}% CYRILLIC CAPITAL LETTER YU  
 4599 \SE@MapDeclare{cp866}{9F}{042F}% CYRILLIC CAPITAL LETTER YA  
 4600 \SE@MapDeclare{cp866}{A0}{0430}% CYRILLIC SMALL LETTER A  
 4601 \SE@MapDeclare{cp866}{A1}{0431}% CYRILLIC SMALL LETTER BE  
 4602 \SE@MapDeclare{cp866}{A2}{0432}% CYRILLIC SMALL LETTER VE  
 4603 \SE@MapDeclare{cp866}{A3}{0433}% CYRILLIC SMALL LETTER GHE  
 4604 \SE@MapDeclare{cp866}{A4}{0434}% CYRILLIC SMALL LETTER DE  
 4605 \SE@MapDeclare{cp866}{A5}{0435}% CYRILLIC SMALL LETTER IE  
 4606 \SE@MapDeclare{cp866}{A6}{0436}% CYRILLIC SMALL LETTER ZHE  
 4607 \SE@MapDeclare{cp866}{A7}{0437}% CYRILLIC SMALL LETTER ZE  
 4608 \SE@MapDeclare{cp866}{A8}{0438}% CYRILLIC SMALL LETTER I  
 4609 \SE@MapDeclare{cp866}{A9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4610 \SE@MapDeclare{cp866}{AA}{043A}% CYRILLIC SMALL LETTER KA  
 4611 \SE@MapDeclare{cp866}{AB}{043B}% CYRILLIC SMALL LETTER EL  
 4612 \SE@MapDeclare{cp866}{AC}{043C}% CYRILLIC SMALL LETTER EM  
 4613 \SE@MapDeclare{cp866}{AD}{043D}% CYRILLIC SMALL LETTER EN  
 4614 \SE@MapDeclare{cp866}{AE}{043E}% CYRILLIC SMALL LETTER O  
 4615 \SE@MapDeclare{cp866}{AF}{043F}% CYRILLIC SMALL LETTER PE  
 4616 \SE@MapDeclare{cp866}{B0}{2591}% LIGHT SHADE  
 4617 \SE@MapDeclare{cp866}{B1}{2592}% MEDIUM SHADE  
 4618 \SE@MapDeclare{cp866}{B2}{2593}% DARK SHADE  
 4619 \SE@MapDeclare{cp866}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4620 \SE@MapDeclare{cp866}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4621 \SE@MapDeclare{cp866}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 4622 \SE@MapDeclare{cp866}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 4623 \SE@MapDeclare{cp866}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 4624 \SE@MapDeclare{cp866}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 4625 \SE@MapDeclare{cp866}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4626 \SE@MapDeclare{cp866}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4627 \SE@MapDeclare{cp866}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4628 \SE@MapDeclare{cp866}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4629 \SE@MapDeclare{cp866}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 4630 \SE@MapDeclare{cp866}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 4631 \SE@MapDeclare{cp866}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4632 \SE@MapDeclare{cp866}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4633 \SE@MapDeclare{cp866}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4634 \SE@MapDeclare{cp866}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4635 \SE@MapDeclare{cp866}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4636 \SE@MapDeclare{cp866}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4637 \SE@MapDeclare{cp866}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4638 \SE@MapDeclare{cp866}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 4639 \SE@MapDeclare{cp866}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 4640 \SE@MapDeclare{cp866}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4641 \SE@MapDeclare{cp866}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4642 \SE@MapDeclare{cp866}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4643 \SE@MapDeclare{cp866}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4644 \SE@MapDeclare{cp866}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4645 \SE@MapDeclare{cp866}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4646 \SE@MapDeclare{cp866}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4647 \SE@MapDeclare{cp866}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 4648 \SE@MapDeclare{cp866}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 4649 \SE@MapDeclare{cp866}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 4650 \SE@MapDeclare{cp866}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 4651 \SE@MapDeclare{cp866}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 4652 \SE@MapDeclare{cp866}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 4653 \SE@MapDeclare{cp866}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE

4654 \SE@MapDeclare{cp866}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
4655 \SE@MapDeclare{cp866}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
4656 \SE@MapDeclare{cp866}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
4657 \SE@MapDeclare{cp866}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
4658 \SE@MapDeclare{cp866}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
4659 \SE@MapDeclare{cp866}{DB}{2588}% FULL BLOCK  
4660 \SE@MapDeclare{cp866}{DC}{2584}% LOWER HALF BLOCK  
4661 \SE@MapDeclare{cp866}{DD}{258C}% LEFT HALF BLOCK  
4662 \SE@MapDeclare{cp866}{DE}{2590}% RIGHT HALF BLOCK  
4663 \SE@MapDeclare{cp866}{DF}{2580}% UPPER HALF BLOCK  
4664 \SE@MapDeclare{cp866}{E0}{0440}% CYRILLIC SMALL LETTER ER  
4665 \SE@MapDeclare{cp866}{E1}{0441}% CYRILLIC SMALL LETTER ES  
4666 \SE@MapDeclare{cp866}{E2}{0442}% CYRILLIC SMALL LETTER TE  
4667 \SE@MapDeclare{cp866}{E3}{0443}% CYRILLIC SMALL LETTER U  
4668 \SE@MapDeclare{cp866}{E4}{0444}% CYRILLIC SMALL LETTER EF  
4669 \SE@MapDeclare{cp866}{E5}{0445}% CYRILLIC SMALL LETTER HA  
4670 \SE@MapDeclare{cp866}{E6}{0446}% CYRILLIC SMALL LETTER TSE  
4671 \SE@MapDeclare{cp866}{E7}{0447}% CYRILLIC SMALL LETTER CHE  
4672 \SE@MapDeclare{cp866}{E8}{0448}% CYRILLIC SMALL LETTER SHA  
4673 \SE@MapDeclare{cp866}{E9}{0449}% CYRILLIC SMALL LETTER SHCHA  
4674 \SE@MapDeclare{cp866}{EA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
4675 \SE@MapDeclare{cp866}{EB}{044B}% CYRILLIC SMALL LETTER YERU  
4676 \SE@MapDeclare{cp866}{EC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
4677 \SE@MapDeclare{cp866}{ED}{044D}% CYRILLIC SMALL LETTER E  
4678 \SE@MapDeclare{cp866}{EE}{044E}% CYRILLIC SMALL LETTER YU  
4679 \SE@MapDeclare{cp866}{EF}{044F}% CYRILLIC SMALL LETTER YA  
4680 \SE@MapDeclare{cp866}{F0}{0401}% CYRILLIC CAPITAL LETTER IO  
4681 \SE@MapDeclare{cp866}{F1}{0451}% CYRILLIC SMALL LETTER IO  
4682 \SE@MapDeclare{cp866}{F2}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
4683 \SE@MapDeclare{cp866}{F3}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
4684 \SE@MapDeclare{cp866}{F4}{0407}% CYRILLIC CAPITAL LETTER YI  
4685 \SE@MapDeclare{cp866}{F5}{0457}% CYRILLIC SMALL LETTER YI  
4686 \SE@MapDeclare{cp866}{F6}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
4687 \SE@MapDeclare{cp866}{F7}{045E}% CYRILLIC SMALL LETTER SHORT U  
4688 \SE@MapDeclare{cp866}{F8}{00B0}% DEGREE SIGN  
4689 \SE@MapDeclare{cp866}{F9}{2219}% BULLET OPERATOR  
4690 \SE@MapDeclare{cp866}{FA}{00B7}% MIDDLE DOT  
4691 \SE@MapDeclare{cp866}{FB}{221A}% SQUARE ROOT  
4692 \SE@MapDeclare{cp866}{FC}{2116}% NUMERO SIGN  
4693 \SE@MapDeclare{cp866}{FD}{00A4}% CURRENCY SIGN  
4694 \SE@MapDeclare{cp866}{FE}{25A0}% BLACK SQUARE  
4695 \SE@MapDeclare{cp866}{FF}{00A0}% NO-BREAK SPACE  
4696 (/cp866)

## cp1250

4697 (\*cp1250)  
4698 \SE@MapDeclare{cp1250}{80}{20AC}% EURO SIGN  
4699 \SE@MapDeclare{cp1250}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
4700 \SE@MapDeclare{cp1250}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
4701 \SE@MapDeclare{cp1250}{85}{2026}% HORIZONTAL ELLIPSIS  
4702 \SE@MapDeclare{cp1250}{86}{2020}% DAGGER  
4703 \SE@MapDeclare{cp1250}{87}{2021}% DOUBLE DAGGER  
4704 \SE@MapDeclare{cp1250}{89}{2030}% PER MILLE SIGN  
4705 \SE@MapDeclare{cp1250}{8A}{0160}% LATIN CAPITAL LETTER S WITH CARON  
4706 \SE@MapDeclare{cp1250}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
4707 \SE@MapDeclare{cp1250}{8C}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
4708 \SE@MapDeclare{cp1250}{8D}{0164}% LATIN CAPITAL LETTER T WITH CARON  
4709 \SE@MapDeclare{cp1250}{8E}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
4710 \SE@MapDeclare{cp1250}{8F}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
4711 \SE@MapDeclare{cp1250}{91}{2018}% LEFT SINGLE QUOTATION MARK  
4712 \SE@MapDeclare{cp1250}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
4713 \SE@MapDeclare{cp1250}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
4714 \SE@MapDeclare{cp1250}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
4715 \SE@MapDeclare{cp1250}{95}{2022}% BULLET  
4716 \SE@MapDeclare{cp1250}{96}{2013}% EN DASH  
4717 \SE@MapDeclare{cp1250}{97}{2014}% EM DASH  
4718 \SE@MapDeclare{cp1250}{99}{2122}% TRADE MARK SIGN  
4719 \SE@MapDeclare{cp1250}{9A}{0161}% LATIN SMALL LETTER S WITH CARON  
4720 \SE@MapDeclare{cp1250}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
4721 \SE@MapDeclare{cp1250}{9C}{015B}% LATIN SMALL LETTER S WITH ACUTE  
4722 \SE@MapDeclare{cp1250}{9D}{0165}% LATIN SMALL LETTER T WITH CARON  
4723 \SE@MapDeclare{cp1250}{9E}{017E}% LATIN SMALL LETTER Z WITH CARON  
4724 \SE@MapDeclare{cp1250}{9F}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
4725 \SE@MapDeclare{cp1250}{A0}{00A0}% NO-BREAK SPACE  
4726 \SE@MapDeclare{cp1250}{A1}{02C7}% CARON  
4727 \SE@MapDeclare{cp1250}{A2}{02D8}% BREVE  
4728 \SE@MapDeclare{cp1250}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
4729 \SE@MapDeclare{cp1250}{A4}{00A4}% CURRENCY SIGN  
4730 \SE@MapDeclare{cp1250}{A5}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
4731 \SE@MapDeclare{cp1250}{A6}{00A6}% BROKEN BAR  
4732 \SE@MapDeclare{cp1250}{A7}{00A7}% SECTION SIGN  
4733 \SE@MapDeclare{cp1250}{A8}{00A8}% DIAERESIS  
4734 \SE@MapDeclare{cp1250}{A9}{00A9}% COPYRIGHT SIGN  
4735 \SE@MapDeclare{cp1250}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA

4736 \SE@MapDeclare{cp1250}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4737 \SE@MapDeclare{cp1250}{AC}{00AC}% NOT SIGN  
 4738 \SE@MapDeclare{cp1250}{AD}{00AD}% SOFT HYPHEN  
 4739 \SE@MapDeclare{cp1250}{AE}{00AE}% REGISTERED SIGN  
 4740 \SE@MapDeclare{cp1250}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 4741 \SE@MapDeclare{cp1250}{B0}{00B0}% DEGREE SIGN  
 4742 \SE@MapDeclare{cp1250}{B1}{00B1}% PLUS-MINUS SIGN  
 4743 \SE@MapDeclare{cp1250}{B2}{02DB}% OGONEK  
 4744 \SE@MapDeclare{cp1250}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
 4745 \SE@MapDeclare{cp1250}{B4}{00B4}% ACUTE ACCENT  
 4746 \SE@MapDeclare{cp1250}{B5}{00B5}% MICRO SIGN  
 4747 \SE@MapDeclare{cp1250}{B6}{00B6}% PILCROW SIGN  
 4748 \SE@MapDeclare{cp1250}{B7}{00B7}% MIDDLE DOT  
 4749 \SE@MapDeclare{cp1250}{B8}{00B8}% CEDILLA  
 4750 \SE@MapDeclare{cp1250}{B9}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 4751 \SE@MapDeclare{cp1250}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 4752 \SE@MapDeclare{cp1250}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4753 \SE@MapDeclare{cp1250}{BC}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 4754 \SE@MapDeclare{cp1250}{BD}{02DD}% DOUBLE ACUTE ACCENT  
 4755 \SE@MapDeclare{cp1250}{BE}{013E}% LATIN SMALL LETTER L WITH CARON  
 4756 \SE@MapDeclare{cp1250}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 4757 \SE@MapDeclare{cp1250}{C0}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 4758 \SE@MapDeclare{cp1250}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4759 \SE@MapDeclare{cp1250}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4760 \SE@MapDeclare{cp1250}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 4761 \SE@MapDeclare{cp1250}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4762 \SE@MapDeclare{cp1250}{C5}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 4763 \SE@MapDeclare{cp1250}{C6}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 4764 \SE@MapDeclare{cp1250}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4765 \SE@MapDeclare{cp1250}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 4766 \SE@MapDeclare{cp1250}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4767 \SE@MapDeclare{cp1250}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 4768 \SE@MapDeclare{cp1250}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4769 \SE@MapDeclare{cp1250}{CC}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 4770 \SE@MapDeclare{cp1250}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4771 \SE@MapDeclare{cp1250}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4772 \SE@MapDeclare{cp1250}{CF}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 4773 \SE@MapDeclare{cp1250}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 4774 \SE@MapDeclare{cp1250}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 4775 \SE@MapDeclare{cp1250}{D2}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 4776 \SE@MapDeclare{cp1250}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4777 \SE@MapDeclare{cp1250}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4778 \SE@MapDeclare{cp1250}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 4779 \SE@MapDeclare{cp1250}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4780 \SE@MapDeclare{cp1250}{D7}{00D7}% MULTIPLICATION SIGN  
 4781 \SE@MapDeclare{cp1250}{D8}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 4782 \SE@MapDeclare{cp1250}{D9}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 4783 \SE@MapDeclare{cp1250}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4784 \SE@MapDeclare{cp1250}{DB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 4785 \SE@MapDeclare{cp1250}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4786 \SE@MapDeclare{cp1250}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4787 \SE@MapDeclare{cp1250}{DE}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 4788 \SE@MapDeclare{cp1250}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 4789 \SE@MapDeclare{cp1250}{E0}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 4790 \SE@MapDeclare{cp1250}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4791 \SE@MapDeclare{cp1250}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4792 \SE@MapDeclare{cp1250}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
 4793 \SE@MapDeclare{cp1250}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4794 \SE@MapDeclare{cp1250}{E5}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 4795 \SE@MapDeclare{cp1250}{E6}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 4796 \SE@MapDeclare{cp1250}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4797 \SE@MapDeclare{cp1250}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 4798 \SE@MapDeclare{cp1250}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4799 \SE@MapDeclare{cp1250}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 4800 \SE@MapDeclare{cp1250}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4801 \SE@MapDeclare{cp1250}{EC}{011B}% LATIN SMALL LETTER E WITH CARON  
 4802 \SE@MapDeclare{cp1250}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4803 \SE@MapDeclare{cp1250}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4804 \SE@MapDeclare{cp1250}{EF}{010F}% LATIN SMALL LETTER D WITH CARON  
 4805 \SE@MapDeclare{cp1250}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 4806 \SE@MapDeclare{cp1250}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 4807 \SE@MapDeclare{cp1250}{F2}{0148}% LATIN SMALL LETTER N WITH CARON  
 4808 \SE@MapDeclare{cp1250}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4809 \SE@MapDeclare{cp1250}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4810 \SE@MapDeclare{cp1250}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 4811 \SE@MapDeclare{cp1250}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4812 \SE@MapDeclare{cp1250}{F7}{00F7}% DIVISION SIGN  
 4813 \SE@MapDeclare{cp1250}{F8}{0159}% LATIN SMALL LETTER R WITH CARON  
 4814 \SE@MapDeclare{cp1250}{F9}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 4815 \SE@MapDeclare{cp1250}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4816 \SE@MapDeclare{cp1250}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 4817 \SE@MapDeclare{cp1250}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4818 \SE@MapDeclare{cp1250}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4819 \SE@MapDeclare{cp1250}{FE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 4820 \SE@MapDeclare{cp1250}{FF}{02D9}% DOT ABOVE  
 4821 </cp1250>

## cp1251

4822 (\*cp1251)  
4823 \SE@MapDeclare{cp1251}{80}{0402}% CYRILLIC CAPITAL LETTER DJE  
4824 \SE@MapDeclare{cp1251}{81}{0403}% CYRILLIC CAPITAL LETTER GJE  
4825 \SE@MapDeclare{cp1251}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
4826 \SE@MapDeclare{cp1251}{83}{0453}% CYRILLIC SMALL LETTER GJE  
4827 \SE@MapDeclare{cp1251}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
4828 \SE@MapDeclare{cp1251}{85}{2026}% HORIZONTAL ELLIPSIS  
4829 \SE@MapDeclare{cp1251}{86}{2020}% DAGGER  
4830 \SE@MapDeclare{cp1251}{87}{2021}% DOUBLE DAGGER  
4831 \SE@MapDeclare{cp1251}{88}{20AC}% EURO SIGN  
4832 \SE@MapDeclare{cp1251}{89}{2030}% PER MILLE SIGN  
4833 \SE@MapDeclare{cp1251}{8A}{0409}% CYRILLIC CAPITAL LETTER LJE  
4834 \SE@MapDeclare{cp1251}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
4835 \SE@MapDeclare{cp1251}{8C}{040A}% CYRILLIC CAPITAL LETTER NJE  
4836 \SE@MapDeclare{cp1251}{8D}{040C}% CYRILLIC CAPITAL LETTER KJE  
4837 \SE@MapDeclare{cp1251}{8E}{040B}% CYRILLIC CAPITAL LETTER TSHE  
4838 \SE@MapDeclare{cp1251}{8F}{040F}% CYRILLIC CAPITAL LETTER DZHE  
4839 \SE@MapDeclare{cp1251}{90}{0452}% CYRILLIC SMALL LETTER DJE  
4840 \SE@MapDeclare{cp1251}{91}{2018}% LEFT SINGLE QUOTATION MARK  
4841 \SE@MapDeclare{cp1251}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
4842 \SE@MapDeclare{cp1251}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
4843 \SE@MapDeclare{cp1251}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
4844 \SE@MapDeclare{cp1251}{95}{2022}% BULLET  
4845 \SE@MapDeclare{cp1251}{96}{2013}% EN DASH  
4846 \SE@MapDeclare{cp1251}{97}{2014}% EM DASH  
4847 \SE@MapDeclare{cp1251}{99}{2122}% TRADE MARK SIGN  
4848 \SE@MapDeclare{cp1251}{9A}{0459}% CYRILLIC SMALL LETTER LJE  
4849 \SE@MapDeclare{cp1251}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
4850 \SE@MapDeclare{cp1251}{9C}{045A}% CYRILLIC SMALL LETTER NJE  
4851 \SE@MapDeclare{cp1251}{9D}{045C}% CYRILLIC SMALL LETTER KJE  
4852 \SE@MapDeclare{cp1251}{9E}{045B}% CYRILLIC SMALL LETTER TSHE  
4853 \SE@MapDeclare{cp1251}{9F}{045F}% CYRILLIC SMALL LETTER DZHE  
4854 \SE@MapDeclare{cp1251}{A0}{00A0}% NO-BREAK SPACE  
4855 \SE@MapDeclare{cp1251}{A1}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
4856 \SE@MapDeclare{cp1251}{A2}{045E}% CYRILLIC SMALL LETTER SHORT U  
4857 \SE@MapDeclare{cp1251}{A3}{0408}% CYRILLIC CAPITAL LETTER JE  
4858 \SE@MapDeclare{cp1251}{A4}{00A4}% CURRENCY SIGN  
4859 \SE@MapDeclare{cp1251}{A5}{0490}% CYRILLIC CAPITAL LETTER GHE WITH UPTURN  
4860 \SE@MapDeclare{cp1251}{A6}{00A6}% BROKEN BAR  
4861 \SE@MapDeclare{cp1251}{A7}{00A7}% SECTION SIGN  
4862 \SE@MapDeclare{cp1251}{A8}{0401}% CYRILLIC CAPITAL LETTER IO  
4863 \SE@MapDeclare{cp1251}{A9}{00A9}% COPYRIGHT SIGN  
4864 \SE@MapDeclare{cp1251}{AA}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
4865 \SE@MapDeclare{cp1251}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
4866 \SE@MapDeclare{cp1251}{AC}{00AC}% NOT SIGN  
4867 \SE@MapDeclare{cp1251}{AD}{00AD}% SOFT HYPHEN  
4868 \SE@MapDeclare{cp1251}{AE}{00AE}% REGISTERED SIGN  
4869 \SE@MapDeclare{cp1251}{AF}{0407}% CYRILLIC CAPITAL LETTER YI  
4870 \SE@MapDeclare{cp1251}{B0}{00B0}% DEGREE SIGN  
4871 \SE@MapDeclare{cp1251}{B1}{00B1}% PLUS-MINUS SIGN  
4872 \SE@MapDeclare{cp1251}{B2}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
4873 \SE@MapDeclare{cp1251}{B3}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
4874 \SE@MapDeclare{cp1251}{B4}{0491}% CYRILLIC SMALL LETTER GHE WITH UPTURN  
4875 \SE@MapDeclare{cp1251}{B5}{00B5}% MICRO SIGN  
4876 \SE@MapDeclare{cp1251}{B6}{00B6}% PILCROW SIGN  
4877 \SE@MapDeclare{cp1251}{B7}{00B7}% MIDDLE DOT  
4878 \SE@MapDeclare{cp1251}{B8}{0451}% CYRILLIC SMALL LETTER IO  
4879 \SE@MapDeclare{cp1251}{B9}{2116}% NUMERO SIGN  
4880 \SE@MapDeclare{cp1251}{BA}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
4881 \SE@MapDeclare{cp1251}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
4882 \SE@MapDeclare{cp1251}{BC}{0458}% CYRILLIC SMALL LETTER JE  
4883 \SE@MapDeclare{cp1251}{BD}{0405}% CYRILLIC CAPITAL LETTER DZE  
4884 \SE@MapDeclare{cp1251}{BE}{0455}% CYRILLIC SMALL LETTER DZE  
4885 \SE@MapDeclare{cp1251}{BF}{0457}% CYRILLIC SMALL LETTER YI  
4886 \SE@MapDeclare{cp1251}{C0}{0410}% CYRILLIC CAPITAL LETTER A  
4887 \SE@MapDeclare{cp1251}{C1}{0411}% CYRILLIC CAPITAL LETTER BE  
4888 \SE@MapDeclare{cp1251}{C2}{0412}% CYRILLIC CAPITAL LETTER VE  
4889 \SE@MapDeclare{cp1251}{C3}{0413}% CYRILLIC CAPITAL LETTER GHE  
4890 \SE@MapDeclare{cp1251}{C4}{0414}% CYRILLIC CAPITAL LETTER DE  
4891 \SE@MapDeclare{cp1251}{C5}{0415}% CYRILLIC CAPITAL LETTER IE  
4892 \SE@MapDeclare{cp1251}{C6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
4893 \SE@MapDeclare{cp1251}{C7}{0417}% CYRILLIC CAPITAL LETTER ZE  
4894 \SE@MapDeclare{cp1251}{C8}{0418}% CYRILLIC CAPITAL LETTER I  
4895 \SE@MapDeclare{cp1251}{C9}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
4896 \SE@MapDeclare{cp1251}{CA}{041A}% CYRILLIC CAPITAL LETTER KA  
4897 \SE@MapDeclare{cp1251}{CB}{041B}% CYRILLIC CAPITAL LETTER EL  
4898 \SE@MapDeclare{cp1251}{CC}{041C}% CYRILLIC CAPITAL LETTER EM  
4899 \SE@MapDeclare{cp1251}{CD}{041D}% CYRILLIC CAPITAL LETTER EN  
4900 \SE@MapDeclare{cp1251}{CE}{041E}% CYRILLIC CAPITAL LETTER O  
4901 \SE@MapDeclare{cp1251}{CF}{041F}% CYRILLIC CAPITAL LETTER PE  
4902 \SE@MapDeclare{cp1251}{D0}{0420}% CYRILLIC CAPITAL LETTER ER  
4903 \SE@MapDeclare{cp1251}{D1}{0421}% CYRILLIC CAPITAL LETTER ES  
4904 \SE@MapDeclare{cp1251}{D2}{0422}% CYRILLIC CAPITAL LETTER TE  
4905 \SE@MapDeclare{cp1251}{D3}{0423}% CYRILLIC CAPITAL LETTER U



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

## cp1257

4951 \<\*cp1257>  
 4952 \SE@MapDeclare{cp1257}{80}{20AC}% EURO SIGN  
 4953 \SE@MapDeclare{cp1257}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
 4954 \SE@MapDeclare{cp1257}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 4955 \SE@MapDeclare{cp1257}{85}{2026}% HORIZONTAL ELLIPSIS  
 4956 \SE@MapDeclare{cp1257}{86}{2020}% DAGGER  
 4957 \SE@MapDeclare{cp1257}{87}{2021}% DOUBLE DAGGER  
 4958 \SE@MapDeclare{cp1257}{89}{2030}% PER MILLE SIGN  
 4959 \SE@MapDeclare{cp1257}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 4960 \SE@MapDeclare{cp1257}{8D}{00A8}% DIAERESIS  
 4961 \SE@MapDeclare{cp1257}{8E}{02C7}% CARON  
 4962 \SE@MapDeclare{cp1257}{8F}{00B8}% CEDILLA  
 4963 \SE@MapDeclare{cp1257}{91}{2018}% LEFT SINGLE QUOTATION MARK  
 4964 \SE@MapDeclare{cp1257}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
 4965 \SE@MapDeclare{cp1257}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
 4966 \SE@MapDeclare{cp1257}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
 4967 \SE@MapDeclare{cp1257}{95}{2022}% BULLET  
 4968 \SE@MapDeclare{cp1257}{96}{2013}% EN DASH  
 4969 \SE@MapDeclare{cp1257}{97}{2014}% EM DASH  
 4970 \SE@MapDeclare{cp1257}{99}{2122}% TRADE MARK SIGN  
 4971 \SE@MapDeclare{cp1257}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4972 \SE@MapDeclare{cp1257}{9D}{00AF}% MACRON  
 4973 \SE@MapDeclare{cp1257}{9E}{02DB}% OGONEK  
 4974 \SE@MapDeclare{cp1257}{A0}{00A0}% NO-BREAK SPACE  
 4975 \SE@MapDeclare{cp1257}{A2}{00A2}% CENT SIGN  
 4976 \SE@MapDeclare{cp1257}{A3}{00A3}% POUND SIGN  
 4977 \SE@MapDeclare{cp1257}{A4}{00A4}% CURRENCY SIGN  
 4978 \SE@MapDeclare{cp1257}{A6}{00A6}% BROKEN BAR  
 4979 \SE@MapDeclare{cp1257}{A7}{00A7}% SECTION SIGN  
 4980 \SE@MapDeclare{cp1257}{A8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4981 \SE@MapDeclare{cp1257}{A9}{00A9}% COPYRIGHT SIGN  
 4982 \SE@MapDeclare{cp1257}{AA}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 4983 \SE@MapDeclare{cp1257}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4984 \SE@MapDeclare{cp1257}{AC}{00AC}% NOT SIGN  
 4985 \SE@MapDeclare{cp1257}{AD}{00AD}% SOFT HYPHEN  
 4986 \SE@MapDeclare{cp1257}{AE}{00AE}% REGISTERED SIGN  
 4987 \SE@MapDeclare{cp1257}{AF}{00C6}% LATIN CAPITAL LETTER AE

4988 \SE@MapDeclare{cp1257}{B0}{00B0}% DEGREE SIGN  
 4989 \SE@MapDeclare{cp1257}{B1}{00B1}% PLUS-MINUS SIGN  
 4990 \SE@MapDeclare{cp1257}{B2}{00B2}% SUPERScript TWO  
 4991 \SE@MapDeclare{cp1257}{B3}{00B3}% SUPERScript THREE  
 4992 \SE@MapDeclare{cp1257}{B4}{00B4}% ACUTE ACCENT  
 4993 \SE@MapDeclare{cp1257}{B5}{00B5}% MICRO SIGN  
 4994 \SE@MapDeclare{cp1257}{B6}{00B6}% PILCROW SIGN  
 4995 \SE@MapDeclare{cp1257}{B7}{00B7}% MIDDLE DOT  
 4996 \SE@MapDeclare{cp1257}{B8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4997 \SE@MapDeclare{cp1257}{B9}{00B9}% SUPERScript ONE  
 4998 \SE@MapDeclare{cp1257}{BA}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 4999 \SE@MapDeclare{cp1257}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 5000 \SE@MapDeclare{cp1257}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 5001 \SE@MapDeclare{cp1257}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 5002 \SE@MapDeclare{cp1257}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 5003 \SE@MapDeclare{cp1257}{BF}{00BF}% LATIN SMALL LETTER AE  
 5004 \SE@MapDeclare{cp1257}{C0}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 5005 \SE@MapDeclare{cp1257}{C1}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 5006 \SE@MapDeclare{cp1257}{C2}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 5007 \SE@MapDeclare{cp1257}{C3}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 5008 \SE@MapDeclare{cp1257}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 5009 \SE@MapDeclare{cp1257}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 5010 \SE@MapDeclare{cp1257}{C6}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 5011 \SE@MapDeclare{cp1257}{C7}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 5012 \SE@MapDeclare{cp1257}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 5013 \SE@MapDeclare{cp1257}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 5014 \SE@MapDeclare{cp1257}{CA}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 5015 \SE@MapDeclare{cp1257}{CB}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 5016 \SE@MapDeclare{cp1257}{CC}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 5017 \SE@MapDeclare{cp1257}{CD}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 5018 \SE@MapDeclare{cp1257}{CE}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 5019 \SE@MapDeclare{cp1257}{CF}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 5020 \SE@MapDeclare{cp1257}{D0}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 5021 \SE@MapDeclare{cp1257}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 5022 \SE@MapDeclare{cp1257}{D2}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 5023 \SE@MapDeclare{cp1257}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 5024 \SE@MapDeclare{cp1257}{D4}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 5025 \SE@MapDeclare{cp1257}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 5026 \SE@MapDeclare{cp1257}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 5027 \SE@MapDeclare{cp1257}{D7}{00D7}% MULTIPLICATION SIGN  
 5028 \SE@MapDeclare{cp1257}{D8}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 5029 \SE@MapDeclare{cp1257}{D9}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 5030 \SE@MapDeclare{cp1257}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 5031 \SE@MapDeclare{cp1257}{DB}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 5032 \SE@MapDeclare{cp1257}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 5033 \SE@MapDeclare{cp1257}{DD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 5034 \SE@MapDeclare{cp1257}{DE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 5035 \SE@MapDeclare{cp1257}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 5036 \SE@MapDeclare{cp1257}{E0}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 5037 \SE@MapDeclare{cp1257}{E1}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 5038 \SE@MapDeclare{cp1257}{E2}{0101}% LATIN SMALL LETTER A WITH MACRON  
 5039 \SE@MapDeclare{cp1257}{E3}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 5040 \SE@MapDeclare{cp1257}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 5041 \SE@MapDeclare{cp1257}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 5042 \SE@MapDeclare{cp1257}{E6}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 5043 \SE@MapDeclare{cp1257}{E7}{0113}% LATIN SMALL LETTER E WITH MACRON  
 5044 \SE@MapDeclare{cp1257}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 5045 \SE@MapDeclare{cp1257}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 5046 \SE@MapDeclare{cp1257}{EA}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 5047 \SE@MapDeclare{cp1257}{EB}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 5048 \SE@MapDeclare{cp1257}{EC}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 5049 \SE@MapDeclare{cp1257}{ED}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 5050 \SE@MapDeclare{cp1257}{EE}{012B}% LATIN SMALL LETTER I WITH MACRON  
 5051 \SE@MapDeclare{cp1257}{EF}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 5052 \SE@MapDeclare{cp1257}{F0}{0161}% LATIN SMALL LETTER S WITH CARON  
 5053 \SE@MapDeclare{cp1257}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 5054 \SE@MapDeclare{cp1257}{F2}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 5055 \SE@MapDeclare{cp1257}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 5056 \SE@MapDeclare{cp1257}{F4}{014D}% LATIN SMALL LETTER O WITH MACRON  
 5057 \SE@MapDeclare{cp1257}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 5058 \SE@MapDeclare{cp1257}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 5059 \SE@MapDeclare{cp1257}{F7}{00F7}% DIVISION SIGN  
 5060 \SE@MapDeclare{cp1257}{F8}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 5061 \SE@MapDeclare{cp1257}{F9}{0142}% LATIN SMALL LETTER L WITH STROKE  
 5062 \SE@MapDeclare{cp1257}{FA}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 5063 \SE@MapDeclare{cp1257}{FB}{016B}% LATIN SMALL LETTER U WITH MACRON  
 5064 \SE@MapDeclare{cp1257}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 5065 \SE@MapDeclare{cp1257}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 5066 \SE@MapDeclare{cp1257}{FE}{017E}% LATIN SMALL LETTER Z WITH CARON  
 5067 \SE@MapDeclare{cp1257}{FF}{02D9}% DOT ABOVE  
 5068 (/cp1257)

## 3 Test

### 3.1 Catcode checks for loading

```
5069 <*test1>
5070 \NeedsTeXFormat{LaTeX2e}
5071 \nofiles
5072 \documentclass{minimal}
5073 \makeatletter
5074
5075 \newcommand*{\RestoreCatcodes}{%
5076   \count@=0 %
5077   \loop
5078     \edef\RestoreCatcodes{%
5079       \RestoreCatcodes
5080       \catcode\the\count@=\the\catcode\count@\relax
5081     }%
5082   \ifnum\count@<255 %
5083     \advance\count@\@ne
5084   \repeat
5085
5086 \newcommand*{\RangeCatcodeInvalid}[2]{%
5087   \count@=#1\relax
5088   \loop
5089     \catcode\count@=15 %
5090   \ifnum\count@<#2\relax
5091     \advance\count@\@ne
5092   \repeat
5093 }
5094 \def\Test{%
5095   \RangeCatcodeInvalid{0}{47}%
5096   \RangeCatcodeInvalid{58}{64}%
5097   \RangeCatcodeInvalid{91}{96}%
5098   \RangeCatcodeInvalid{123}{255}%
5099   \catcode'\@=12 %
5100   \catcode'\=0 %
5101   \catcode'\{=1 %
5102   \catcode'\}=2 %
5103   \catcode'\#=6 %
5104   \catcode'\[=12 %
5105   \catcode'\]=12 %
5106   \catcode'\%=14 %
5107   \catcode'\ =10 %
5108   \catcode13=5 %
5109   \usepackage{stringenc}[2010/03/01]%
5110   \RestoreCatcodes
5111 }
5112 \Test
5113
5114 \ifx\numexpr\relax
5115   \expandafter\@@end
5116 \fi
5117
5118 \usepackage{qstest}
5119 \IncludeTests{*}
5120 \LogTests{log}{*}{*}
5121 \def\Test#1{%
5122   \begin{qstest}{loading}{loading}%
5123   % \RangeCatcodeInvalid{0}{47}%
5124   % % 0-9
5125   % \RangeCatcodeInvalid{58}{64}%
5126   % % A-Z
```

```

5127 % \RangeCatcodeInvalid{91}{96}%
5128 % % a-z
5129 % \RangeCatcodeInvalid{123}{255}%
5130 \setbox0=\hbox{%
5131 \def\par{p}%
5132 \RangeCatcodeInvalid{0}{255}%
5133 \StringEncodingLoad{#1}%
5134 }%
5135 \Expect*{\the\wd0}{0.0pt}%
5136 \end{qstest}%
5137 }
5138 \@for\x:=\StringEncodingList\do{%
5139 \Test\x
5140 }
5141 \@@end
5142 </test1>

```

### 3.2 Conversion tests

```

5143 <*test2>
5144 \NeedsTeXFormat{LaTeX2e}
5145 \nofiles
5146 \documentclass{minimal}
5147
5148 \ifx\plainmode Y
5149 \let\SavedNumexpr\numexpr
5150 \let\numexpr\relax
5151 \fi
5152 \usepackage{stringenc}[2010/03/01]
5153 \ifx\plainmode Y
5154 \let\numexpr\SavedNumexpr
5155 \fi
5156 \usepackage{qstest}
5157 \IncludeTests{*}
5158 \LogTests{log}{*}{*}
5159
5160 \def\Test#1#2#3#4#5{%
5161 \begingroup
5162 \edef\x{\endgroup
5163 \noexpand\TestTest{#1}{#2}{#3}{#4}#5||\noexpand\NIL
5164 }%
5165 \x
5166 }
5167 \def\TestTest#1#2#3#4#5|#6|#7\NIL{%
5168 \begin{qstest}{encodings}{encodings, conversion}%
5169 \setbox0=\hbox{%
5170 \def\par{p}%
5171 \EdefUnescapeHex\IN{#4}%
5172 \StringEncodingConvert\RESULT\IN{#1}{#2}%
5173 \EdefEscapeHex\RESULT\RESULT
5174 \Expect*{\RESULT}*{#5#6}%
5175 \Expect*{\StringEncodingSuccessFailure{true}{false}}{#3}%
5176 \StringEncodingSuccessFailure{}{%
5177 \StringEncodingConvertTest\RESULT\IN{#1}{#2}{%
5178 }{%
5179 \EdefEscapeHex\RESULT\RESULT
5180 \Expect*{\RESULT}{#5}%
5181 }%
5182 }%
5183 }%
5184 \Expect*{\the\wd0}{0.0pt}%
5185 \end{qstest}%
5186 }

```

```

5187
5188 \def\AllBytesLow{%
5189 000102030405060708090A0B0C0D0E0F101112131415161718191A1B1C1D1E1F%
5190 202122232425262728292A2B2C2D2E2F303132333435363738393A3B3C3D3E3F%
5191 404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F%
5192 606162636465666768696A6B6C6D6E6F707172737475767778797A7B7C7D7E7F%
5193 }
5194 \def\AllBytesHigh{%
5195 808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E9F%
5196 A0A1A2A3A4A5A6A7A8A9AAABACADAFAFB0B1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5197 C0C1C2C3C4C5C6C7C8C9CACBCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5198 E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFF%
5199 }
5200 \def\AllBytes{%
5201 \AllBytesLow
5202 \AllBytesHigh
5203 }
5204 \def\AllUnicodeLow{%
5205 0000000100020003000400050006000700080009000A000B000C000D000E000F%
5206 0010001100120013001400150016001700180019001A001B001C001D001E001F%
5207 0020002100220023002400250026002700280029002A002B002C002D002E002F%
5208 0030003100320033003400350036003700380039003A003B003C003D003E003F%
5209 0040004100420043004400450046004700480049004A004B004C004D004E004F%
5210 0050005100520053005400550056005700580059005A005B005C005D005E005F%
5211 0060006100620063006400650066006700680069006A006B006C006D006E006F%
5212 0070007100720073007400750076007700780079007A007B007C007D007E007F%
5213 }

```

### 3.2.1 UTF8/16/32 encodings

```

5214 \Test{utf16be}{utf16be}{true}%
5215 {004D04304E8CD800DF02}%
5216 {004D04304E8CD800DF02}%
5217 \Test{utf16}{utf16be}{true}%
5218 {004D04304E8CD800DF02}%
5219 {004D04304E8CD800DF02}%
5220 \Test{utf16be}{utf16}{true}%
5221 {004D04304E8CD800DF02}%
5222 {004D04304E8CD800DF02}%
5223 \Test{utf16}{utf16}{true}%
5224 {004D04304E8CD800DF02}%
5225 {004D04304E8CD800DF02}%
5226 \Test{utf16}{utf16}{true}%
5227 {FEFF004D04304E8CD800DF02}%
5228 {004D04304E8CD800DF02}%
5229 \Test{utf16}{utf16}{true}%
5230 {FFFE4D0030048C4E00D802DF}%
5231 {004D04304E8CD800DF02}%
5232 \Test{utf16be}{utf32be}{true}%
5233 {004D04304E8CD800DF02}%
5234 {0000004D00000043000004E8C00010302}%
5235 \Test{utf16be}{utf32le}{true}%
5236 {004D04304E8CD800DF02}%
5237 {4D000000300400008C4E000002030100}%
5238 \Test{utf32be}{utf16}{true}%
5239 {0000004D00000043000004E8C00010302}%
5240 {004D04304E8CD800DF02}%
5241 \Test{utf32le}{utf16}{true}%
5242 {4D000000300400008C4E000002030100}%
5243 {004D04304E8CD800DF02}%
5244 \Test{utf32}{utf16}{true}%
5245 {0000004D00000043000004E8C00010302}%
5246 {004D04304E8CD800DF02}%
5247 \Test{utf32}{utf16}{true}%

```

```

5248 {0000FEFF0000004D0000043000004E8C00010302}%
5249 {004D04304E8CD800DF02}%
5250 \Test{utf32}{utf16}{true}%
5251 {FFFE00004D000000300400008C4E000002030100}%
5252 {004D04304E8CD800DF02}%
5253 \Test{utf32be}{utf16be}{false}{FFFFFFFF}{-}
5254 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF}{004D}
5255 \Test{utf32be}{utf16be}{false}{FFFFFFFF0000004D}{|004D}
5256 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF00000430}{004D|0430}
5257 \Test{utf32be}{utf16be}{false}{FFFFFFFF0000004DFFFFFFFF}{|004D}
5258 \Test{utf32be}{utf16be}{false}{FFFFFF}{-}
5259 \Test{utf32be}{utf16be}{false}{0000004DFFFFFF}{004D}
5260 \Test{utf32be}{utf16be}{false}{FFFFFF0000004D}{-}
5261 \Test{utf32be}{utf16be}{false}{0000004DFFFFFF00000430}{004D}
5262 \Test{utf32be}{utf16be}{false}{FFFFFF0000004DFFFFFF}{|4DFF}
5263 \Test{utf32be}{utf16be}{false}{FFFF}{-}
5264 \Test{utf32be}{utf16be}{false}{0000004DFFFF}{004D}
5265 \Test{utf32be}{utf16be}{false}{FFFF0000004D}{-}
5266 \Test{utf32be}{utf16be}{false}{0000004DFFFF00000430}{004D}
5267 \Test{utf32be}{utf16be}{false}{FF}{-}
5268 \Test{utf32be}{utf16be}{false}{0000004DFF}{004D}
5269 \Test{utf32be}{utf16be}{false}{FF0000004D}{-}
5270 \Test{utf32be}{utf16be}{false}{0000004DFF00000430}{004D}
5271 \Test{utf16be}{utf32be}{true}{DBBFDFFF}{000FFFFF}
5272 \Test{utf16be}{utf8}{true}%
5273 {004D04304E8CD800DF02}%
5274 {4DD0B0E4BA8CF0908C82}%
5275 \Test{utf32}{utf8}{true}%
5276 {000000000000007F000000800000FFFF000100000010FFFF}%
5277 {007FC280EFBFBFF0908080F48FBFBF}%
5278 \Test{utf8}{utf16}{true}%
5279 {007FC280EFBFBFF0908080F48FBFBF}%
5280 {0000007F0080FFFFD800DC00DBFFDFFF}%
5281 \Test{utf16}{utf32}{true}%
5282 {0000007F0080FFFFD800DC00DBFFDFFF}%
5283 {000000000000007F000000800000FFFF000100000010FFFF}%
5284 \Test{utf8}{utf32}{true}%
5285 {007FC280EFBFBFF0908080F48FBFBF}%
5286 {000000000000007F000000800000FFFF000100000010FFFF}%
5287 \Test{utf8}{utf16}{false}{64F57F}{|0064007F}
5288 \Test{utf8}{utf16}{false}{64FE7F}{|0064007F}
5289 \Test{utf8}{utf16}{false}{64FF7F}{|0064007F}
5290 \Test{utf8}{utf16}{false}{80}{-}
5291 \Test{utf8}{utf16}{false}{7F807F}{007F|007F}
5292 \Test{utf8}{utf16}{false}{C0}{-}
5293 \Test{utf8}{utf16}{false}{7FC07F}{|007F007F}
5294 \Test{utf8}{utf16}{false}{C1}{-}
5295 \Test{utf8}{utf16}{false}{7FC17F}{|007F007F}
5296 \Test{utf8}{utf16}{false}{C080}{-}
5297 \Test{utf8}{utf16}{false}{C2}{-}
5298 \Test{utf8}{utf16}{false}{C2CF}{-}
5299 \Test{utf8}{utf16}{false}{12C27F}{0012|007F}
5300 \Test{utf8}{utf16}{true}{C280}{0080}
5301 \Test{utf8}{utf16}{true}{DFBF}{07FF}
5302 \Test{utf8}{utf16}{false}{E0}{-}
5303 \Test{utf8}{utf16}{false}{E07F}{|007F}
5304 \Test{utf8}{utf16}{false}{E0A0}{-}
5305 \Test{utf8}{utf16}{false}{E0A07F}{|007F}
5306 \Test{utf8}{utf16}{false}{E08080}{-}
5307 \Test{utf8}{utf16}{false}{E080807F}{|007F}
5308 \Test{utf8}{utf16}{true}{ED8080}{D000}
5309 \Test{utf8}{utf16}{true}{ED9FBF}{D7FF}

```

```

5310 \Test{utf8}{utf16}{true}{EE8080}{E000}
5311 \Test{utf8}{utf16}{true}{EFBFBF}{FFFF}
5312 \Test{utf8}{utf32}{false}{F0}{}
5313 \Test{utf8}{utf32}{false}{F07F}{|0000007F}
5314 \Test{utf8}{utf32}{false}{F090}{}
5315 \Test{utf8}{utf32}{false}{F0907F}{|0000007F}
5316 \Test{utf8}{utf32}{false}{F09080}{}
5317 \Test{utf8}{utf32}{false}{F090807F}{|0000007F}
5318 \Test{utf8}{utf32}{true}{F0908080}{00010000}
5319 \Test{utf8}{utf32}{false}{F0808080}{}
5320 \Test{utf8}{utf32}{false}{F08080807F}{|0000007F}
5321 \Test{utf8}{utf32}{true}{F1808080}{00040000}
5322 \Test{utf8}{utf32}{true}{F3BFBFBF}{000FFFFF}
5323 \Test{utf8}{utf32}{true}{F4808080}{00100000}
5324 \Test{utf8}{utf32}{true}{F48FBFBF}{0010FFFF}
5325 \Test{utf8}{utf32}{false}{F4BFBFBF}{}
5326 \Test{utf8}{utf32}{false}{F4BFBFBF7F}{|0000007F}
5327 \Test{utf16be}{utf8}{true}{0000}{00}
5328 \Test{utf16be}{utf8}{true}{007F}{7F}
5329 \Test{utf16be}{utf8}{true}{0080}{C280}
5330 \Test{utf16be}{utf8}{true}{07FF}{DFBF}
5331 \Test{utf16be}{utf8}{true}{0800}{E0A080}
5332 \Test{utf16be}{utf8}{true}{0FFF}{E0BFBF}
5333 \Test{utf16be}{utf8}{true}{1000}{E18080}
5334 \Test{utf16be}{utf8}{true}{CFFF}{ECBFBF}
5335 \Test{utf16be}{utf8}{true}{D000}{ED8080}
5336 \Test{utf16be}{utf8}{true}{D7FF}{ED9FBF}
5337 \Test{utf16be}{utf8}{false}{D800}{}
5338 \Test{utf16be}{utf8}{false}{DFFF}{}
5339 \Test{utf16be}{utf8}{true}{E000}{EE8080}
5340 \Test{utf16be}{utf8}{true}{FFFF}{EFBFBF}
5341 \Test{utf32be}{utf8}{true}{00010000}{F0908080}
5342 \Test{utf32be}{utf8}{true}{0003FFFF}{F0BFBFBF}
5343 \Test{utf32be}{utf8}{true}{00040000}{F1808080}
5344 \Test{utf32be}{utf8}{true}{000FFFFF}{F3BFBFBF}
5345 \Test{utf32be}{utf8}{true}{00100000}{F4808080}
5346 \Test{utf32be}{utf8}{true}{0010FFFF}{F48FBFBF}
5347 \Test{utf32be}{utf8}{false}{00110000}{}
5348 \Test{utf32be}{utf8}{false}{001100000000007F}{|7F}

```

### 3.2.2 ASCII

```

5349 \Test{ascii}{utf8}{true}{007F}{007F}
5350 \Test{ascii}{utf8}{false}{80}{}
5351 \Test{ascii}{utf8}{false}{80}{}
5352 \Test{ascii}{utf8}{false}{807F}{|7F}
5353 \Test{utf16be}{ascii}{true}{0000007F}{007F}
5354 \Test{utf16be}{ascii}{false}{0080}{}
5355 \Test{utf16be}{ascii}{false}{0430}{}
5356 \Test{utf16be}{ascii}{false}{D800DF02}{}
5357 \Test{utf16be}{ascii}{false}{D800DF02007F}{|7F}
5358 \Test{ascii}{utf16be}{true}\AllBytesLow\AllUnicodeLow
5359 \Test{utf16be}{ascii}{true}\AllUnicodeLow\AllBytesLow

```

### 3.2.3 PDFDocEncoding

```

5360 \def\pdfdocSlots{%
5361   090A0D18191A1B1C1D1E1F%
5362   202122232425262728292A2B2C2D2E2F303132333435363738393A3B3C3D3E3F%
5363   404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F%
5364   606162636465666768696A6B6C6D6E6F707172737475767778797A7B7C7D7E%
5365   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E%
5366   A0A1A2A3A4A5A6A7A8A9AABACAEAFB0B1B2B3B4B5B6B7B8B9ABBBBCBDBEBF%
5367   C0C1C2C3C4C5C6C7C8C9CACBCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5368   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFF%

```

```

5369 }
5370 \def\pdfdocUnicode{%
5371 0009000A000D02D802C702C602D902DD02DB02DA02DC%
5372 0020002100220023002400250026002700280029002A002B002C002D002E002F%
5373 0030003100320033003400350036003700380039003A003B003C003D003E003F%
5374 0040004100420043004400450046004700480049004A004B004C004D004E004F%
5375 0050005100520053005400550056005700580059005A005B005C005D005E005F%
5376 0060006100620063006400650066006700680069006A006B006C006D006E006F%
5377 0070007100720073007400750076007700780079007A007B007C007D007E%
5378 202220202021202620142013019220442039203A22122030201E201C201D2018%
5379 2019201A2122FB01FB020141015201600178017D0131014201530161017E%
5380 20AC00A100A200A300A400A500A600A700A800A900AA00AB00AC00AE00AF%
5381 00B000B100B200B300B400B500B600B700B800B900BA00BB00BC00BD00BE00BF%
5382 00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5383 00D000D100D200D300D400D500D600D700D800D900DA00DB00DC00DD00DE00DF%
5384 00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5385 00F000F100F200F300F400F500F600F700F800F900FA00FB00FC00FD00FE00FF%
5386 }
5387 \Test{pdfdoc}{utf16be}{false}%
5388 {0001020304050607080B0C0E0F10111213141516177F9FAD}%
5389 {}%
5390 \Test{pdfdoc}{utf16be}{true}\pdfdocSlots\pdfdocUnicode
5391 \Test{pdfdoc}{utf16be}{false}\AllBytes{\pdfdocUnicode}%
5392 \Test{utf16be}{pdfdoc}{true}\pdfdocUnicode\pdfdocSlots
5393 \Test{utf16be}{pdfdoc}{true}{FEFF0054006500730074}{54657374}

```

### 3.2.4 ISO-8859-1

```

5394 \Test{iso-8859-1}{utf16be}{true}{007FA0FF}{0000007F00A000FF}
5395 \Test{iso-8859-1}{utf16be}{false}{80}{-}
5396 \Test{iso-8859-1}{utf16be}{false}{807F}{|007F}
5397 \Test{iso-8859-1}{utf16be}{false}{9F}{-}
5398 \Test{iso-8859-1}{utf16be}{false}{9F7F}{|007F}

```

### 3.2.5 CP1252

```

5399 \def\Slots{%
5400 \AllBytesLow
5401 8082838485868788898A8B8C8E9192939495969798999A9B9C9E9F%
5402 A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5403 C0C1C2C3C4C5C6C7C8C9CACBCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5404 E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FABFBCFDFEF%
5405 }
5406 \def\Unicode{%
5407 \AllUnicodeLow
5408 20AC201A0192201E20262020202102C62030016020390152017D%
5409 20182019201C201D20222013201402DC21220161203A0153017E0178%
5410 00A000A100A200A300A400A500A600A700A800A900AA00AB00AC00AD00AE00AF%
5411 00B000B100B200B300B400B500B600B700B800B900BA00BB00BC00BD00BE00BF%
5412 00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5413 00D000D100D200D300D400D500D600D700D800D900DA00DB00DC00DD00DE00DF%
5414 00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5415 00F000F100F200F300F400F500F600F700F800F900FA00FB00FC00FD00FE00FF%
5416 }
5417 \Test{cp1252}{utf16be}{false}{818D8F909D}{-}
5418 \Test{cp1252}{utf16be}{true}\Slots\Unicode
5419 \Test{utf16be}{cp1252}{true}\Unicode\Slots

```

### 3.2.6 KOI8-R

```

5420 \def\Slots{%
5421 \AllBytesLow
5422 808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E9F%
5423 A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5424 C0C1C2C3C4C5C6C7C8C9CACBCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%

```



```

5425 E0E1E2E3E4E5E6E7E8E9EAECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFF%
5426 }
5427 \def\Unicode{%
5428 \AllUnicodeLow
5429 25002502250C251025142518251C2524252C2534253C258025842588258C2590%
5430 259125922593232025A02219221A22482264226500A0232100B000B200B700F7%
5431 25502551255204512553255425552556255725582559255A255B255C255D255E%
5432 255F25602561040125622563256425652566256725682569256A256B256C00A9%
5433 044E0430043104460434043504440433044504380439043A043B043C043D043E%
5434 043F044F044004410442044304360432044C044B04370448044D04490447044A%
5435 042E0410041104260414041504240413042504180419041A041B041C041D041E%
5436 041F042F042004210422042304160412042C042B04170428042D04290427042A%
5437 }
5438 \Test{koi8-r}{utf16be}{true}\Slots\Unicode
5439 \Test{utf16be}{koi8-r}{true}\Unicode\Slots

```

### 3.2.7 DEC-MCS

```

5440 \def\Slots{%
5441 \AllBytesLow
5442 A1A2A3A5A7A8A9AAABBB0B1B2B3B5B6B7B9BABBBBCBDBF%
5443 C0C1C2C3C4C5C6C7C8C9CACBCCDCECFD1D2D3D4D5D6D7D8D9DADBDCDDDF%
5444 E0E1E2E3E4E5E6E7E8E9EAECEDEEEFF1F2F3F4F5F6F7F8F9FAFBFCFD%
5445 }
5446 \def\Unicode{%
5447 \AllUnicodeLow
5448 00A100A200A300A500A700A400A900AA00AB%
5449 00B000B100B200B300B500B600B700B900BA00BB00BC00BD00BF%
5450 00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5451 00D100D200D300D400D500D6015200D800D900DA00DB00DC017800DF%
5452 00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5453 00F100F200F300F400F500F6015300F800F900FA00FB00FC00FF%
5454 }
5455 \Test{dec-mcs}{utf16be}{true}\Slots\Unicode
5456 \Test{dec-mcs}{utf16be}{false}{COBEC2}{00C0|00C2}
5457 \Test{utf16be}{dec-mcs}{true}\Unicode\Slots

```

## 3.3 Removal of byte order marks

```

5458 \Test{utf16be}{utf16be}{true}{FEFF}{}
5459 \Test{utf16be}{utf16be}{true}{FFFE}{FFFE}
5460 \Test{utf16le}{utf16le}{true}{FFFE}{}
5461 \Test{utf16le}{utf16le}{true}{FEFF}{FEFF}
5462 \Test{utf32be}{utf32be}{true}{0000FEFF}{}
5463 \Test{utf32be}{utf32be}{true}{0000FFFE}{0000FFFE}
5464 \Test{utf32le}{utf32le}{true}{FFFE0000}{}
5465 \Test{utf32le}{utf32le}{true}{FEFF0000}{FEFF0000}
5466 \csname @@end\endcsname
5467 </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.

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

**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):

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

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