

# 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  $\epsilon$ -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>}`

If the converted string does not interest in case of an error, then `\StringEncodingConvertTest` is more efficient, 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.

## 1.2 Supported encodings

ascii, us-ascii	ASCII encoding, 8bit characters disabled
cp437, cp437de	Code page 437
cp850	Code page 850

cp852	Code page 852
cp855	Code page 855
cp858	Code page 858
cp865	Code page 865
cp866	Code page 866
cp1250	Code page 1250
cp1251	Code page 1251
cp1252, ansinew	Code page 1252
cp1257	Code page 1257
dec-mcs, decmulti	DEC Multinational
koi8-r	KOI8-R (RFC1489)
iso-8859-1, latin1	ISO-8859-1
iso-8859-2, latin2	ISO-8859-2
iso-8859-3, latin3	ISO-8859-3
iso-8859-4, latin4	ISO-8859-4
iso-8859-5, iso88595	ISO-8859-5
iso-8859-9, latin5	ISO-8859-9
iso-8859-10, latin6	ISO-8859-10
iso-8859-13, latin7	ISO-8859-13
iso-8859-14, latin8	ISO-8859-14
iso-8859-15, latin9	ISO-8859-15
iso-8859-16, latin10	ISO-8859-16
mac-centeuro, mac-ce, macce	MAC OS Central European
mac-cyrillic, maccyr, mac-ukrainian, macukr	MAC OS Cyrillic
mac-roman, applemac	MAC OS Roman
nextstep, next	NextStep Encoding
utf8, utf-8	UTF-8
utf16be, utf-16be, utf16, utf-16	UTF-16BE
utf16le, utf-16le	UTF-16LE
utf32be, utf-32be, utf32, utf-32	UTF-32BE
utf32le, utf-32le	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   \expandafter\let\expandafter\x\csname ver@stringenc.sty\endcsname
9   \ifcase 0%
10    \ifx\x\relax % plain
11    \else
12    \ifx\x\empty % LaTeX
13    \else
14    1%
15    \fi
16    \fi
17  \else
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     \endgroup
27     \expandafter\endinput
28     \fi
29 \endgroup
Package identification:
30 \beginingroup
31   \catcode40 12 % (
32   \catcode41 12 % )
33   \catcode44 12 % ,
34   \catcode45 12 % -
35   \catcode46 12 % .
36   \catcode47 12 % /
37   \catcode58 12 % :
38   \catcode64 11 % @
39   \expandafter\ifx\csname ProvidesPackage\endcsname\relax
40     \def\x#1#2#3[#4]{\endgroup
41       \immediate\write-1{Package: #3 #4}%
42       \xdef#1{#4}%
43     }%
44   \else
45     \def\x#1#2[#3]{\endgroup
46       #2[#{#3}]%
47       \ifx#1\relax
48         \xdef#1{#3}%
49       \fi
50     }%
51   \fi
52 \expandafter\x\csname ver@stringenc.sty\endcsname
53 \ProvidesPackage{stringenc}%
54 [2007/06/16 v1.1 Converts strings between encodings (HO)]

```

## 2.2 Catcodes

```

55 \expandafter\edef\csname SE@AtEnd\endcsname{%
56   \catcode64 \the\catcode64\relax
57 }
58 \catcode64 11 % @
59 \def\SE@EnsureCode#1#2#3{%
60   \edef\SE@AtEnd{%
61     \SE@AtEnd
62     #1#2 \the#1#2\relax
63   }%
64   #1#2 #3\relax
65 }
66 \SE@EnsureCode\catcode{34}{12}% "
67 \SE@EnsureCode\catcode{36}{3}% $
68 \SE@EnsureCode\catcode{38}{4}% &
69 \SE@EnsureCode\catcode{39}{12}% '
70 \SE@EnsureCode\catcode{40}{12}% (
71 \SE@EnsureCode\catcode{41}{12}% )
72 \SE@EnsureCode\catcode{42}{12}% *
73 \SE@EnsureCode\catcode{43}{12}% +
74 \SE@EnsureCode\catcode{44}{12}% ,
75 \SE@EnsureCode\catcode{45}{12}% -
76 \SE@EnsureCode\catcode{46}{12}% .
77 \SE@EnsureCode\catcode{58}{12}% :
78 \SE@EnsureCode\catcode{60}{12}% <
79 \SE@EnsureCode\catcode{61}{12}% =
80 \SE@EnsureCode\catcode{62}{12}% >

```

```

81 \SE@EnsureCode\catcode{91}{12}% [
82 \SE@EnsureCode\catcode{93}{12}% ]
83 \SE@EnsureCode\catcode{94}{7}% ^
84 \SE@EnsureCode\catcode{96}{12}% ‘
85 \SE@EnsureCode\uccode{34}{0}% "
86 \SE@EnsureCode\uccode{48}{0}% 0
87 \SE@EnsureCode\uccode{61}{0}% =

```

## 2.3 Tools

```

88 \begingroup\expandafter\expandafter\expandafter\endgroup
89 \expandafter\ifx\csname RequirePackage\endcsname\relax
90   \input infwarerr.sty\relax
91   \input pdfescape.sty\relax
92 \else
93   \RequirePackage{infwarerr}%
94   \RequirePackage{pdfescape}%
95 \fi

\SE@Empty

96 \def\SE@Empty{}

\SE@FirstOfOne

97 \long\def\SE@FirstOfOne#1{#1}

\SE@FirstOfTwo

98 \long\def\SE@FirstOfTwo#1#2{#1}

\SE@SecondOfTwo

99 \long\def\SE@SecondOfTwo#1#2{#2}

\SE@GobbleTwo

100 \long\def\SE@GobbleTwo#1#2{}

\SE@GobbleFour

101 \long\def\SE@GobbleFour#1#2#3#4{}

\SE@GobbleEight

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

\SE@CarTwo

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

\SE@PrefixFrom

104 \def\SE@PrefixFrom{SE<}

\SE@PrefixSurrogateFrom

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

\SE@PrefixTo

106 \def\SE@PrefixTo{SE>}

\SE@PrefixSurrogateTo

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

\SE@zero

108 \chardef\SE@zero=0 %

\SE@one

109 \chardef\SE@one=1 %

```

\SE@ResultAdd

```
110 \def\SE@ResultAdd#1{%
111   \edef\SE@result{\SE@result#1}%
112 }

113 \newif\ifSE@invalid
```

\SE@InvalidCharacter

```
114 \def\SE@InvalidCharacter{%
115   \SE@invalidtrue
116 }
```

\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.

```
117 \def\SE@ConvertTo#1#2#3{%
118   \let\SE@result\SE@Empty
119   \PE@sanitize\SE@encoding{#3}%
120   \expandafter\ifx\csname\SE@PrefixTo\SE@encoding\endcsname\relax
121     \StringEncodingLoad\SE@encoding
122   \fi
123   \expandafter\ifx\csname\SE@PrefixTo\SE@encoding\endcsname\relax
124     \@PackageError{stringenc}{%
125       Conversion to encoding ‘\SE@encoding’\MessageBreak
126       is not supported%
127     }\@ehc
128   \else
129     \expandafter\let\expandafter\SE@ConvertNormal
130       \csname\SE@PrefixTo\SE@encoding\endcsname
131     \expandafter\let\expandafter\SE@ConvertSurrogate
132       \csname\SE@PrefixSurrogateTo\SE@encoding\endcsname
133     \SE@@ConvertTo#2\relax\relax\relax\relax
134   \fi
135   \let#1\SE@result
136 }
```

\SE@@ConvertTo

```
137 \def\SE@@ConvertTo#1#2#3#4{%
138   \ifx#1\relax
139     \let\SE@next\relax
140   \else
141     \ifx#4\relax
142       \let\SE@next\relax
143       \SE@InvalidCharacter
144     \else
145       \let\SE@next\SE@@ConvertTo
146       \ifnum"#1#2#3#4<"D800 %
147         \SE@ConvertNormal#1#2#3#4%
148       \else
149         \ifnum"#1#2#3#4>"DFFF %
150           \SE@ConvertNormal#1#2#3#4%
151         \else
152           \ifnum"#1#2#3#4>"DBFF %
153             \SE@InvalidCharacter
154           \else
155             \def\SE@high{#1#2#3#4}%
156             \let\SE@next\SE@@ScanLow
157           \fi
158         \fi
159       \fi
160       \ifSE@TestMode
161         \ifSE@invalid
162           \let\SE@next\SE@SkipRemaining
```

```

163     \fi
164     \fi
165     \fi
166     \fi
167     \SE@next
168 }

```

\SE@SkipRemaining

```

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

```

\SE@@ScanLow

```

170 \def\SE@@ScanLow#1#2#3#4{%
171     \ifx#4\relax
172         \SE@InvalidCharacter
173         \let\SE@next\relax
174     \else
175         \ifcase\ifnum"#1#2#3#4<"DC00 %
176             \SE@zero
177         \else
178             \ifnum"#1#2#3#4>"DFFF %
179                 \SE@zero
180             \else
181                 \SE@one
182             \fi
183         \fi
184         \SE@InvalidCharacter
185         \ifSE@TestMode
186             \let\SE@next\SE@SkipRemaining
187         \else
188             \def\SE@next{\SE@@ConvertTo#1#2#3#4}%
189         \fi
190     \else
191         \ifx\SE@ConvertSurrogate\relax
192         \else
193             \expandafter\SE@ConvertSurrogate\SE@high#1#2#3#4%
194         \fi
195         \let\SE@next\SE@@ConvertTo
196         \ifSE@TestMode
197             \ifSE@invalid
198                 \let\SE@next\SE@SkipRemaining
199             \fi
200         \fi
201     \fi
202 \fi
203 \SE@next
204 }

```

\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.

```

205 \def\SE@ConvertFrom#1#2#3{%
206     \let\SE@result\SE@Empty
207     \PE@sanitize\SE@encoding{#3}%
208     \expandafter\ifx\csname\SE@PrefixFrom\SE@encoding\endcsname\relax
209         \StringEncodingLoad\SE@encoding
210     \fi
211     \expandafter\ifx\csname\SE@PrefixFrom\SE@encoding\endcsname\relax
212         \@PackageError{stringenc}{%
213             Conversion from encoding ‘\SE@encoding’\MessageBreak
214             is not supported%
215         }\@ehc
216     \else
217         \csname\SE@PrefixFrom\SE@encoding\endcsname{#2}%

```

```

218 \fi
219 \let#1\SE@result
220 }

```

`\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.

```

221 \def\StringEncodingLoad#1{%
222   \begingroup
223     \catcode32=10 % space/space
224     \catcode34=12 % "
225     \catcode35=6  % #/parameter
226     \catcode37=14 % percent/comment character
227     \catcode45=12 % -
228     \catcode46=12 % .
229     \catcode47=12 % /
230     \catcode58=12 % :
231     \catcode60=12 % <
232     \catcode61=12 % =
233     \catcode62=12 % >
234     \catcode64=11 % @
235     \catcode91=12 % [
236     \catcode92=0  % backslash/escape character
237     \catcode93=12 % ]
238     \catcode123=1 % {/beginning of group
239     \catcode125=2 % }/end of group
240     \endlinechar=-1 %
241     \expandafter\ifx\csname ProvidesFile\endcsname\relax
242       \def\ProvidesFile##1[##2]{%
243         \immediate\write-1{File: ##1 ##2}%
244       }%
245     \fi
246     \SE@InputIfFileExists{se-#1.def}%
247   \endgroup
248 }

```

`\SE@InputIfFileExists`

```

249 \begingroup\expandafter\expandafter\expandafter\endgroup
250 \expandafter\ifx\csname IfFileExists\endcsname\relax
251   \begingroup\expandafter\expandafter\expandafter\endgroup
252   \expandafter\ifx\csname pdffilesize\endcsname\relax
253     \def\SE@InputIfFileExists#1{%
254       \expandafter\ifx\csname @inputcheck\endcsname\relax
255         \csname newread\endcsname\@inputcheck
256       \fi
257       \openin\@inputcheck#1\relax
258       \ifeof\@inputcheck
259         \SE@FileNotFound{#1}%
260       \else
261         \SE@Input{#1}%
262       \fi
263     }%
264   \else
265     \def\SE@InputIfFileExists#1{%
266       \expandafter\ifx\expandafter\\pdffilesize{#1}\\%
267         \SE@FileNotFound{#1}%
268       \else
269         \SE@Input{#1}%
270       \fi
271     }%
272   \fi
273 \else

```

```

274 \def\SE@InputIfFileExists#1{%
275   \IfFileExists{#1}{%
276     \SE@Input{#1}%
277   }{%
278     \SE@FileNotFound{#1}%
279   }%
280 }%
281 \fi

\SE@FileNotFound

282 \def\SE@FileNotFound#1{%
283   \@PackageWarning{stringenc}{%
284     Encoding file ‘#1’\MessageBreak
285     not found%
286   }%
287 }

\SE@Input

288 \def\SE@Input{%
289   \@ifnextchar\bgroup\@iinput\@@input
290 }
291 \ifx\input\SE@Input
292   \def\SE@Input#1{%
293     \input{#1}%
294   }%
295 \else
296   \def\SE@Input#1{%
297     \input#1\relax
298   }%
299 \fi

\ifSE@numexpr

300 \newif\ifSE@numexpr
301 \begingroup\expandafter\expandafter\expandafter\endgroup
302 \expandafter\ifx\csname numexpr\endcsname\relax
303 \else
304   \SE@numexprtrue
305 \fi

306 \ifSE@numexpr
307   \catcode36=9 % $ ignore
308   \catcode38=14 % & comment
309 \else
310   \catcode36=14 % $ comment
311   \catcode38=9 % & ignore
312 \fi

\SE@Nibble@NumToHex

313 \def\SE@Nibble@NumToHex#1{%
314   $ \ifcase\numexpr#1\relax
315   & \expandafter\ifcase\expandafter\SE@FirstOfOne\expandafter{\number#1} %
316     0\or 1\or 2\or 3\or 4\or 5\or 6\or 7\or
317     8\or 9\or A\or B\or C\or D\or E\or F%
318   \fi
319 }

\SE@Nibble@NumToBin

320 \def\SE@Nibble@NumToBin#1{%
321   $ \ifcase\numexpr#1\relax
322   & \expandafter
323   & \ifcase\expandafter\SE@FirstOfOne\expandafter{\number#1} %
324     0000\or

```

```

325     0001\or
326     0010\or
327     0011\or
328     0100\or
329     0101\or
330     0110\or
331     0111\or
332     1000\or
333     1001\or
334     1010\or
335     1011\or
336     1100\or
337     1101\or
338     1110\or
339     1111%
340 \fi
341 }

```

\SE@Nibbles@BinToHex

```

342 \def\SE@Nibbles@BinToHex#1{%
343   \expandafter\SE@@Nibbles@BinToHex#1\SE@Empty\SE@Empty
344                                     \SE@Empty\SE@Empty
345 }
346 \def\SE@@Nibbles@BinToHex#1#2#3#4{%
347   \ifx#1\SE@Empty
348   \else
349   $   \SE@Nibble@NumToHex{%
350   $   \numexpr#4+2*(#3+2*(#2+2*#1))\relax
351   $   }%
352   &   \ifnum#1>\SE@zero
353   &   \ifnum#2>\SE@zero
354   &   \ifnum#3>\SE@zero
355   &   \ifnum#4>\SE@zero
356   &   F%
357   &   \else
358   &   E%
359   &   \fi
360   &   \else
361   &   \ifnum#4>\SE@zero
362   &   D%
363   &   \else
364   &   C%
365   &   \fi
366   &   \fi
367   &   \else
368   &   \ifnum#3>\SE@zero
369   &   \ifnum#4>\SE@zero
370   &   B%
371   &   \else
372   &   A%
373   &   \fi
374   &   \else
375   &   \ifnum#4>\SE@zero
376   &   9%
377   &   \else
378   &   8%
379   &   \fi
380   &   \fi
381   &   \fi
382   &   \else
383   &   \ifnum#2>\SE@zero
384   &   \ifnum#3>\SE@zero
385   &   \ifnum#4>\SE@zero

```

```

386 &          7%
387 &          \else
388 &          6%
389 &          \fi
390 &          \else
391 &          \ifnum#4>\SE@zero
392 &          5%
393 &          \else
394 &          4%
395 &          \fi
396 &          \fi
397 &          \else
398 &          \ifnum#3>\SE@zero
399 &          \ifnum#4>\SE@zero
400 &          3%
401 &          \else
402 &          2%
403 &          \fi
404 &          \else
405 &          \ifnum#4>\SE@zero
406 &          1%
407 &          \else
408 &          0%
409 &          \fi
410 &          \fi
411 &          \fi
412 &          \fi
413 &          \expandafter\SE@@Nibbles@BinToHex
414 &          \fi
415 }

```

\SE@Add

```

416 \def\SE@Add#1#2#3{%
417 $ \edef#1{\the\numexpr(#2)+(#3)\relax}%
418 & \begingroup
419 & \count\SE@zero=#2\relax
420 & \advance\count\SE@zero by#3\relax
421 & \edef\x{\endgroup
422 & \def\noexpand#1{\the\count\SE@zero}}%
423 & }%
424 & \x
425 }

```

\SE@MapDeclare

```

426 \def\SE@MapDeclare#1#2#3{%
427 \SE@MapDeclareFrom{#1}{#2}{#3}%
428 \SE@MapDeclareTo{#1}{#2}{#3}%
429 }

```

\SE@MapDeclareFrom

```

430 \def\SE@MapDeclareFrom#1#2#3{%
431 \expandafter\gdef\csname SE->#1@#2\endcsname{#3}%
432 }

```

\SE@MapDeclareTo

```

433 \def\SE@MapDeclareTo#1#2#3{%
434 \expandafter\gdef\csname SE<-#1@#3\endcsname{#2}%
435 }

```

\SE@MapConvertFrom

```

436 \def\SE@MapConvertFrom#1#2{%

```

```

437 $ \ifcsname SE->#10#2\endcsname
438 $ \SE@ResultAdd{\csname SE->#10#2\endcsname}%
439 $ \else
440 $ \SE@InvalidCharacter
441 $ \ifSE@TestMode
442 $ \let\SE@next\SE@SkipRemaining
443 $ \fi
444 $ \fi
445 & \begingroup\expandafter\expandafter\expandafter\endgroup
446 & \expandafter\ifx\csname SE->#10#2\endcsname\relax
447 & \SE@InvalidCharacter
448 & \ifSE@TestMode
449 & \let\SE@next\SE@SkipRemaining
450 & \fi
451 & \else
452 & \SE@ResultAdd{\csname SE->#10#2\endcsname}%
453 & \fi
454 }

```

#### \SE@MapConvertTo

```

455 \def\SE@MapConvertTo#1#2{%
456 $ \ifcsname SE<#10#2\endcsname
457 $ \SE@ResultAdd{\csname SE<#10#2\endcsname}%
458 $ \else
459 $ \SE@InvalidCharacter
460 $ \fi
461 & \begingroup\expandafter\expandafter\expandafter\endgroup
462 & \expandafter\ifx\csname SE<#10#2\endcsname\relax
463 & \SE@InvalidCharacter
464 & \else
465 & \SE@ResultAdd{\csname SE<#10#2\endcsname}%
466 & \fi
467 }

```

#### \StringEncodingConvert

```

468 \defStringEncodingConvert#1#2#3#4{%
469 \PE@sanitize\SE@from{#3}%
470 \PE@sanitize\SE@to{#4}%
471 \expandafter\ifx\csname SE@alias@\SE@from\endcsname\relax
472 \else
473 \PE@sanitize\SE@from{\csname SE@alias@\SE@from\endcsname}%
474 \fi
475 \expandafter\ifx\csname SE@alias@\SE@to\endcsname\relax
476 \else
477 \PE@sanitize\SE@to{\csname SE@alias@\SE@to\endcsname}%
478 \fi
479 \ifx\SE@to\SE@utfxvi
480 \let\SE@to\SE@utfxvibe
481 \else
482 \ifx\SE@to\SE@utfxxii
483 \let\SE@to\SE@utfxxiibe
484 \fi
485 \fi
486 \SE@invalidfalse
487 \EdefEscapeHex\SE@result{#2}%
488 \ifx\SE@from\SE@utfxvi
489 \SE@CheckByteOrderTwo
490 \else
491 \ifx\SE@from\SE@utfxvibe
492 \SE@RemoveByteOrderTwo{FEFF}%
493 \else
494 \ifx\SE@from\SE@utfxvile

```

```

495         \SE@RemoveByteOrderTwo{FFFE}%
496     \else
497         \ifx\SE@from\SE@utfxxxii
498             \SE@CheckByteOrderFour
499         \else
500             \ifx\SE@from\SE@utfxxxiibe
501                 \SE@RemoveByteOrderFour{0}{FEFF}%
502             \else
503                 \ifx\SE@from\SE@utfxxxiile
504                     \SE@RemoveByteOrderFour{FFFE}{0}%
505                 \fi
506             \fi
507         \fi
508     \fi
509 \fi
510 \fi
511 \ifx\SE@from\SE@to
512 \else
513     \ifx\SE@from\SE@utfxvibe
514     \else
515         \expandafter\SE@ConvertFrom\expandafter\SE@result
516         \expandafter{\SE@result}\SE@from
517     \fi
518     \ifx\SE@to\SE@utfxvibe
519     \else
520         \expandafter\SE@ConvertTo\expandafter\SE@result
521         \expandafter{\SE@result}\SE@to
522     \fi
523 \fi
524 \EdefUnescapeHex#1\SE@result
525 }

```

\StringEncodingSuccessFailure

```

526 \def\StringEncodingSuccessFailure{%
527     \ifSE@invalid
528         \expandafter\SE@SecondOfTwo
529     \else
530         \expandafter\SE@FirstOfTwo
531     \fi
532 }

```

\StringEncodingConvertTest

```

533 \def\StringEncodingConvertTest#1#2#3#4{%
534     \SE@TestModetrue
535     \StringEncodingConvert{#1}{#2}{#3}{#4}%
536     \SE@TestModefalse
537     \StringEncodingSuccessFailure
538 }
539 \newif\ifSE@TestMode

```

\SE@utfxvi

```

540 \PE@sanitize\SE@utfxvi{utf16}

```

\SE@utfxvibe

```

541 \PE@sanitize\SE@utfxvibe{utf16be}

```

\SE@utfxvile

```

542 \PE@sanitize\SE@utfxvile{utf16le}

```

\SE@utfxxxii

```

543 \PE@sanitize\SE@utfxxxii{utf32}

```

\SE@utfxxxiibe

544 \PE@sanitize\SE@utfxxxiibe{utf32be}

\SE@utfxxxiile

545 \PE@sanitize\SE@utfxxxiile{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.

```
546 \def\SE@CheckByteOrderTwo{%
547   \expandafter\SE@@CheckByteOrderTwo\SE@result0000\@nil
548 }
549 \def\SE@@CheckByteOrderTwo#1#2#3#4#5\@nil{%
550   \ifnum"#1#2#3#4="FEFF %
551     \let\SE@from\SE@utfxvibe
552     \edef\SE@result{\expandafter\SE@GobbleFour\SE@result}%
553   \else
554     \ifnum"#3#4#1#2="FEFF %
555       \let\SE@from\SE@utfxvile
556       \edef\SE@result{\expandafter\SE@GobbleFour\SE@result}%
557     \else
558       \let\SE@from\SE@utfxvibe
559     \fi
560   \fi
561 }
```

\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.

```
562 \def\SE@CheckByteOrderFour{%
563   \expandafter\SE@@CheckByteOrderFour\SE@result00000000\@nil
564 }
565 \def\SE@@CheckByteOrderFour#1#2#3#4#5#6#7#8#9\@nil{%
566   \let\SE@from\SE@utfxxxiibe
567   \ifnum"#1#2#3#4=\SE@zero
568     \ifnum"#5#6#7#8="FEFF %
569       \edef\SE@result{\expandafter\SE@GobbleEight\SE@result}%
570     \fi
571   \else
572     \ifnum"#7#8#5#6=\SE@zero
573       \ifnum"#3#4#1#2="FEFF %
574         \let\SE@from\SE@utfxxxiile
575         \edef\SE@result{\expandafter\SE@GobbleEight\SE@result}%
576       \fi
577     \fi
578   \fi
579 }
```

\SE@RemoveByteOrderTwo

```
580 \def\SE@RemoveByteOrderTwo{%
581   \expandafter\SE@@RemoveByteOrderTwo\SE@result
582   \SE@Empty\SE@Empty\SE@Empty\SE@Empty\@nil
583 }
584 \def\SE@@RemoveByteOrderTwo#1#2#3#4#5\@nil#6{%
585   \ifnum"0#1#2#3#4="#6 %
586     \edef\SE@result{#5}%
587   \fi
588 }
```

\SE@RemoveByteOrderFour

```
589 \def\SE@RemoveByteOrderFour#1#2{%
590   \def\SE@a{"#1 }%
591   \def\SE@b{"#2 }%
592   \expandafter\SE@@RemoveByteOrderFour\SE@result
593     \SE@Empty\SE@Empty\SE@Empty\SE@Empty
594     \SE@Empty\SE@Empty\SE@Empty\SE@Empty
595     \@nil
596 }
597 \def\SE@@RemoveByteOrderFour#1#2#3#4#5#6#7#8#9\@nil{%
598   \ifnum"0#1#2#3#4=\SE@a
599     \ifnum"0#5#6#7#8=\SE@b
600       \edef\SE@result{#9}%
601       \fi
602     \fi
603 }
```

## 2.4 Encoding aliases

\SE@EncodingAlias

```
604 \def\SE@EncodingAlias#1#2{%
605   \expandafter\def\csname SE@alias@#1\endcsname{#2}%
606 }

607 \SE@EncodingAlias{ansinew}{cp1252}
608 \SE@EncodingAlias{applemac}{mac-roman}
609 \SE@EncodingAlias{cp437de}{cp437}
610 \SE@EncodingAlias{decmulti}{dec-mcs}
611 \SE@EncodingAlias{latin1}{iso-8859-1}
612 \SE@EncodingAlias{latin2}{iso-8859-2}
613 \SE@EncodingAlias{latin3}{iso-8859-3}
614 \SE@EncodingAlias{latin4}{iso-8859-4}
615 \SE@EncodingAlias{latin5}{iso-8859-9}
616 \SE@EncodingAlias{latin6}{iso-8859-10}
617 \SE@EncodingAlias{latin7}{iso-8859-13}
618 \SE@EncodingAlias{latin8}{iso-8859-14}
619 \SE@EncodingAlias{latin9}{iso-8859-15}
620 \SE@EncodingAlias{latin10}{iso-8859-16}
621 \SE@EncodingAlias{mac-ce}{mac-centeuro}
622 \SE@EncodingAlias{mac-ukrainian}{mac-cyrillic}
623 \SE@EncodingAlias{macce}{mac-centeuro}
624 \SE@EncodingAlias{maccyr}{mac-cyrillic}
625 \SE@EncodingAlias{macukr}{mac-cyrillic}
626 \SE@EncodingAlias{next}{nextstep}
627 \SE@EncodingAlias{us-ascii}{ascii}
628 \SE@EncodingAlias{utf-8}{utf8}
629 \SE@EncodingAlias{utf-16}{utf16}
630 \SE@EncodingAlias{utf-16be}{utf16be}
631 \SE@EncodingAlias{utf-16le}{utf16le}
632 \SE@EncodingAlias{utf-32}{utf32}
633 \SE@EncodingAlias{utf-32be}{utf32be}
634 \SE@EncodingAlias{utf-32le}{utf32le}
```

All encodings of package inputenx are supported.

```
635 \def\SE@temp#1{%
636   \SE@EncodingAlias{x-#1}{#1}%
637 }
638 \SE@temp{ascii}
639 \SE@temp{cp437}
640 \SE@temp{cp850}
641 \SE@temp{cp852}
642 \SE@temp{cp855}
```

```

643 \SE@temp{cp858}
644 \SE@temp{cp865}
645 \SE@temp{cp866}
646 \SE@temp{cp1250}
647 \SE@temp{cp1251}
648 \SE@temp{cp1252}
649 \SE@temp{cp1257}
650 \SE@temp{dec-mcs}
651 \SE@temp{koi8-r}
652 \SE@temp{iso-8859-1}
653 \SE@temp{iso-8859-2}
654 \SE@temp{iso-8859-3}
655 \SE@temp{iso-8859-4}
656 \SE@temp{iso-8859-5}
657 \SE@temp{iso-8859-6}
658 \SE@temp{iso-8859-7}
659 \SE@temp{iso-8859-8}
660 \SE@temp{iso-8859-9}
661 \SE@temp{iso-8859-10}
662 \SE@temp{iso-8859-11}
663 \SE@temp{iso-8859-13}
664 \SE@temp{iso-8859-14}
665 \SE@temp{iso-8859-15}
666 \SE@temp{iso-8859-16}
667 \SE@temp{mac-centeuro}
668 \SE@temp{mac-cyrillic}
669 \SE@temp{mac-roman}
670 \SE@temp{nextstep}

```

\SE@EncodingFileList

```

671 \def\SE@EncodingFileList{%
672   ascii,%
673   cp437,%
674   cp850,%
675   cp852,%
676   cp855,%
677   cp858,%
678   cp865,%
679   cp866,%
680   cp1250,%
681   cp1251,%
682   cp1252,%
683   cp1257,%
684   dec-mcs,%
685   iso-8859-1,%
686   iso-8859-2,%
687   iso-8859-3,%
688   iso-8859-4,%
689   iso-8859-5,%
690   iso-8859-6,%
691   iso-8859-7,%
692   iso-8859-8,%
693   iso-8859-9,%
694   iso-8859-10,%
695   iso-8859-11,%
696   iso-8859-13,%
697   iso-8859-14,%
698   iso-8859-15,%
699   iso-8859-16,%
700   koi8-r,%
701   mac-centeuro,%
702   mac-cyrillic,%
703   mac-roman,%

```

```

704  nextstep,%
705  pdfdoc,%
706  utf8,%
707  utf16le,%
708  utf32be,%
709  utf32le%
710 }

711 </package>

```

## 2.5 Encoding files

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

```

712 <*utf32>
713 <utf32be>\ProvidesFile{se-utf32be.def}[2007/06/16 v1.1 stringenc: UTF-32BE]
714 <utf32le>\ProvidesFile{se-utf32le.def}[2007/06/16 v1.1 stringenc: UTF-32LE]

715 <utf32be>\expandafter\gdef\csname\SE@PrefixTo utf32be\endcsname#1#2#3#4{%
716 <utf32be> \SE@ResultAdd{0000#1#2#3#4}%
717 <utf32le>\expandafter\gdef\csname\SE@PrefixTo utf32le\endcsname#1#2#3#4{%
718 <utf32le> \SE@ResultAdd{#3#4#1#20000}%
719 }

```

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

```

720 <utf32be>\expandafter\gdef\csname\SE@PrefixSurrogateTo utf32be\endcsname
721 <utf32le>\expandafter\gdef\csname\SE@PrefixSurrogateTo utf32le\endcsname
722 #1#2#3#4#5#6#7#8{%
723 \edef\SE@w{\SE@Nibble@NumToBin{"#2}}%
724 \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
725 \edef\SE@c{\SE@Nibble@NumToBin{"#6}}%
726 \edef\SE@w{%
727 \expandafter\SE@GobbleTwo\SE@w
728 \expandafter\SE@CarTwo\SE@a\@nil
729 }%
730 \edef\SE@w{%
731 \SE@Nibbles@BinToHex\SE@w
732 }%
733 \SE@Add\SE@w{\expandafter"\SE@w}\SE@one
734 \edef\SE@a{%
735 \expandafter\SE@GobbleTwo\SE@a
736 \SE@Nibble@NumToBin{"#4}%
737 \expandafter\SE@GobbleTwo\SE@c
738 }%
739 <utf32be> \SE@ResultAdd{%
740 <utf32le> \SE@utfxxxii@le@add{%
741 00%
742 \ifnum\SE@w>15 %
743 10%
744 \else
745 0%
746 \SE@Nibble@NumToHex\SE@w
747 \fi
748 \SE@Nibbles@BinToHex\SE@a
749 #7#8%
750 }%
751 }

752 <*utf32le>
753 \gdef\SE@utfxxxii@le@add#1{%
754 \edef\SE@temp{#1}%
755 \SE@ResultAdd{%
756 \expandafter\SE@utfxxxii@le@switch\SE@temp

```

```

757 }%
758 }
759 \gdef\SE@utfxxxii@le@switch#1#2#3#4#5#6#7#8{%
760 #7#8#5#6#3#4#1#2%
761 }
762 </utf32le>
763 <*utf32be>
764 \expandafter\gdef\csname\SE@PrefixFrom utf32be\endcsname#1{%
765 \expandafter\SE@utfxxxii@be@from#1\relax\relax\relax\relax
766 \relax\relax\relax\relax
767 }
768 \gdef\SE@utfxxxii@be@from#1#2#3#4#5#6#7#8{%
769 \ifx#1\relax
770 \let\SE@next\relax
771 \else
772 \ifx#8\relax
773 \let\SE@next\relax
774 \SE@InvalidCharacter
775 \else
776 \let\SE@next\SE@utfxxxii@be@from
777 \SE@utfxxxii@from#1#2#3#4#5#6#7#8%
778 \fi
779 \fi
780 \SE@next
781 }
782 </utf32be>
783 <*utf32le>
784 \expandafter\gdef\csname\SE@PrefixFrom utf32le\endcsname#1{%
785 \expandafter\SE@utfxxxii@le@from#1\relax\relax\relax\relax
786 \relax\relax\relax\relax
787 }
788 \gdef\SE@utfxxxii@le@from#1#2#3#4#5#6#7#8{%
789 \ifx#1\relax
790 \let\SE@next\relax
791 \else
792 \ifx#8\relax
793 \let\SE@next\relax
794 \SE@InvalidCharacter
795 \else
796 \let\SE@next\SE@utfxxxii@le@from
797 \SE@utfxxxii@from#7#8#5#6#3#4#1#2%
798 \fi
799 \fi
800 \SE@next
801 }
802 </utf32le>
803 \gdef\SE@utfxxxii@from#1#2#3#4#5#6#7#8{%
804 \ifcase\ifnum"#1#2>\z@
805 \SE@zero
806 \else
807 \ifnum"#3#4#5#6#7#8>"10FFFF %
808 \SE@zero
809 \else
810 \ifnum"#3#4#5#6#7#8<"D800 %
811 \SE@one
812 \else
813 \ifnum"#3#4#5#6#7#8>"DFFF %
814 \SE@one
815 \else
816 \SE@zero
817 \fi
818 \fi

```

```

819         \fi
820     \fi
821     \SE@InvalidCharacter
822     \ifSE@TestMode
823         \let\SE@next\SE@SkipRemaining
824     \fi
825 \else
826     \ifcase"#3#4 %
827         \SE@ResultAdd{#5#6#7#8}%
828     \else
829         \edef\SE@low{\SE@Nibble@NumToBin{"#6}}%
830         \SE@Add\SE@high{"#3#4"}{-1}%
831         \edef\SE@high{%
832             10\SE@Nibble@NumToBin\SE@high
833             \SE@Nibble@NumToBin{"#5}%
834             \expandafter\SE@CarTwo\SE@low\@nil
835         }%
836         \edef\SE@low{%
837             11\expandafter\SE@GobbleTwo\SE@low
838         }%
839         \SE@ResultAdd{%
840             D\SE@Nibbles@BinToHex\SE@high
841             D\SE@Nibbles@BinToHex\SE@low
842             #7#8%
843         }%
844     \fi
845 \fi
846 }
847 </utf32>

```

### 2.5.2 UTF-8

```

848 <*utf8>
849 \ProvidesFile{se-utf8.def}[2007/06/16 v1.1 stringenc: UTF-8]
1 Byte: 0000 0000 0xxx xxxx -> 0xxx xxxx
2 Bytes: 0000 0yyy yyxx xxxx -> 110y yyyy 10xx xxxx
3 Bytes: zzzz yyyy yyxx xxxx -> 1110 zzzz 10yy yyyy 10xx xxxx
850 \expandafter\gdef\csname\SE@PrefixTo utf8\endcsname#1#2#3#4{%
851     \ifnum"#1#2#3#4<"80 %
852         \SE@ResultAdd{#3#4}%
853     \else
854         \ifnum"#1#2#3#4<"800 %
855             \edef\SE@temp{%
856                 \SE@Nibble@NumToBin{"#3}%
857             }%
858             \edef\SE@temp{%
859                 11%
860                 \SE@Nibble@NumToBin{"#2}%
861                 \expandafter\SE@CarTwo\SE@temp\@nil
862                 10%
863                 \expandafter\SE@GobbleTwo\SE@temp
864             }%
865             \SE@ResultAdd{%
866                 \SE@Nibbles@BinToHex\SE@temp
867                 #4%
868             }%
869         \else
870             \edef\SE@temp{%
871                 \SE@Nibble@NumToBin{"#3}%
872             }%
873             \edef\SE@temp{%
874                 10%
875                 \SE@Nibble@NumToBin{"#2}%

```

```

876         \expandafter\SE@CarTwo\SE@temp\@nil
877         10%
878         \expandafter\SE@GobbleTwo\SE@temp
879     }%
880     \SE@ResultAdd{%
881         E#1%
882         \SE@Nibbles@BinToHex\SE@temp
883         #4%
884     }%
885     \fi
886 \fi
887 }

UTF-16: #1:1101 #2:11ww #3:wwzz #4:zzyy #5:1101 #6:11yy #7:yyxx #8:xxxx
UTF-32: 0000 0000 000u uuuu zzzz yyyy yyxx xxxx
UTF-8: 1111 0uuu 10uu zzzz 10yy yyyy 10xx xxxx www = uuuuu - 1
888 \expandafter\gdef\csname\SE@PrefixSurrogateTo utf8\endcsname
889     #1#2#3#4#5#6#7#8{%
890     \edef\SE@w{\SE@Nibble@NumToBin{"#2}}%
891     \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
892     \edef\SE@b{\SE@Nibble@NumToBin{"#4}}%
893     \edef\SE@c{\SE@Nibble@NumToBin{"#6}}%
894     \edef\SE@d{\SE@Nibble@NumToBin{"#7}}%
895     \edef\SE@w{%
896         \expandafter\SE@GobbleTwo\SE@w
897         \expandafter\SE@CarTwo\SE@a\@nil
898     }%
899     \edef\SE@w{%
900         \SE@Nibbles@BinToHex\SE@w
901     }%
902     \SE@Add\SE@w{\expandafter"\SE@w}\SE@one
903     \ifnum\SE@w>15 %
904         \def\SE@char{1}%
905         \SE@Add\SE@w\SE@w{-16}%
906     \else
907         \def\SE@char{0}%
908     \fi
909     \edef\SE@w{\SE@Nibble@NumToBin\SE@w}%
910     \edef\SE@temp{%
911         0\SE@char
912         \expandafter\SE@CarTwo\SE@w\@nil
913         10%
914         \expandafter\SE@GobbleTwo\SE@w
915         \expandafter\SE@GobbleTwo\SE@a
916         \expandafter\SE@CarTwo\SE@b\@nil
917         10%
918         \expandafter\SE@GobbleTwo\SE@b
919         \expandafter\SE@GobbleTwo\SE@c
920         \expandafter\SE@CarTwo\SE@d\@nil
921         10%
922         \expandafter\SE@GobbleTwo\SE@d
923     }%
924     \SE@ResultAdd{%
925         F%
926         \SE@Nibbles@BinToHex\SE@temp
927         #8%
928     }%
929 }

930 \expandafter\gdef\csname\SE@PrefixFrom utf8\endcsname#1{%
931     \let\SE@temp\SE@Empty
932     \let\SE@next\SE@utfviii@filter
933     \expandafter\SE@utfviii@filter#1\relax\relax
934     \ifcase\ifSE@TestMode

```

```

935         \ifSE@invalid
936         \SE@one
937     \else
938         \SE@zero
939     \fi
940 \else
941     \SE@zero
942 \fi
943 \expandafter\SE@utfviii@from\SE@temp\relax\relax\relax\relax
944 \relax\relax\relax\relax
945 \fi
946 }

```

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

```

947 \gdef\SE@utfviii@filter#1#2{%
948     \ifx#1\relax
949         \let\SE@next\relax
950     \else
951         \ifcase\ifnum"#1#2>"F4 %
952             \SE@zero
953         \else
954             \ifnum"#1#2="C0 %
955                 \SE@zero
956             \else
957                 \ifnum"#1#2="C1 %
958                     \SE@zero
959                 \else
960                     \SE@one
961                 \fi
962             \fi
963         \fi
964         \SE@InvalidCharacter
965         \ifSE@TestMode
966             \let\SE@next\SE@SkipRemaining
967         \fi
968     \else
969         \edef\SE@temp{\SE@temp#1#2}%
970     \fi
971 \fi
972 \SE@next
973 }
974 \gdef\SE@utfviii@from#1#2#3#4#5#6#7#8{%
975     \ifx#1\relax
976         \let\SE@next\relax
977     \else
978         \ifnum"#1<8 % 0xxx xxxx
979             \SE@ResultAdd{00#1#2}%
980         \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
981     \else
982         \ifnum"#1<12 % 10xx xxxx
983             \SE@InvalidCharacter
984             \ifSE@TestMode
985                 \let\SE@next\SE@SkipRemaining
986             \else
987                 \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
988             \fi
989         \else
990             \ifx#3\relax
991                 \let\SE@next\relax
992             \SE@InvalidCharacter
993         \else
994             \ifcase\SE@utfviii@CheckCont#3%
995                 \SE@InvalidCharacter

```

```

996         \ifSE@TestMode
997         \let\SE@next\SE@SkipRemaining
998     \else
999         \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1000     \fi
1001 \else
1002     \ifnum"#1<14 % 110y yyyy 10xx xxxx
1003         % 0000 0yyy yyxx xxxx
1004         \edef\SE@temp{%
1005             \SE@Nibble@NumToBin{"#3}%
1006         }%
1007         \edef\SE@temp{%
1008             0\ifodd"#1 1\else 0\fi
1009             \SE@Nibble@NumToBin{"#2}%
1010             \expandafter\SE@GobbleTwo\SE@temp
1011         }%
1012         \SE@ResultAdd{%
1013             0%
1014             \SE@Nibbles@BinToHex\SE@temp
1015             #4%
1016         }%
1017         \def\SE@next{\SE@utfviii@from#5#6#7#8}%
1018 \else
1019     \ifx#5\relax
1020         \let\SE@next\relax
1021         \SE@InvalidCharacter
1022     \else
1023         \ifcase\SE@utfviii@CheckCont#5%
1024             \SE@InvalidCharacter
1025             \ifSE@TestMode
1026                 \let\SE@next\SE@SkipRemaining
1027             \else
1028                 \def\SE@next{\SE@utfviii@from#5#6#7#8}%
1029             \fi
1030         \else
1031             \ifnum"#1=14 % 1110 zzzz 10yy yyyy 10xx xxxx
1032                 % zzzz yyyy yyxx xxxx
1033             \ifcase\ifnum"#2="D %
1034                 \ifnum"#3#4>"9F %
1035                     \SE@zero
1036                 \else
1037                     \SE@one
1038                 \fi
1039             \else
1040                 \ifnum"#2=\SE@zero
1041                     \ifnum"#3<"A %
1042                         \SE@zero
1043                     \else
1044                         \SE@one
1045                     \fi
1046                 \else
1047                     \SE@one
1048                 \fi
1049             \fi
1050             \SE@InvalidCharacter
1051             \ifSE@TestMode
1052                 \let\SE@next\SE@SkipRemaining
1053             \else
1054                 \def\SE@next{\SE@utfviii@from#7#8}%
1055             \fi
1056         \else
1057             \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%

```

```

1058 \edef\SE@b{\SE@Nibble@NumToBin{"#5}}%
1059 \edef\SE@temp{%
1060 \expandafter\SE@GobbleTwo\SE@a
1061 \SE@Nibble@NumToBin{"#4}%
1062 \expandafter\SE@GobbleTwo\SE@b
1063 }%
1064 \SE@ResultAdd{%
1065 #2%
1066 \SE@Nibbles@BinToHex\SE@temp
1067 #6%
1068 }%
1069 \def\SE@next{\SE@utfviii@from#7#8}%
1070 \fi
1071 \else
1072 \ifx#7\relax
1073 \let\SE@next\relax
1074 \SE@InvalidCharacter
1075 \else
1076 \ifcase\SE@utfviii@CheckCont#7%
1077 \SE@InvalidCharacter
1078 \ifSE@TestMode
1079 \let\SE@next\SE@SkipRemaining
1080 \else
1081 \def\SE@next{\SE@utfviii@from#7#8}%
1082 \fi
1083 \else
1084 \let\SE@next\SE@utfviii@from
1085 \ifnum"#2<8 % 1111 0uuu 10uu zzzz 10yy yyyy 10xx xxxx
1086 % 1101 10ww wwzz zzyy 1101 11yy yyxx xxxx
1087 \edef\SE@w{\SE@Nibble@NumToBin{"#3}}%
1088 \edef\SE@w{%
1089 00%
1090 \SE@Nibble@NumToBin{"#2}%
1091 \expandafter\SE@GobbleTwo\SE@w
1092 }%
1093 \edef\SE@w{\SE@Nibbles@BinToHex\SE@w}%
1094 \SE@Add\SE@w{\expandafter"\SE@w}{-1}%
1095 \ifnum\SE@w>15 %
1096 \SE@InvalidCharacter
1097 \ifSE@TestMode
1098 \let\SE@next\SE@SkipRemaining
1099 \fi
1100 \else
1101 \ifnum\SE@w<\SE@zero
1102 \SE@InvalidCharacter
1103 \ifSE@TestMode
1104 \let\SE@next\SE@SkipRemaining
1105 \fi
1106 \else
1107 \edef\SE@a{\SE@Nibble@NumToBin{"#5}}%
1108 \edef\SE@b{\SE@Nibble@NumToBin{"#7}}%
1109 \edef\SE@temp{%
1110 10%
1111 \SE@Nibble@NumToBin\SE@w
1112 \SE@Nibble@NumToBin{"#4}%
1113 \expandafter\SE@GobbleTwo\SE@a
1114 1101%
1115 11%
1116 \SE@Nibble@NumToBin{"#6}%
1117 \expandafter\SE@GobbleTwo\SE@b
1118 }%
1119 \SE@ResultAdd{%

```

```

1120                                     D%
1121                                     \SE@Nibbles@BinToHex\SE@temp
1122                                     #8%
1123                                     }%
1124                                     \fi
1125                                     \fi
1126                                     \else
1127                                     \SE@InvalidCharacter
1128                                     \if\SE@TestMode
1129                                     \let\SE@next\SE@SkipRemaining
1130                                     \fi
1131                                     \fi
1132                                     \fi
1133                                     \fi
1134                                     \fi
1135                                     \fi
1136                                     \fi
1137                                     \fi
1138                                     \fi
1139                                     \fi
1140                                     \fi
1141                                     \fi
1142                                     \fi
1143                                     \SE@next
1144 }
1145 \gdef\SE@utfviii@CheckCont#1{%
1146   \ifnum"#1<8 %
1147     \SE@zero
1148   \else
1149     \ifnum"#1<12 %
1150       \SE@one
1151     \else
1152       \SE@zero
1153     \fi
1154   \fi
1155 }
1156 </utf8>

```

### 2.5.3 UTF-16LE

```

1157 <*utf16le>
1158 \ProvidesFile{se-utf16le.def}[2007/06/16 v1.1 stringenc: UTF-16LE]
1159 \expandafter\gdef\csname\SE@PrefixTo utf16le\endcsname#1#2#3#4{%
1160   \SE@ResultAdd{#3#4#1#2}%
1161 }
1162 \expandafter\gdef\csname\SE@PrefixSurrogateTo utf16le\endcsname
1163   #1#2#3#4#5#6#7#8{%
1164   \SE@ResultAdd{#3#4#1#2#7#8#5#6}%
1165 }
1166 \expandafter\gdef\csname\SE@PrefixFrom utf16le\endcsname#1{%
1167   \expandafter\SE@utfxvile@from#1\relax\relax\relax\relax
1168 }
1169 \gdef\SE@utfxvile@from#1#2#3#4{%
1170   \ifx#1\relax
1171   \else
1172     \ifx#4\relax
1173       \SE@InvalidCharacter
1174     \else
1175       \SE@ResultAdd{#3#4#1#2}%
1176     \fi
1177   \expandafter\SE@utfxvile@from
1178   \fi

```

```
1179 }
1180 </utf16le>
```

## 2.5.4 PDFDocEncoding

```
1181 <*pdfdoc>
1182 \ProvidesFile{se-pdfdoc.def}[2007/06/16 v1.1 stringenc: PDFDocEncoding]
```

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

```
1183 \expandafter\gdef\csname\SE@PrefixTo pdfdoc\endcsname#1#2#3#4{%
1184   \ifcase\ifnum"#1#2#3#4<256 %
1185     \ifnum"#1#2#3#4>160 %
1186       \SE@zero
1187     \else
1188       \ifnum"#1#2#3#4<127 %
1189         \ifnum"#1#2#3#4>31 %
1190           \SE@zero
1191         \else
1192           \SE@one
1193         \fi
1194       \else
1195         \SE@one
1196       \fi
1197     \fi
1198   \else
1199     \SE@one
1200   \fi
1201   \SE@ResultAdd{#3#4}%
1202 \else
1203   \SE@MapConvertTo{pdfdoc}{#1#2#3#4}%
1204 \fi
1205 }

1206 \expandafter\gdef\csname\SE@PrefixSurrogateTo pdfdoc\endcsname
1207   #1#2#3#4#5#6#7#8{%
1208   \SE@InvalidCharacter
1209 }

1210 \expandafter\gdef\csname\SE@PrefixFrom pdfdoc\endcsname#1{%
1211   \let\SE@next\SE@pdfdoc@from
1212   \expandafter\SE@pdfdoc@from#1\relax\relax
1213 }

1214 \gdef\SE@pdfdoc@from#1#2{%
1215   \ifx#1\relax
1216     \let\SE@next\relax
1217   \else
1218     \ifcase\ifnum"#1#2>160 %
1219       \ifnum"#1#2="AD %
1220         2 %
1221       \else
1222         \SE@zero
1223       \fi
1224     \else
1225       \ifnum"#1#2<127 %
1226         \ifnum"#1#2>31 %
1227           \SE@zero
1228         \else
1229           \SE@one
1230         \fi
1231       \else
1232         \SE@one
1233       \fi
1234     \fi
1235     \SE@ResultAdd{00#1#2}%
```

```

1236     \or
1237     \SE@MapConvertFrom{pdfdoc}{#1#2}%
1238     \else
1239     \SE@InvalidCharacter
1240     \ifSE@TestMode
1241     \let\SE@next\SE@SkipRemaining
1242     \fi
1243     \fi
1244 \fi
1245 \SE@next
1246 }

```

```

1247 \SE@MapDeclare{pdfdoc}{09}{0009}
1248 \SE@MapDeclare{pdfdoc}{0A}{000A}
1249 \SE@MapDeclare{pdfdoc}{0D}{000D}
1250 \SE@MapDeclare{pdfdoc}{18}{02D8}
1251 \SE@MapDeclare{pdfdoc}{19}{02C7}
1252 \SE@MapDeclare{pdfdoc}{1A}{02C6}
1253 \SE@MapDeclare{pdfdoc}{1B}{02D9}
1254 \SE@MapDeclare{pdfdoc}{1C}{02DD}
1255 \SE@MapDeclare{pdfdoc}{1D}{02DB}
1256 \SE@MapDeclare{pdfdoc}{1E}{02DA}
1257 \SE@MapDeclare{pdfdoc}{1F}{02DC}
1258 \SE@MapDeclare{pdfdoc}{80}{2022}
1259 \SE@MapDeclare{pdfdoc}{81}{2020}
1260 \SE@MapDeclare{pdfdoc}{82}{2021}
1261 \SE@MapDeclare{pdfdoc}{83}{2026}
1262 \SE@MapDeclare{pdfdoc}{84}{2014}
1263 \SE@MapDeclare{pdfdoc}{85}{2013}
1264 \SE@MapDeclare{pdfdoc}{86}{0192}
1265 \SE@MapDeclare{pdfdoc}{87}{2044}
1266 \SE@MapDeclare{pdfdoc}{88}{2039}
1267 \SE@MapDeclare{pdfdoc}{89}{203A}
1268 \SE@MapDeclare{pdfdoc}{8A}{2212}
1269 \SE@MapDeclare{pdfdoc}{8B}{2030}
1270 \SE@MapDeclare{pdfdoc}{8C}{201E}
1271 \SE@MapDeclare{pdfdoc}{8D}{201C}
1272 \SE@MapDeclare{pdfdoc}{8E}{201D}
1273 \SE@MapDeclare{pdfdoc}{8F}{2018}
1274 \SE@MapDeclare{pdfdoc}{90}{2019}
1275 \SE@MapDeclare{pdfdoc}{91}{201A}
1276 \SE@MapDeclare{pdfdoc}{92}{2122}
1277 \SE@MapDeclare{pdfdoc}{93}{FB01}
1278 \SE@MapDeclare{pdfdoc}{94}{FB02}
1279 \SE@MapDeclare{pdfdoc}{95}{0141}
1280 \SE@MapDeclare{pdfdoc}{96}{0152}
1281 \SE@MapDeclare{pdfdoc}{97}{0160}
1282 \SE@MapDeclare{pdfdoc}{98}{0178}
1283 \SE@MapDeclare{pdfdoc}{99}{017D}
1284 \SE@MapDeclare{pdfdoc}{9A}{0131}
1285 \SE@MapDeclare{pdfdoc}{9B}{0142}
1286 \SE@MapDeclare{pdfdoc}{9C}{0153}
1287 \SE@MapDeclare{pdfdoc}{9D}{0161}
1288 \SE@MapDeclare{pdfdoc}{9E}{017E}
1289 \SE@MapDeclare{pdfdoc}{A0}{20AC}
1290 </pdfdoc>

```

### 2.5.5 ISO-8859-1

```

1291 <*iso - 8859 - 1>
1292 \ProvidesFile{se-iso-8859-1.def}[2007/06/16 v1.1 stringenc: ISO-8859-1]

    Excluded area: 0x80..0x9F
1293 \expandafter\gdef\csname\SE@PrefixTo iso-8859-1\endcsname#1#2#3#4{%

```

```

1294 \ifcase\ifnum"#1#2=\SE@zero
1295         \ifnum"#3#4<"80 %
1296         \SE@one
1297     \else
1298         \ifnum"#3#4>"9F %
1299         \SE@one
1300     \else
1301         \SE@zero
1302     \fi
1303 \fi
1304 \else
1305     \SE@zero
1306 \fi
1307 \SE@InvalidCharacter
1308 \else
1309     \SE@ResultAdd{#3#4}%
1310 \fi
1311 }

1312 \expandafter\gdef\csname\SE@PrefixSurrogateTo iso-8859-1\endcsname
1313     #1#2#3#4#5#6#7#8{%
1314 \SE@InvalidCharacter
1315 }

1316 \expandafter\gdef\csname\SE@PrefixFrom iso-8859-1\endcsname#1{%
1317 \let\SE@next\SE@isoone@from
1318 \expandafter\SE@isoone@from#1\relax\relax
1319 }

1320 \gdef\SE@isoone@from#1#2{%
1321 \ifx#1\relax
1322     \let\SE@next\relax
1323 \else
1324     \ifcase\ifnum"#1#2<"80 %
1325         \SE@one
1326     \else
1327         \ifnum"#1#2>"9F %
1328         \SE@one
1329     \else
1330         \SE@zero
1331     \fi
1332 \fi
1333 \SE@InvalidCharacter
1334 \ifSE@TestMode
1335     \let\SE@next\SE@SkipRemaining
1336 \fi
1337 \else
1338     \SE@ResultAdd{00#1#2}%
1339 \fi
1340 \fi
1341 \SE@next
1342 }

1343 </iso - 8859 - 1>

```

## 2.5.6 CP1252

```

1344 <*cp1252>
1345 \ProvidesFile{se-cp1252.def}[2007/06/16 v1.1 stringenc: cp1252]

1346 \expandafter\gdef\csname\SE@PrefixTo cp1252\endcsname#1#2#3#4{%
1347 \ifcase\ifnum"#1#2=\SE@zero
1348         \ifnum"#3#4<"80 %
1349         \SE@one
1350     \else
1351         \ifnum"#3#4>"9F %
1352         \SE@one

```

```

1353         \else
1354         \SE@zero
1355         \fi
1356     \fi
1357     \else
1358     \SE@zero
1359     \fi
1360     \SE@MapConvertTo{cp1252}{#1#2#3#4}%
1361 \else
1362     \SE@ResultAdd{#3#4}%
1363 \fi
1364 }

1365 \expandafter\gdef\csname\SE@PrefixSurrogateTo cp1252\endcsname
1366     #1#2#3#4#5#6#7#8{%
1367     \SE@InvalidCharacter
1368 }

1369 \expandafter\gdef\csname\SE@PrefixFrom cp1252\endcsname#1{%
1370     \let\SE@next\SE@ansinew@from
1371     \expandafter\SE@ansinew@from#1\relax\relax
1372 }
1373 \gdef\SE@ansinew@from#1#2{%
1374     \ifx#1\relax
1375         \let\SE@next\relax
1376     \else
1377         \ifcase\ifnum"#1#2"<"80 %
1378             \SE@one
1379         \else
1380             \ifnum"#1#2">"9F %
1381                 \SE@one
1382             \else
1383                 \SE@zero
1384             \fi
1385         \fi
1386         \SE@MapConvertFrom{cp1252}{#1#2}%
1387     \else
1388         \SE@ResultAdd{00#1#2}%
1389     \fi
1390 \fi
1391 \SE@next
1392 }

1393 \SE@MapDeclare{cp1252}{80}{20AC}% EURO SIGN
1394 \SE@MapDeclare{cp1252}{82}{201A}% SINGLE LOW-9 QUOTATION MARK
1395 \SE@MapDeclare{cp1252}{83}{0192}% LATIN SMALL LETTER F WITH HOOK
1396 \SE@MapDeclare{cp1252}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK
1397 \SE@MapDeclare{cp1252}{85}{2026}% HORIZONTAL ELLIPSIS
1398 \SE@MapDeclare{cp1252}{86}{2020}% DAGGER
1399 \SE@MapDeclare{cp1252}{87}{2021}% DOUBLE DAGGER
1400 \SE@MapDeclare{cp1252}{88}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT
1401 \SE@MapDeclare{cp1252}{89}{2030}% PER MILLE SIGN
1402 \SE@MapDeclare{cp1252}{8A}{0160}% LATIN CAPITAL LETTER S WITH CARON
1403 \SE@MapDeclare{cp1252}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK
1404 \SE@MapDeclare{cp1252}{8C}{0152}% LATIN CAPITAL LIGATURE OE
1405 \SE@MapDeclare{cp1252}{8E}{017D}% LATIN CAPITAL LETTER Z WITH CARON
1406 \SE@MapDeclare{cp1252}{91}{2018}% LEFT SINGLE QUOTATION MARK
1407 \SE@MapDeclare{cp1252}{92}{2019}% RIGHT SINGLE QUOTATION MARK
1408 \SE@MapDeclare{cp1252}{93}{201C}% LEFT DOUBLE QUOTATION MARK
1409 \SE@MapDeclare{cp1252}{94}{201D}% RIGHT DOUBLE QUOTATION MARK
1410 \SE@MapDeclare{cp1252}{95}{2022}% BULLET
1411 \SE@MapDeclare{cp1252}{96}{2013}% EN DASH
1412 \SE@MapDeclare{cp1252}{97}{2014}% EM DASH
1413 \SE@MapDeclare{cp1252}{98}{02DC}% SMALL TILDE
1414 \SE@MapDeclare{cp1252}{99}{2122}% TRADE MARK SIGN
1415 \SE@MapDeclare{cp1252}{9A}{0161}% LATIN SMALL LETTER S WITH CARON
1416 \SE@MapDeclare{cp1252}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
1417 \SE@MapDeclare{cp1252}{9C}{0153}% LATIN SMALL LIGATURE OE
1418 \SE@MapDeclare{cp1252}{9E}{017E}% LATIN SMALL LETTER Z WITH CARON
1419 \SE@MapDeclare{cp1252}{9F}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS

1420 </cp1252>

```

### 2.5.7 US-ASCII

```
1421 ⟨*ascii⟩
1422 \ProvidesFile{se-ascii.def}[2007/06/16 v1.1 stringenc: US-ASCII]

1423 \expandafter\gdef\csname\SE@PrefixTo ascii\endcsname#1#2#3#4{%
1424   \ifnum"#1#2#3<8 %
1425     \SE@ResultAdd{#3#4}%
1426   \else
1427     \SE@InvalidCharacter
1428   \fi
1429 }

1430 \expandafter\gdef\csname\SE@PrefixSurrogateTo ascii\endcsname
1431   #1#2#3#4#5#6#7#8{%
1432   \SE@InvalidCharacter
1433 }

1434 \expandafter\gdef\csname\SE@PrefixFrom ascii\endcsname#1{%
1435   \let\SE@next\SE@ascii@from
1436   \expandafter\SE@ascii@from#1\relax\relax
1437 }

1438 \gdef\SE@ascii@from#1#2{%
1439   \ifx#1\relax
1440     \let\SE@next\relax
1441   \else
1442     \ifnum"#1>7 %
1443       \SE@InvalidCharacter
1444       \ifSE@TestMode
1445         \let\SE@next\SE@SkipRemaining
1446       \fi
1447     \else
1448       \SE@ResultAdd{00#1#2}%
1449     \fi
1450   \fi
1451   \SE@next
1452 }

1453 ⟨/ascii⟩
```

### 2.5.8 Other encodings (8 bit)

```
1454 ⟨*iso - 8859 - 2⟩
1455 \ProvidesFile{se-iso-8859-2.def}[2007/06/16 v1.1 stringenc: ISO-8859-2]
1456 \def\SE@this{iso-8859-2}
1457 ⟨/iso - 8859 - 2⟩
1458 ⟨*iso - 8859 - 3⟩
1459 \ProvidesFile{se-iso-8859-3.def}[2007/06/16 v1.1 stringenc: ISO-8859-3]
1460 \def\SE@this{iso-8859-3}
1461 ⟨/iso - 8859 - 3⟩
1462 ⟨*iso - 8859 - 4⟩
1463 \ProvidesFile{se-iso-8859-4.def}[2007/06/16 v1.1 stringenc: ISO-8859-4]
1464 \def\SE@this{iso-8859-4}
1465 ⟨/iso - 8859 - 4⟩
1466 ⟨*iso - 8859 - 5⟩
1467 \ProvidesFile{se-iso-8859-5.def}[2007/06/16 v1.1 stringenc: ISO-8859-5]
1468 \def\SE@this{iso-8859-5}
1469 ⟨/iso - 8859 - 5⟩
1470 ⟨*iso - 8859 - 6⟩
1471 \ProvidesFile{se-iso-8859-6.def}[2007/06/16 v1.1 stringenc: ISO-8859-6]
1472 \def\SE@this{iso-8859-6}
1473 ⟨/iso - 8859 - 6⟩
1474 ⟨*iso - 8859 - 7⟩
1475 \ProvidesFile{se-iso-8859-7.def}[2007/06/16 v1.1 stringenc: ISO-8859-7]
1476 \def\SE@this{iso-8859-7}
1477 ⟨/iso - 8859 - 7⟩
```

```

1478 <*iso - 8859 - 8>
1479 \ProvidesFile{se-iso-8859-8.def}[2007/06/16 v1.1 stringenc: ISO-8859-8]
1480 \def\SE@this{iso-8859-8}
1481 </iso - 8859 - 8>
1482 <*iso - 8859 - 9>
1483 \ProvidesFile{se-iso-8859-9.def}[2007/06/16 v1.1 stringenc: ISO-8859-9]
1484 \def\SE@this{iso-8859-9}
1485 </iso - 8859 - 9>
1486 <*iso - 8859 - 10>
1487 \ProvidesFile{se-iso-8859-10.def}[2007/06/16 v1.1 stringenc: ISO-8859-10]
1488 \def\SE@this{iso-8859-10}
1489 </iso - 8859 - 10>
1490 <*iso - 8859 - 11>
1491 \ProvidesFile{se-iso-8859-11.def}[2007/06/16 v1.1 stringenc: ISO-8859-11]
1492 \def\SE@this{iso-8859-11}
1493 </iso - 8859 - 11>
1494 <*iso - 8859 - 13>
1495 \ProvidesFile{se-iso-8859-13.def}[2007/06/16 v1.1 stringenc: ISO-8859-13]
1496 \def\SE@this{iso-8859-13}
1497 </iso - 8859 - 13>
1498 <*iso - 8859 - 14>
1499 \ProvidesFile{se-iso-8859-14.def}[2007/06/16 v1.1 stringenc: ISO-8859-14]
1500 \def\SE@this{iso-8859-14}
1501 </iso - 8859 - 14>
1502 <*iso - 8859 - 15>
1503 \ProvidesFile{se-iso-8859-15.def}[2007/06/16 v1.1 stringenc: ISO-8859-15]
1504 \def\SE@this{iso-8859-15}
1505 </iso - 8859 - 15>
1506 <*iso - 8859 - 16>
1507 \ProvidesFile{se-iso-8859-16.def}[2007/06/16 v1.1 stringenc: ISO-8859-16]
1508 \def\SE@this{iso-8859-16}
1509 </iso - 8859 - 16>
1510 <*koi8 - r>
1511 \ProvidesFile{se-koi8-r.def}[2007/06/16 v1.1 stringenc: KOI8-R]
1512 \def\SE@this{koi8-r}
1513 </koi8 - r>
1514 <*nextstep>
1515 \ProvidesFile{se-nextstep.def}[2007/06/16 v1.1 stringenc: NextStep]
1516 \def\SE@this{nextstep}
1517 </nextstep>
1518 <*mac - centeuro>
1519 \ProvidesFile{se-mac-centeuro.def}[2007/06/16 v1.1 stringenc: Mac OS Central European]
1520 \def\SE@this{mac-centeuro}
1521 </mac - centeuro>
1522 <*mac - cyrillic>
1523 \ProvidesFile{se-mac-cyrillic.def}[2007/06/16 v1.1 stringenc: Mac OS Cyrillic]
1524 \def\SE@this{mac-cyrillic}
1525 </mac - cyrillic>
1526 <*mac - roman>
1527 \ProvidesFile{se-mac-roman.def}[2007/06/16 v1.1 stringenc: Mac OS Roman]
1528 \def\SE@this{mac-roman}
1529 </mac - roman>
1530 <*dec - mcs>
1531 \ProvidesFile{se-dec-mcs.def}[2007/06/16 v1.1 stringenc: DEC-MCS]
1532 \def\SE@this{dec-mcs}
1533 </dec - mcs>
1534 <*cp437>
1535 \ProvidesFile{se-cp437.def}[2007/06/16 v1.1 stringenc: cp437]
1536 \def\SE@this{cp437}
1537 </cp437>
1538 <*cp850>
1539 \ProvidesFile{se-cp850.def}[2007/06/16 v1.1 stringenc: cp850]

```

```

1540 \def\SE@this{cp850}
1541 \</cp850>
1542 \<*cp852>
1543 \ProvidesFile{se-cp852.def}[2007/06/16 v1.1 stringenc: cp852]
1544 \def\SE@this{cp852}
1545 \</cp852>
1546 \<*cp855>
1547 \ProvidesFile{se-cp855.def}[2007/06/16 v1.1 stringenc: cp855]
1548 \def\SE@this{cp855}
1549 \</cp855>
1550 \<*cp858>
1551 \ProvidesFile{se-cp858.def}[2007/06/16 v1.1 stringenc: cp858]
1552 \def\SE@this{cp858}
1553 \</cp858>
1554 \<*cp865>
1555 \ProvidesFile{se-cp865.def}[2007/06/16 v1.1 stringenc: cp865]
1556 \def\SE@this{cp865}
1557 \</cp865>
1558 \<*cp866>
1559 \ProvidesFile{se-cp866.def}[2007/06/16 v1.1 stringenc: cp866]
1560 \def\SE@this{cp866}
1561 \</cp866>
1562 \<*cp1250>
1563 \ProvidesFile{se-cp1250.def}[2007/06/16 v1.1 stringenc: cp1250]
1564 \def\SE@this{cp1250}
1565 \</cp1250>
1566 \<*cp1251>
1567 \ProvidesFile{se-cp1251.def}[2007/06/16 v1.1 stringenc: cp1251]
1568 \def\SE@this{cp1251}
1569 \</cp1251>
1570 \<*cp1257>
1571 \ProvidesFile{se-cp1257.def}[2007/06/16 v1.1 stringenc: cp1257]
1572 \def\SE@this{cp1257}
1573 \</cp1257>
1574 \<*package>
1575 \def\SE@to@general#1#2#3#4{%
1576   \ifnum"#1#2#3#4<128 %
1577     \SE@ResultAdd{#3#4}%
1578   \else
1579     \SE@MapConvertTo\SE@encoding{#1#2#3#4}%
1580   \fi
1581 }
1582 \def\SE@to@general@surrogate#1#2#3#4#5#6#7#8{%
1583   \SE@InvalidCharacter
1584 }
1585 \def\SE@from@general#1{%
1586   \let\SE@next\SE@@from@general
1587   \expandafter\SE@@from@general#1\relax\relax
1588 }
1589 \def\SE@@from@general#1#2{%
1590   \ifx#1\relax
1591     \let\SE@next\relax
1592   \else
1593     \ifnum"#1<8 % "#1#2<128
1594       \SE@ResultAdd{00#1#2}%
1595     \else
1596       \SE@MapConvertFrom\SE@encoding{#1#2}%
1597     \fi
1598   \fi
1599   \SE@next
1600 }
1601 \SE@AtEnd

```

1602 </package>

1603 <\*general>

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

1604 \global\expandafter\let\csname\SE@PrefixTo\SE@this\endcsname

1605 \SE@to@general

1606 \global\expandafter\let\csname\SE@PrefixSurrogateTo\SE@this\endcsname

1607 \SE@to@general@surrogate

1608 \global\expandafter\let\csname\SE@PrefixFrom\SE@this\endcsname

1609 \SE@from@general

1610 </general>

## iso-8859-2

1611 <\*iso – 8859 – 2>

1612 \SE@MapDeclare{iso-8859-2}{A0}{00A0}% NO-BREAK SPACE

1613 \SE@MapDeclare{iso-8859-2}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK

1614 \SE@MapDeclare{iso-8859-2}{A2}{02D8}% BREVE

1615 \SE@MapDeclare{iso-8859-2}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE

1616 \SE@MapDeclare{iso-8859-2}{A4}{00A4}% CURRENCY SIGN

1617 \SE@MapDeclare{iso-8859-2}{A5}{013D}% LATIN CAPITAL LETTER L WITH CARON

1618 \SE@MapDeclare{iso-8859-2}{A6}{015A}% LATIN CAPITAL LETTER S WITH ACUTE

1619 \SE@MapDeclare{iso-8859-2}{A7}{00A7}% SECTION SIGN

1620 \SE@MapDeclare{iso-8859-2}{A8}{00A8}% DIAERESIS

1621 \SE@MapDeclare{iso-8859-2}{A9}{0160}% LATIN CAPITAL LETTER S WITH CARON

1622 \SE@MapDeclare{iso-8859-2}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA

1623 \SE@MapDeclare{iso-8859-2}{AB}{0164}% LATIN CAPITAL LETTER T WITH CARON

1624 \SE@MapDeclare{iso-8859-2}{AC}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE

1625 \SE@MapDeclare{iso-8859-2}{AD}{00AD}% SOFT HYPHEN

1626 \SE@MapDeclare{iso-8859-2}{AE}{017D}% LATIN CAPITAL LETTER Z WITH CARON

1627 \SE@MapDeclare{iso-8859-2}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE

1628 \SE@MapDeclare{iso-8859-2}{B0}{00B0}% DEGREE SIGN

1629 \SE@MapDeclare{iso-8859-2}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK

1630 \SE@MapDeclare{iso-8859-2}{B2}{02DB}% OGONEK

1631 \SE@MapDeclare{iso-8859-2}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE

1632 \SE@MapDeclare{iso-8859-2}{B4}{00B4}% ACUTE ACCENT

1633 \SE@MapDeclare{iso-8859-2}{B5}{013E}% LATIN SMALL LETTER L WITH CARON

1634 \SE@MapDeclare{iso-8859-2}{B6}{015B}% LATIN SMALL LETTER S WITH ACUTE

1635 \SE@MapDeclare{iso-8859-2}{B7}{02C7}% CARON

1636 \SE@MapDeclare{iso-8859-2}{B8}{00B8}% CEDILLA

1637 \SE@MapDeclare{iso-8859-2}{B9}{0161}% LATIN SMALL LETTER S WITH CARON

1638 \SE@MapDeclare{iso-8859-2}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA

1639 \SE@MapDeclare{iso-8859-2}{BB}{0165}% LATIN SMALL LETTER T WITH CARON

1640 \SE@MapDeclare{iso-8859-2}{BC}{017A}% LATIN SMALL LETTER Z WITH ACUTE

1641 \SE@MapDeclare{iso-8859-2}{BD}{02DD}% DOUBLE ACUTE ACCENT

1642 \SE@MapDeclare{iso-8859-2}{BE}{017E}% LATIN SMALL LETTER Z WITH CARON

1643 \SE@MapDeclare{iso-8859-2}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE

1644 \SE@MapDeclare{iso-8859-2}{C0}{0154}% LATIN CAPITAL LETTER R WITH ACUTE

1645 \SE@MapDeclare{iso-8859-2}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE

1646 \SE@MapDeclare{iso-8859-2}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX

1647 \SE@MapDeclare{iso-8859-2}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE

1648 \SE@MapDeclare{iso-8859-2}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS

1649 \SE@MapDeclare{iso-8859-2}{C5}{0139}% LATIN CAPITAL LETTER L WITH ACUTE

1650 \SE@MapDeclare{iso-8859-2}{C6}{0106}% LATIN CAPITAL LETTER C WITH ACUTE

1651 \SE@MapDeclare{iso-8859-2}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA

1652 \SE@MapDeclare{iso-8859-2}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON

1653 \SE@MapDeclare{iso-8859-2}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE

1654 \SE@MapDeclare{iso-8859-2}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK

1655 \SE@MapDeclare{iso-8859-2}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS

1656 \SE@MapDeclare{iso-8859-2}{CC}{011A}% LATIN CAPITAL LETTER E WITH CARON

1657 \SE@MapDeclare{iso-8859-2}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE

1658 \SE@MapDeclare{iso-8859-2}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX

1659 \SE@MapDeclare{iso-8859-2}{CF}{010E}% LATIN CAPITAL LETTER D WITH CARON

1660 \SE@MapDeclare{iso-8859-2}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE

1661 \SE@MapDeclare{iso-8859-2}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE

1662 \SE@MapDeclare{iso-8859-2}{D2}{0147}% LATIN CAPITAL LETTER N WITH CARON

1663 \SE@MapDeclare{iso-8859-2}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE

1664 \SE@MapDeclare{iso-8859-2}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX

1665 \SE@MapDeclare{iso-8859-2}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE

1666 \SE@MapDeclare{iso-8859-2}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS

1667 \SE@MapDeclare{iso-8859-2}{D7}{00D7}% MULTIPLICATION SIGN

1668 \SE@MapDeclare{iso-8859-2}{D8}{0158}% LATIN CAPITAL LETTER R WITH CARON

1669 \SE@MapDeclare{iso-8859-2}{D9}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE

1670 \SE@MapDeclare{iso-8859-2}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE

1671 \SE@MapDeclare{iso-8859-2}{DB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE

1672 \SE@MapDeclare{iso-8859-2}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS

1673 \SE@MapDeclare{iso-8859-2}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE

1674 \SE@MapDeclare{iso-8859-2}{DE}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA

1675 \SE@MapDeclare{iso-8859-2}{DF}{00DF}% LATIN SMALL LETTER SHARP S

1676 \SE@MapDeclare{iso-8859-2}{E0}{0155}% LATIN SMALL LETTER R WITH ACUTE

1677 \SE@MapDeclare{iso-8859-2}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE

1678 \SE@MapDeclare{iso-8859-2}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX

1679 \SE@MapDeclare{iso-8859-2}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
1680 \SE@MapDeclare{iso-8859-2}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
1681 \SE@MapDeclare{iso-8859-2}{E5}{013A}% LATIN SMALL LETTER L WITH ACUTE  
1682 \SE@MapDeclare{iso-8859-2}{E6}{0107}% LATIN SMALL LETTER C WITH ACUTE  
1683 \SE@MapDeclare{iso-8859-2}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
1684 \SE@MapDeclare{iso-8859-2}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
1685 \SE@MapDeclare{iso-8859-2}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
1686 \SE@MapDeclare{iso-8859-2}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
1687 \SE@MapDeclare{iso-8859-2}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
1688 \SE@MapDeclare{iso-8859-2}{EC}{011B}% LATIN SMALL LETTER E WITH CARON  
1689 \SE@MapDeclare{iso-8859-2}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
1690 \SE@MapDeclare{iso-8859-2}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
1691 \SE@MapDeclare{iso-8859-2}{EF}{010F}% LATIN SMALL LETTER D WITH CARON  
1692 \SE@MapDeclare{iso-8859-2}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
1693 \SE@MapDeclare{iso-8859-2}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
1694 \SE@MapDeclare{iso-8859-2}{F2}{0148}% LATIN SMALL LETTER N WITH CARON  
1695 \SE@MapDeclare{iso-8859-2}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
1696 \SE@MapDeclare{iso-8859-2}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
1697 \SE@MapDeclare{iso-8859-2}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
1698 \SE@MapDeclare{iso-8859-2}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
1699 \SE@MapDeclare{iso-8859-2}{F7}{00F7}% DIVISION SIGN  
1700 \SE@MapDeclare{iso-8859-2}{F8}{0159}% LATIN SMALL LETTER R WITH CARON  
1701 \SE@MapDeclare{iso-8859-2}{F9}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
1702 \SE@MapDeclare{iso-8859-2}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
1703 \SE@MapDeclare{iso-8859-2}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
1704 \SE@MapDeclare{iso-8859-2}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
1705 \SE@MapDeclare{iso-8859-2}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
1706 \SE@MapDeclare{iso-8859-2}{FE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
1707 \SE@MapDeclare{iso-8859-2}{FF}{02D9}% DOT ABOVE  
1708 </iso-8859-2>

### iso-8859-3

1709 <\*iso-8859-3>  
1710 \SE@MapDeclare{iso-8859-3}{A0}{00A0}% NO-BREAK SPACE  
1711 \SE@MapDeclare{iso-8859-3}{A1}{0126}% LATIN CAPITAL LETTER H WITH STROKE  
1712 \SE@MapDeclare{iso-8859-3}{A2}{02D8}% BREVE  
1713 \SE@MapDeclare{iso-8859-3}{A3}{00A3}% POUND SIGN  
1714 \SE@MapDeclare{iso-8859-3}{A4}{00A4}% CURRENCY SIGN  
1715 \SE@MapDeclare{iso-8859-3}{A6}{0124}% LATIN CAPITAL LETTER H WITH CIRCUMFLEX  
1716 \SE@MapDeclare{iso-8859-3}{A7}{00A7}% SECTION SIGN  
1717 \SE@MapDeclare{iso-8859-3}{A8}{00A8}% DIAERESIS  
1718 \SE@MapDeclare{iso-8859-3}{A9}{0130}% LATIN CAPITAL LETTER I WITH DOT ABOVE  
1719 \SE@MapDeclare{iso-8859-3}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
1720 \SE@MapDeclare{iso-8859-3}{AB}{011E}% LATIN CAPITAL LETTER G WITH BREVE  
1721 \SE@MapDeclare{iso-8859-3}{AC}{0134}% LATIN CAPITAL LETTER J WITH CIRCUMFLEX  
1722 \SE@MapDeclare{iso-8859-3}{AD}{00AD}% SOFT HYPHEN  
1723 \SE@MapDeclare{iso-8859-3}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
1724 \SE@MapDeclare{iso-8859-3}{B0}{00B0}% DEGREE SIGN  
1725 \SE@MapDeclare{iso-8859-3}{B1}{0127}% LATIN SMALL LETTER H WITH STROKE  
1726 \SE@MapDeclare{iso-8859-3}{B2}{00B2}% SUPERSCRIP TWO  
1727 \SE@MapDeclare{iso-8859-3}{B3}{00B3}% SUPERSCRIP THREE  
1728 \SE@MapDeclare{iso-8859-3}{B4}{00B4}% ACUTE ACCENT  
1729 \SE@MapDeclare{iso-8859-3}{B5}{00B5}% MICRO SIGN  
1730 \SE@MapDeclare{iso-8859-3}{B6}{0125}% LATIN SMALL LETTER H WITH CIRCUMFLEX  
1731 \SE@MapDeclare{iso-8859-3}{B7}{00B7}% MIDDLE DOT  
1732 \SE@MapDeclare{iso-8859-3}{B8}{00B8}% CEDILLA  
1733 \SE@MapDeclare{iso-8859-3}{B9}{0131}% LATIN SMALL LETTER DOTLESS I  
1734 \SE@MapDeclare{iso-8859-3}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
1735 \SE@MapDeclare{iso-8859-3}{BB}{011F}% LATIN SMALL LETTER G WITH BREVE  
1736 \SE@MapDeclare{iso-8859-3}{BC}{0135}% LATIN SMALL LETTER J WITH CIRCUMFLEX  
1737 \SE@MapDeclare{iso-8859-3}{BD}{00BD}% VULGAR FRACTION ONE HALF  
1738 \SE@MapDeclare{iso-8859-3}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
1739 \SE@MapDeclare{iso-8859-3}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
1740 \SE@MapDeclare{iso-8859-3}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
1741 \SE@MapDeclare{iso-8859-3}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
1742 \SE@MapDeclare{iso-8859-3}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
1743 \SE@MapDeclare{iso-8859-3}{C5}{010A}% LATIN CAPITAL LETTER C WITH DOT ABOVE  
1744 \SE@MapDeclare{iso-8859-3}{C6}{0108}% LATIN CAPITAL LETTER C WITH CIRCUMFLEX  
1745 \SE@MapDeclare{iso-8859-3}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
1746 \SE@MapDeclare{iso-8859-3}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
1747 \SE@MapDeclare{iso-8859-3}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
1748 \SE@MapDeclare{iso-8859-3}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
1749 \SE@MapDeclare{iso-8859-3}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
1750 \SE@MapDeclare{iso-8859-3}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
1751 \SE@MapDeclare{iso-8859-3}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
1752 \SE@MapDeclare{iso-8859-3}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
1753 \SE@MapDeclare{iso-8859-3}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
1754 \SE@MapDeclare{iso-8859-3}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
1755 \SE@MapDeclare{iso-8859-3}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
1756 \SE@MapDeclare{iso-8859-3}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
1757 \SE@MapDeclare{iso-8859-3}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
1758 \SE@MapDeclare{iso-8859-3}{D5}{0120}% LATIN CAPITAL LETTER G WITH DOT ABOVE  
1759 \SE@MapDeclare{iso-8859-3}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
1760 \SE@MapDeclare{iso-8859-3}{D7}{00D7}% MULTIPLICATION SIGN

1761 \SE@MapDeclare{iso-8859-3}{D8}{011C}% LATIN CAPITAL LETTER G WITH CIRCUMFLEX  
1762 \SE@MapDeclare{iso-8859-3}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
1763 \SE@MapDeclare{iso-8859-3}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
1764 \SE@MapDeclare{iso-8859-3}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
1765 \SE@MapDeclare{iso-8859-3}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
1766 \SE@MapDeclare{iso-8859-3}{DD}{016C}% LATIN CAPITAL LETTER U WITH BREVE  
1767 \SE@MapDeclare{iso-8859-3}{DE}{015C}% LATIN CAPITAL LETTER S WITH CIRCUMFLEX  
1768 \SE@MapDeclare{iso-8859-3}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
1769 \SE@MapDeclare{iso-8859-3}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
1770 \SE@MapDeclare{iso-8859-3}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
1771 \SE@MapDeclare{iso-8859-3}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
1772 \SE@MapDeclare{iso-8859-3}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
1773 \SE@MapDeclare{iso-8859-3}{E5}{010B}% LATIN SMALL LETTER C WITH DOT ABOVE  
1774 \SE@MapDeclare{iso-8859-3}{E6}{0109}% LATIN SMALL LETTER C WITH CIRCUMFLEX  
1775 \SE@MapDeclare{iso-8859-3}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
1776 \SE@MapDeclare{iso-8859-3}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
1777 \SE@MapDeclare{iso-8859-3}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
1778 \SE@MapDeclare{iso-8859-3}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
1779 \SE@MapDeclare{iso-8859-3}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
1780 \SE@MapDeclare{iso-8859-3}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
1781 \SE@MapDeclare{iso-8859-3}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
1782 \SE@MapDeclare{iso-8859-3}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
1783 \SE@MapDeclare{iso-8859-3}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
1784 \SE@MapDeclare{iso-8859-3}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
1785 \SE@MapDeclare{iso-8859-3}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
1786 \SE@MapDeclare{iso-8859-3}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
1787 \SE@MapDeclare{iso-8859-3}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
1788 \SE@MapDeclare{iso-8859-3}{F5}{0121}% LATIN SMALL LETTER G WITH DOT ABOVE  
1789 \SE@MapDeclare{iso-8859-3}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
1790 \SE@MapDeclare{iso-8859-3}{F7}{00F7}% DIVISION SIGN  
1791 \SE@MapDeclare{iso-8859-3}{F8}{011D}% LATIN SMALL LETTER G WITH CIRCUMFLEX  
1792 \SE@MapDeclare{iso-8859-3}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
1793 \SE@MapDeclare{iso-8859-3}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
1794 \SE@MapDeclare{iso-8859-3}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
1795 \SE@MapDeclare{iso-8859-3}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
1796 \SE@MapDeclare{iso-8859-3}{FD}{016D}% LATIN SMALL LETTER U WITH BREVE  
1797 \SE@MapDeclare{iso-8859-3}{FE}{015D}% LATIN SMALL LETTER S WITH CIRCUMFLEX  
1798 \SE@MapDeclare{iso-8859-3}{FF}{02D9}% DOT ABOVE  
1799 </iso-8859-3>

#### iso-8859-4

1800 <\*iso-8859-4>  
1801 \SE@MapDeclare{iso-8859-4}{A0}{00A0}% NO-BREAK SPACE  
1802 \SE@MapDeclare{iso-8859-4}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
1803 \SE@MapDeclare{iso-8859-4}{A2}{0138}% LATIN SMALL LETTER KRA  
1804 \SE@MapDeclare{iso-8859-4}{A3}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
1805 \SE@MapDeclare{iso-8859-4}{A4}{00A4}% CURRENCY SIGN  
1806 \SE@MapDeclare{iso-8859-4}{A5}{0128}% LATIN CAPITAL LETTER I WITH TILDE  
1807 \SE@MapDeclare{iso-8859-4}{A6}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
1808 \SE@MapDeclare{iso-8859-4}{A7}{00A7}% SECTION SIGN  
1809 \SE@MapDeclare{iso-8859-4}{A8}{00A8}% DIAERESIS  
1810 \SE@MapDeclare{iso-8859-4}{A9}{0160}% LATIN CAPITAL LETTER S WITH CARON  
1811 \SE@MapDeclare{iso-8859-4}{AA}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
1812 \SE@MapDeclare{iso-8859-4}{AB}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
1813 \SE@MapDeclare{iso-8859-4}{AC}{0166}% LATIN CAPITAL LETTER T WITH STROKE  
1814 \SE@MapDeclare{iso-8859-4}{AD}{00AD}% SOFT HYPHEN  
1815 \SE@MapDeclare{iso-8859-4}{AE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
1816 \SE@MapDeclare{iso-8859-4}{AF}{00AF}% MACRON  
1817 \SE@MapDeclare{iso-8859-4}{B0}{00B0}% DEGREE SIGN  
1818 \SE@MapDeclare{iso-8859-4}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
1819 \SE@MapDeclare{iso-8859-4}{B2}{02DB}% OGONEK  
1820 \SE@MapDeclare{iso-8859-4}{B3}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
1821 \SE@MapDeclare{iso-8859-4}{B4}{00B4}% ACUTE ACCENT  
1822 \SE@MapDeclare{iso-8859-4}{B5}{0129}% LATIN SMALL LETTER I WITH TILDE  
1823 \SE@MapDeclare{iso-8859-4}{B6}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
1824 \SE@MapDeclare{iso-8859-4}{B7}{02C7}% CARON  
1825 \SE@MapDeclare{iso-8859-4}{B8}{00B8}% CEDILLA  
1826 \SE@MapDeclare{iso-8859-4}{B9}{0161}% LATIN SMALL LETTER S WITH CARON  
1827 \SE@MapDeclare{iso-8859-4}{BA}{0113}% LATIN SMALL LETTER E WITH MACRON  
1828 \SE@MapDeclare{iso-8859-4}{BB}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
1829 \SE@MapDeclare{iso-8859-4}{BC}{0167}% LATIN SMALL LETTER T WITH STROKE  
1830 \SE@MapDeclare{iso-8859-4}{BD}{014A}% LATIN CAPITAL LETTER ENG  
1831 \SE@MapDeclare{iso-8859-4}{BE}{017E}% LATIN SMALL LETTER Z WITH CARON  
1832 \SE@MapDeclare{iso-8859-4}{BF}{014B}% LATIN SMALL LETTER ENG  
1833 \SE@MapDeclare{iso-8859-4}{C0}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
1834 \SE@MapDeclare{iso-8859-4}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
1835 \SE@MapDeclare{iso-8859-4}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
1836 \SE@MapDeclare{iso-8859-4}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
1837 \SE@MapDeclare{iso-8859-4}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
1838 \SE@MapDeclare{iso-8859-4}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
1839 \SE@MapDeclare{iso-8859-4}{C6}{00C6}% LATIN CAPITAL LETTER AE  
1840 \SE@MapDeclare{iso-8859-4}{C7}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
1841 \SE@MapDeclare{iso-8859-4}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
1842 \SE@MapDeclare{iso-8859-4}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE

1843 \SE@MapDeclare{iso-8859-4}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
1844 \SE@MapDeclare{iso-8859-4}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
1845 \SE@MapDeclare{iso-8859-4}{CC}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
1846 \SE@MapDeclare{iso-8859-4}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
1847 \SE@MapDeclare{iso-8859-4}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
1848 \SE@MapDeclare{iso-8859-4}{CF}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
1849 \SE@MapDeclare{iso-8859-4}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
1850 \SE@MapDeclare{iso-8859-4}{D1}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
1851 \SE@MapDeclare{iso-8859-4}{D2}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
1852 \SE@MapDeclare{iso-8859-4}{D3}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
1853 \SE@MapDeclare{iso-8859-4}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
1854 \SE@MapDeclare{iso-8859-4}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
1855 \SE@MapDeclare{iso-8859-4}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
1856 \SE@MapDeclare{iso-8859-4}{D7}{00D7}% MULTIPLICATION SIGN  
1857 \SE@MapDeclare{iso-8859-4}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
1858 \SE@MapDeclare{iso-8859-4}{D9}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
1859 \SE@MapDeclare{iso-8859-4}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
1860 \SE@MapDeclare{iso-8859-4}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
1861 \SE@MapDeclare{iso-8859-4}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
1862 \SE@MapDeclare{iso-8859-4}{DD}{0168}% LATIN CAPITAL LETTER U WITH TILDE  
1863 \SE@MapDeclare{iso-8859-4}{DE}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
1864 \SE@MapDeclare{iso-8859-4}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
1865 \SE@MapDeclare{iso-8859-4}{E0}{0101}% LATIN SMALL LETTER A WITH MACRON  
1866 \SE@MapDeclare{iso-8859-4}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
1867 \SE@MapDeclare{iso-8859-4}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
1868 \SE@MapDeclare{iso-8859-4}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
1869 \SE@MapDeclare{iso-8859-4}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
1870 \SE@MapDeclare{iso-8859-4}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
1871 \SE@MapDeclare{iso-8859-4}{E6}{00E6}% LATIN SMALL LETTER AE  
1872 \SE@MapDeclare{iso-8859-4}{E7}{012F}% LATIN SMALL LETTER I WITH OGONEK  
1873 \SE@MapDeclare{iso-8859-4}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
1874 \SE@MapDeclare{iso-8859-4}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
1875 \SE@MapDeclare{iso-8859-4}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
1876 \SE@MapDeclare{iso-8859-4}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
1877 \SE@MapDeclare{iso-8859-4}{EC}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
1878 \SE@MapDeclare{iso-8859-4}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
1879 \SE@MapDeclare{iso-8859-4}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
1880 \SE@MapDeclare{iso-8859-4}{EF}{012B}% LATIN SMALL LETTER I WITH MACRON  
1881 \SE@MapDeclare{iso-8859-4}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
1882 \SE@MapDeclare{iso-8859-4}{F1}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
1883 \SE@MapDeclare{iso-8859-4}{F2}{014D}% LATIN SMALL LETTER O WITH MACRON  
1884 \SE@MapDeclare{iso-8859-4}{F3}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
1885 \SE@MapDeclare{iso-8859-4}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
1886 \SE@MapDeclare{iso-8859-4}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
1887 \SE@MapDeclare{iso-8859-4}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
1888 \SE@MapDeclare{iso-8859-4}{F7}{00F7}% DIVISION SIGN  
1889 \SE@MapDeclare{iso-8859-4}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
1890 \SE@MapDeclare{iso-8859-4}{F9}{0173}% LATIN SMALL LETTER U WITH OGONEK  
1891 \SE@MapDeclare{iso-8859-4}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
1892 \SE@MapDeclare{iso-8859-4}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
1893 \SE@MapDeclare{iso-8859-4}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
1894 \SE@MapDeclare{iso-8859-4}{FD}{0169}% LATIN SMALL LETTER U WITH TILDE  
1895 \SE@MapDeclare{iso-8859-4}{FE}{016B}% LATIN SMALL LETTER U WITH MACRON  
1896 \SE@MapDeclare{iso-8859-4}{FF}{02D9}% DOT ABOVE  
1897 </iso — 8859 — 4>

## iso-8859-5

1898 <\*iso — 8859 — 5>  
1899 \SE@MapDeclare{iso-8859-5}{A0}{00A0}% NO-BREAK SPACE  
1900 \SE@MapDeclare{iso-8859-5}{A1}{0401}% CYRILLIC CAPITAL LETTER IO  
1901 \SE@MapDeclare{iso-8859-5}{A2}{0402}% CYRILLIC CAPITAL LETTER DJE  
1902 \SE@MapDeclare{iso-8859-5}{A3}{0403}% CYRILLIC CAPITAL LETTER GJE  
1903 \SE@MapDeclare{iso-8859-5}{A4}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
1904 \SE@MapDeclare{iso-8859-5}{A5}{0405}% CYRILLIC CAPITAL LETTER DZE  
1905 \SE@MapDeclare{iso-8859-5}{A6}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
1906 \SE@MapDeclare{iso-8859-5}{A7}{0407}% CYRILLIC CAPITAL LETTER YI  
1907 \SE@MapDeclare{iso-8859-5}{A8}{0408}% CYRILLIC CAPITAL LETTER JE  
1908 \SE@MapDeclare{iso-8859-5}{A9}{0409}% CYRILLIC CAPITAL LETTER LJE  
1909 \SE@MapDeclare{iso-8859-5}{AA}{040A}% CYRILLIC CAPITAL LETTER NJE  
1910 \SE@MapDeclare{iso-8859-5}{AB}{040B}% CYRILLIC CAPITAL LETTER TSHE  
1911 \SE@MapDeclare{iso-8859-5}{AC}{040C}% CYRILLIC CAPITAL LETTER KJE  
1912 \SE@MapDeclare{iso-8859-5}{AD}{00AD}% SOFT HYPHEN  
1913 \SE@MapDeclare{iso-8859-5}{AE}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
1914 \SE@MapDeclare{iso-8859-5}{AF}{040F}% CYRILLIC CAPITAL LETTER DZHE  
1915 \SE@MapDeclare{iso-8859-5}{B0}{0410}% CYRILLIC CAPITAL LETTER A  
1916 \SE@MapDeclare{iso-8859-5}{B1}{0411}% CYRILLIC CAPITAL LETTER BE  
1917 \SE@MapDeclare{iso-8859-5}{B2}{0412}% CYRILLIC CAPITAL LETTER VE  
1918 \SE@MapDeclare{iso-8859-5}{B3}{0413}% CYRILLIC CAPITAL LETTER GHE  
1919 \SE@MapDeclare{iso-8859-5}{B4}{0414}% CYRILLIC CAPITAL LETTER DE  
1920 \SE@MapDeclare{iso-8859-5}{B5}{0415}% CYRILLIC CAPITAL LETTER IE  
1921 \SE@MapDeclare{iso-8859-5}{B6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
1922 \SE@MapDeclare{iso-8859-5}{B7}{0417}% CYRILLIC CAPITAL LETTER ZE  
1923 \SE@MapDeclare{iso-8859-5}{B8}{0418}% CYRILLIC CAPITAL LETTER I  
1924 \SE@MapDeclare{iso-8859-5}{B9}{0419}% CYRILLIC CAPITAL LETTER SHORT I

1925 \SE@MapDeclare{iso-8859-5}{BA}{041A}% CYRILLIC CAPITAL LETTER KA  
 1926 \SE@MapDeclare{iso-8859-5}{BB}{041B}% CYRILLIC CAPITAL LETTER EL  
 1927 \SE@MapDeclare{iso-8859-5}{BC}{041C}% CYRILLIC CAPITAL LETTER EM  
 1928 \SE@MapDeclare{iso-8859-5}{BD}{041D}% CYRILLIC CAPITAL LETTER EN  
 1929 \SE@MapDeclare{iso-8859-5}{BE}{041E}% CYRILLIC CAPITAL LETTER O  
 1930 \SE@MapDeclare{iso-8859-5}{BF}{041F}% CYRILLIC CAPITAL LETTER PE  
 1931 \SE@MapDeclare{iso-8859-5}{C0}{0420}% CYRILLIC CAPITAL LETTER ER  
 1932 \SE@MapDeclare{iso-8859-5}{C1}{0421}% CYRILLIC CAPITAL LETTER ES  
 1933 \SE@MapDeclare{iso-8859-5}{C2}{0422}% CYRILLIC CAPITAL LETTER TE  
 1934 \SE@MapDeclare{iso-8859-5}{C3}{0423}% CYRILLIC CAPITAL LETTER U  
 1935 \SE@MapDeclare{iso-8859-5}{C4}{0424}% CYRILLIC CAPITAL LETTER EF  
 1936 \SE@MapDeclare{iso-8859-5}{C5}{0425}% CYRILLIC CAPITAL LETTER HA  
 1937 \SE@MapDeclare{iso-8859-5}{C6}{0426}% CYRILLIC CAPITAL LETTER TSE  
 1938 \SE@MapDeclare{iso-8859-5}{C7}{0427}% CYRILLIC CAPITAL LETTER CHE  
 1939 \SE@MapDeclare{iso-8859-5}{C8}{0428}% CYRILLIC CAPITAL LETTER SHA  
 1940 \SE@MapDeclare{iso-8859-5}{C9}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 1941 \SE@MapDeclare{iso-8859-5}{CA}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 1942 \SE@MapDeclare{iso-8859-5}{CB}{042B}% CYRILLIC CAPITAL LETTER YERU  
 1943 \SE@MapDeclare{iso-8859-5}{CC}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 1944 \SE@MapDeclare{iso-8859-5}{CD}{042D}% CYRILLIC CAPITAL LETTER E  
 1945 \SE@MapDeclare{iso-8859-5}{CE}{042E}% CYRILLIC CAPITAL LETTER YU  
 1946 \SE@MapDeclare{iso-8859-5}{CF}{042F}% CYRILLIC CAPITAL LETTER YA  
 1947 \SE@MapDeclare{iso-8859-5}{D0}{0430}% CYRILLIC SMALL LETTER A  
 1948 \SE@MapDeclare{iso-8859-5}{D1}{0431}% CYRILLIC SMALL LETTER BE  
 1949 \SE@MapDeclare{iso-8859-5}{D2}{0432}% CYRILLIC SMALL LETTER VE  
 1950 \SE@MapDeclare{iso-8859-5}{D3}{0433}% CYRILLIC SMALL LETTER GHE  
 1951 \SE@MapDeclare{iso-8859-5}{D4}{0434}% CYRILLIC SMALL LETTER DE  
 1952 \SE@MapDeclare{iso-8859-5}{D5}{0435}% CYRILLIC SMALL LETTER IE  
 1953 \SE@MapDeclare{iso-8859-5}{D6}{0436}% CYRILLIC SMALL LETTER ZHE  
 1954 \SE@MapDeclare{iso-8859-5}{D7}{0437}% CYRILLIC SMALL LETTER ZE  
 1955 \SE@MapDeclare{iso-8859-5}{D8}{0438}% CYRILLIC SMALL LETTER I  
 1956 \SE@MapDeclare{iso-8859-5}{D9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 1957 \SE@MapDeclare{iso-8859-5}{DA}{043A}% CYRILLIC SMALL LETTER KA  
 1958 \SE@MapDeclare{iso-8859-5}{DB}{043B}% CYRILLIC SMALL LETTER EL  
 1959 \SE@MapDeclare{iso-8859-5}{DC}{043C}% CYRILLIC SMALL LETTER EM  
 1960 \SE@MapDeclare{iso-8859-5}{DD}{043D}% CYRILLIC SMALL LETTER EN  
 1961 \SE@MapDeclare{iso-8859-5}{DE}{043E}% CYRILLIC SMALL LETTER O  
 1962 \SE@MapDeclare{iso-8859-5}{DF}{043F}% CYRILLIC SMALL LETTER PE  
 1963 \SE@MapDeclare{iso-8859-5}{E0}{0440}% CYRILLIC SMALL LETTER ER  
 1964 \SE@MapDeclare{iso-8859-5}{E1}{0441}% CYRILLIC SMALL LETTER ES  
 1965 \SE@MapDeclare{iso-8859-5}{E2}{0442}% CYRILLIC SMALL LETTER TE  
 1966 \SE@MapDeclare{iso-8859-5}{E3}{0443}% CYRILLIC SMALL LETTER U  
 1967 \SE@MapDeclare{iso-8859-5}{E4}{0444}% CYRILLIC SMALL LETTER EF  
 1968 \SE@MapDeclare{iso-8859-5}{E5}{0445}% CYRILLIC SMALL LETTER HA  
 1969 \SE@MapDeclare{iso-8859-5}{E6}{0446}% CYRILLIC SMALL LETTER TSE  
 1970 \SE@MapDeclare{iso-8859-5}{E7}{0447}% CYRILLIC SMALL LETTER CHE  
 1971 \SE@MapDeclare{iso-8859-5}{E8}{0448}% CYRILLIC SMALL LETTER SHA  
 1972 \SE@MapDeclare{iso-8859-5}{E9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 1973 \SE@MapDeclare{iso-8859-5}{EA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 1974 \SE@MapDeclare{iso-8859-5}{EB}{044B}% CYRILLIC SMALL LETTER YERU  
 1975 \SE@MapDeclare{iso-8859-5}{EC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 1976 \SE@MapDeclare{iso-8859-5}{ED}{044D}% CYRILLIC SMALL LETTER E  
 1977 \SE@MapDeclare{iso-8859-5}{EE}{044E}% CYRILLIC SMALL LETTER YU  
 1978 \SE@MapDeclare{iso-8859-5}{EF}{044F}% CYRILLIC SMALL LETTER YA  
 1979 \SE@MapDeclare{iso-8859-5}{F0}{2116}% NUMERO SIGN  
 1980 \SE@MapDeclare{iso-8859-5}{F1}{0451}% CYRILLIC SMALL LETTER IO  
 1981 \SE@MapDeclare{iso-8859-5}{F2}{0452}% CYRILLIC SMALL LETTER DJE  
 1982 \SE@MapDeclare{iso-8859-5}{F3}{0453}% CYRILLIC SMALL LETTER GJE  
 1983 \SE@MapDeclare{iso-8859-5}{F4}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 1984 \SE@MapDeclare{iso-8859-5}{F5}{0455}% CYRILLIC SMALL LETTER DZE  
 1985 \SE@MapDeclare{iso-8859-5}{F6}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 1986 \SE@MapDeclare{iso-8859-5}{F7}{0457}% CYRILLIC SMALL LETTER YI  
 1987 \SE@MapDeclare{iso-8859-5}{F8}{0458}% CYRILLIC SMALL LETTER JE  
 1988 \SE@MapDeclare{iso-8859-5}{F9}{0459}% CYRILLIC SMALL LETTER LJE  
 1989 \SE@MapDeclare{iso-8859-5}{FA}{045A}% CYRILLIC SMALL LETTER NJE  
 1990 \SE@MapDeclare{iso-8859-5}{FB}{045B}% CYRILLIC SMALL LETTER TSHE  
 1991 \SE@MapDeclare{iso-8859-5}{FC}{045C}% CYRILLIC SMALL LETTER KJE  
 1992 \SE@MapDeclare{iso-8859-5}{FD}{00A7}% SECTION SIGN  
 1993 \SE@MapDeclare{iso-8859-5}{FE}{045E}% CYRILLIC SMALL LETTER SHORT U  
 1994 \SE@MapDeclare{iso-8859-5}{FF}{045F}% CYRILLIC SMALL LETTER DZHE  
 1995 </iso-8859-5>

## iso-8859-6

1996 <iso-8859-6>  
 1997 \SE@MapDeclare{iso-8859-6}{A0}{00A0}% NO-BREAK SPACE  
 1998 \SE@MapDeclare{iso-8859-6}{A4}{00A4}% CURRENCY SIGN  
 1999 \SE@MapDeclare{iso-8859-6}{AC}{060C}% ARABIC COMMA  
 2000 \SE@MapDeclare{iso-8859-6}{AD}{00AD}% SOFT HYPHEN  
 2001 \SE@MapDeclare{iso-8859-6}{BB}{061B}% ARABIC SEMICOLON  
 2002 \SE@MapDeclare{iso-8859-6}{BF}{061F}% ARABIC QUESTION MARK  
 2003 \SE@MapDeclare{iso-8859-6}{C1}{0621}% ARABIC LETTER HAMZA  
 2004 \SE@MapDeclare{iso-8859-6}{C2}{0622}% ARABIC LETTER ALEF WITH MADDA ABOVE  
 2005 \SE@MapDeclare{iso-8859-6}{C3}{0623}% ARABIC LETTER ALEF WITH HAMZA ABOVE  
 2006 \SE@MapDeclare{iso-8859-6}{C4}{0624}% ARABIC LETTER WAW WITH HAMZA ABOVE

2007 \SE@MapDeclare{iso-8859-6}{C5}{0625}% ARABIC LETTER ALEF WITH HAMZA BELOW  
2008 \SE@MapDeclare{iso-8859-6}{C6}{0626}% ARABIC LETTER YEH WITH HAMZA ABOVE  
2009 \SE@MapDeclare{iso-8859-6}{C7}{0627}% ARABIC LETTER ALEF  
2010 \SE@MapDeclare{iso-8859-6}{C8}{0628}% ARABIC LETTER BEH  
2011 \SE@MapDeclare{iso-8859-6}{C9}{0629}% ARABIC LETTER TEH MARBUTA  
2012 \SE@MapDeclare{iso-8859-6}{CA}{062A}% ARABIC LETTER TEH  
2013 \SE@MapDeclare{iso-8859-6}{CB}{062B}% ARABIC LETTER THEH  
2014 \SE@MapDeclare{iso-8859-6}{CC}{062C}% ARABIC LETTER JEEM  
2015 \SE@MapDeclare{iso-8859-6}{CD}{062D}% ARABIC LETTER HAH  
2016 \SE@MapDeclare{iso-8859-6}{CE}{062E}% ARABIC LETTER KHAH  
2017 \SE@MapDeclare{iso-8859-6}{CF}{062F}% ARABIC LETTER DAL  
2018 \SE@MapDeclare{iso-8859-6}{D0}{0630}% ARABIC LETTER THAL  
2019 \SE@MapDeclare{iso-8859-6}{D1}{0631}% ARABIC LETTER REH  
2020 \SE@MapDeclare{iso-8859-6}{D2}{0632}% ARABIC LETTER ZAIN  
2021 \SE@MapDeclare{iso-8859-6}{D3}{0633}% ARABIC LETTER SEEN  
2022 \SE@MapDeclare{iso-8859-6}{D4}{0634}% ARABIC LETTER SHEEN  
2023 \SE@MapDeclare{iso-8859-6}{D5}{0635}% ARABIC LETTER SAD  
2024 \SE@MapDeclare{iso-8859-6}{D6}{0636}% ARABIC LETTER DAD  
2025 \SE@MapDeclare{iso-8859-6}{D7}{0637}% ARABIC LETTER TAH  
2026 \SE@MapDeclare{iso-8859-6}{D8}{0638}% ARABIC LETTER ZAH  
2027 \SE@MapDeclare{iso-8859-6}{D9}{0639}% ARABIC LETTER AIN  
2028 \SE@MapDeclare{iso-8859-6}{DA}{063A}% ARABIC LETTER GHAIN  
2029 \SE@MapDeclare{iso-8859-6}{E0}{0640}% ARABIC TATWEEL  
2030 \SE@MapDeclare{iso-8859-6}{E1}{0641}% ARABIC LETTER FEH  
2031 \SE@MapDeclare{iso-8859-6}{E2}{0642}% ARABIC LETTER QAF  
2032 \SE@MapDeclare{iso-8859-6}{E3}{0643}% ARABIC LETTER KAF  
2033 \SE@MapDeclare{iso-8859-6}{E4}{0644}% ARABIC LETTER LAM  
2034 \SE@MapDeclare{iso-8859-6}{E5}{0645}% ARABIC LETTER MEEM  
2035 \SE@MapDeclare{iso-8859-6}{E6}{0646}% ARABIC LETTER NOON  
2036 \SE@MapDeclare{iso-8859-6}{E7}{0647}% ARABIC LETTER HEH  
2037 \SE@MapDeclare{iso-8859-6}{E8}{0648}% ARABIC LETTER WAW  
2038 \SE@MapDeclare{iso-8859-6}{E9}{0649}% ARABIC LETTER ALEF MAKSURA  
2039 \SE@MapDeclare{iso-8859-6}{EA}{064A}% ARABIC LETTER YEH  
2040 \SE@MapDeclare{iso-8859-6}{EB}{064B}% ARABIC FATHATAN  
2041 \SE@MapDeclare{iso-8859-6}{EC}{064C}% ARABIC DAMMATAN  
2042 \SE@MapDeclare{iso-8859-6}{ED}{064D}% ARABIC KASRATAN  
2043 \SE@MapDeclare{iso-8859-6}{EE}{064E}% ARABIC FATHA  
2044 \SE@MapDeclare{iso-8859-6}{EF}{064F}% ARABIC DAMMA  
2045 \SE@MapDeclare{iso-8859-6}{F0}{0650}% ARABIC KASRA  
2046 \SE@MapDeclare{iso-8859-6}{F1}{0651}% ARABIC SHADDA  
2047 \SE@MapDeclare{iso-8859-6}{F2}{0652}% ARABIC SUKUN  
2048 \SE@MapDeclare{iso-8859-6}{F3}{0653}% ARABIC LETTER QAF WITH HAMZA ABOVE

## iso-8859-7

2049 (\*iso - 8859 - 7)  
2050 \SE@MapDeclare{iso-8859-7}{A0}{00A0}% NO-BREAK SPACE  
2051 \SE@MapDeclare{iso-8859-7}{A1}{2018}% LEFT SINGLE QUOTATION MARK  
2052 \SE@MapDeclare{iso-8859-7}{A2}{2019}% RIGHT SINGLE QUOTATION MARK  
2053 \SE@MapDeclare{iso-8859-7}{A3}{00A3}% POUND SIGN  
2054 \SE@MapDeclare{iso-8859-7}{A4}{20AC}% EURO SIGN  
2055 \SE@MapDeclare{iso-8859-7}{A5}{20AF}% DRACHMA SIGN  
2056 \SE@MapDeclare{iso-8859-7}{A6}{00A6}% BROKEN BAR  
2057 \SE@MapDeclare{iso-8859-7}{A7}{00A7}% SECTION SIGN  
2058 \SE@MapDeclare{iso-8859-7}{A8}{00A8}% DIAERESIS  
2059 \SE@MapDeclare{iso-8859-7}{A9}{00A9}% COPYRIGHT SIGN  
2060 \SE@MapDeclare{iso-8859-7}{AA}{037A}% GREEK YPOGEGRAMMENI  
2061 \SE@MapDeclare{iso-8859-7}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
2062 \SE@MapDeclare{iso-8859-7}{AC}{00AC}% NOT SIGN  
2063 \SE@MapDeclare{iso-8859-7}{AD}{00AD}% SOFT HYPHEN  
2064 \SE@MapDeclare{iso-8859-7}{AF}{2015}% HORIZONTAL BAR  
2065 \SE@MapDeclare{iso-8859-7}{B0}{00B0}% DEGREE SIGN  
2066 \SE@MapDeclare{iso-8859-7}{B1}{00B1}% PLUS-MINUS SIGN  
2067 \SE@MapDeclare{iso-8859-7}{B2}{00B2}% SUPERSCRIPIT TWO  
2068 \SE@MapDeclare{iso-8859-7}{B3}{00B3}% SUPERSCRIPIT THREE  
2069 \SE@MapDeclare{iso-8859-7}{B4}{0384}% GREEK TONOS  
2070 \SE@MapDeclare{iso-8859-7}{B5}{0385}% GREEK DIALYTIKA TONOS  
2071 \SE@MapDeclare{iso-8859-7}{B6}{0386}% GREEK CAPITAL LETTER ALPHA WITH TONOS  
2072 \SE@MapDeclare{iso-8859-7}{B7}{00B7}% MIDDLE DOT  
2073 \SE@MapDeclare{iso-8859-7}{B8}{0388}% GREEK CAPITAL LETTER EPSILON WITH TONOS  
2074 \SE@MapDeclare{iso-8859-7}{B9}{0389}% GREEK CAPITAL LETTER ETA WITH TONOS  
2075 \SE@MapDeclare{iso-8859-7}{BA}{038A}% GREEK CAPITAL LETTER IOTA WITH TONOS  
2076 \SE@MapDeclare{iso-8859-7}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
2077 \SE@MapDeclare{iso-8859-7}{BC}{038C}% GREEK CAPITAL LETTER OMICRON WITH TONOS  
2078 \SE@MapDeclare{iso-8859-7}{BD}{00BD}% VULGAR FRACTION ONE HALF  
2079 \SE@MapDeclare{iso-8859-7}{BE}{038E}% GREEK CAPITAL LETTER UPSILON WITH TONOS  
2080 \SE@MapDeclare{iso-8859-7}{BF}{038F}% GREEK CAPITAL LETTER OMEGA WITH TONOS  
2081 \SE@MapDeclare{iso-8859-7}{C0}{0390}% GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS  
2082 \SE@MapDeclare{iso-8859-7}{C1}{0391}% GREEK CAPITAL LETTER ALPHA  
2083 \SE@MapDeclare{iso-8859-7}{C2}{0392}% GREEK CAPITAL LETTER BETA  
2084 \SE@MapDeclare{iso-8859-7}{C3}{0393}% GREEK CAPITAL LETTER GAMMA  
2085 \SE@MapDeclare{iso-8859-7}{C4}{0394}% GREEK CAPITAL LETTER DELTA  
2086 \SE@MapDeclare{iso-8859-7}{C5}{0395}% GREEK CAPITAL LETTER EPSILON  
2087 \SE@MapDeclare{iso-8859-7}{C6}{0396}% GREEK CAPITAL LETTER ZETA  
2088 \SE@MapDeclare{iso-8859-7}{C7}{0397}% GREEK CAPITAL LETTER ETA

2089 \SE@MapDeclare{iso-8859-7}{C8}{0398}% GREEK CAPITAL LETTER THETA  
 2090 \SE@MapDeclare{iso-8859-7}{C9}{0399}% GREEK CAPITAL LETTER IOTA  
 2091 \SE@MapDeclare{iso-8859-7}{CA}{039A}% GREEK CAPITAL LETTER KAPPA  
 2092 \SE@MapDeclare{iso-8859-7}{CB}{039B}% GREEK CAPITAL LETTER LAMDA  
 2093 \SE@MapDeclare{iso-8859-7}{CC}{039C}% GREEK CAPITAL LETTER MU  
 2094 \SE@MapDeclare{iso-8859-7}{CD}{039D}% GREEK CAPITAL LETTER NU  
 2095 \SE@MapDeclare{iso-8859-7}{CE}{039E}% GREEK CAPITAL LETTER XI  
 2096 \SE@MapDeclare{iso-8859-7}{CF}{039F}% GREEK CAPITAL LETTER OMICRON  
 2097 \SE@MapDeclare{iso-8859-7}{D0}{03A0}% GREEK CAPITAL LETTER PI  
 2098 \SE@MapDeclare{iso-8859-7}{D1}{03A1}% GREEK CAPITAL LETTER RHO  
 2099 \SE@MapDeclare{iso-8859-7}{D3}{03A3}% GREEK CAPITAL LETTER SIGMA  
 2100 \SE@MapDeclare{iso-8859-7}{D4}{03A4}% GREEK CAPITAL LETTER TAU  
 2101 \SE@MapDeclare{iso-8859-7}{D5}{03A5}% GREEK CAPITAL LETTER UPSILON  
 2102 \SE@MapDeclare{iso-8859-7}{D6}{03A6}% GREEK CAPITAL LETTER PHI  
 2103 \SE@MapDeclare{iso-8859-7}{D7}{03A7}% GREEK CAPITAL LETTER CHI  
 2104 \SE@MapDeclare{iso-8859-7}{D8}{03A8}% GREEK CAPITAL LETTER PSI  
 2105 \SE@MapDeclare{iso-8859-7}{D9}{03A9}% GREEK CAPITAL LETTER OMEGA  
 2106 \SE@MapDeclare{iso-8859-7}{DA}{03AA}% GREEK CAPITAL LETTER IOTA WITH DIALYTIKA  
 2107 \SE@MapDeclare{iso-8859-7}{DB}{03AB}% GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA  
 2108 \SE@MapDeclare{iso-8859-7}{DC}{03AC}% GREEK SMALL LETTER ALPHA WITH TONOS  
 2109 \SE@MapDeclare{iso-8859-7}{DD}{03AD}% GREEK SMALL LETTER EPSILON WITH TONOS  
 2110 \SE@MapDeclare{iso-8859-7}{DE}{03AE}% GREEK SMALL LETTER ETA WITH TONOS  
 2111 \SE@MapDeclare{iso-8859-7}{DF}{03AF}% GREEK SMALL LETTER IOTA WITH TONOS  
 2112 \SE@MapDeclare{iso-8859-7}{E0}{03B0}% GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS  
 2113 \SE@MapDeclare{iso-8859-7}{E1}{03B1}% GREEK SMALL LETTER ALPHA  
 2114 \SE@MapDeclare{iso-8859-7}{E2}{03B2}% GREEK SMALL LETTER BETA  
 2115 \SE@MapDeclare{iso-8859-7}{E3}{03B3}% GREEK SMALL LETTER GAMMA  
 2116 \SE@MapDeclare{iso-8859-7}{E4}{03B4}% GREEK SMALL LETTER DELTA  
 2117 \SE@MapDeclare{iso-8859-7}{E5}{03B5}% GREEK SMALL LETTER EPSILON  
 2118 \SE@MapDeclare{iso-8859-7}{E6}{03B6}% GREEK SMALL LETTER ZETA  
 2119 \SE@MapDeclare{iso-8859-7}{E7}{03B7}% GREEK SMALL LETTER ETA  
 2120 \SE@MapDeclare{iso-8859-7}{E8}{03B8}% GREEK SMALL LETTER THETA  
 2121 \SE@MapDeclare{iso-8859-7}{E9}{03B9}% GREEK SMALL LETTER IOTA  
 2122 \SE@MapDeclare{iso-8859-7}{EA}{03BA}% GREEK SMALL LETTER KAPPA  
 2123 \SE@MapDeclare{iso-8859-7}{EB}{03BB}% GREEK SMALL LETTER LAMDA  
 2124 \SE@MapDeclare{iso-8859-7}{EC}{03BC}% GREEK SMALL LETTER MU  
 2125 \SE@MapDeclare{iso-8859-7}{ED}{03BD}% GREEK SMALL LETTER NU  
 2126 \SE@MapDeclare{iso-8859-7}{EE}{03BE}% GREEK SMALL LETTER XI  
 2127 \SE@MapDeclare{iso-8859-7}{EF}{03BF}% GREEK SMALL LETTER OMICRON  
 2128 \SE@MapDeclare{iso-8859-7}{F0}{03C0}% GREEK SMALL LETTER PI  
 2129 \SE@MapDeclare{iso-8859-7}{F1}{03C1}% GREEK SMALL LETTER RHO  
 2130 \SE@MapDeclare{iso-8859-7}{F2}{03C2}% GREEK SMALL LETTER FINAL SIGMA  
 2131 \SE@MapDeclare{iso-8859-7}{F3}{03C3}% GREEK SMALL LETTER SIGMA  
 2132 \SE@MapDeclare{iso-8859-7}{F4}{03C4}% GREEK SMALL LETTER TAU  
 2133 \SE@MapDeclare{iso-8859-7}{F5}{03C5}% GREEK SMALL LETTER UPSILON  
 2134 \SE@MapDeclare{iso-8859-7}{F6}{03C6}% GREEK SMALL LETTER PHI  
 2135 \SE@MapDeclare{iso-8859-7}{F7}{03C7}% GREEK SMALL LETTER CHI  
 2136 \SE@MapDeclare{iso-8859-7}{F8}{03C8}% GREEK SMALL LETTER PSI  
 2137 \SE@MapDeclare{iso-8859-7}{F9}{03C9}% GREEK SMALL LETTER OMEGA  
 2138 \SE@MapDeclare{iso-8859-7}{FA}{03CA}% GREEK SMALL LETTER IOTA WITH DIALYTIKA  
 2139 \SE@MapDeclare{iso-8859-7}{FB}{03CB}% GREEK SMALL LETTER UPSILON WITH DIALYTIKA  
 2140 \SE@MapDeclare{iso-8859-7}{FC}{03CC}% GREEK SMALL LETTER OMICRON WITH TONOS  
 2141 \SE@MapDeclare{iso-8859-7}{FD}{03CD}% GREEK SMALL LETTER UPSILON WITH TONOS  
 2142 \SE@MapDeclare{iso-8859-7}{FE}{03CE}% GREEK SMALL LETTER OMEGA WITH TONOS  
 2143 </iso - 8859 - 7>

## iso-8859-8

2144 <\*iso - 8859 - 8>  
 2145 \SE@MapDeclare{iso-8859-8}{A0}{00A0}% NO-BREAK SPACE  
 2146 \SE@MapDeclare{iso-8859-8}{A2}{00A2}% CENT SIGN  
 2147 \SE@MapDeclare{iso-8859-8}{A3}{00A3}% POUND SIGN  
 2148 \SE@MapDeclare{iso-8859-8}{A4}{00A4}% CURRENCY SIGN  
 2149 \SE@MapDeclare{iso-8859-8}{A5}{00A5}% YEN SIGN  
 2150 \SE@MapDeclare{iso-8859-8}{A6}{00A6}% BROKEN BAR  
 2151 \SE@MapDeclare{iso-8859-8}{A7}{00A7}% SECTION SIGN  
 2152 \SE@MapDeclare{iso-8859-8}{A8}{00A8}% DIAERESIS  
 2153 \SE@MapDeclare{iso-8859-8}{A9}{00A9}% COPYRIGHT SIGN  
 2154 \SE@MapDeclare{iso-8859-8}{AA}{00D7}% MULTIPLICATION SIGN  
 2155 \SE@MapDeclare{iso-8859-8}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2156 \SE@MapDeclare{iso-8859-8}{AC}{00AC}% NOT SIGN  
 2157 \SE@MapDeclare{iso-8859-8}{AD}{00AD}% SOFT HYPHEN  
 2158 \SE@MapDeclare{iso-8859-8}{AE}{00AE}% REGISTERED SIGN  
 2159 \SE@MapDeclare{iso-8859-8}{AF}{00AF}% MACRON  
 2160 \SE@MapDeclare{iso-8859-8}{B0}{00B0}% DEGREE SIGN  
 2161 \SE@MapDeclare{iso-8859-8}{B1}{00B1}% PLUS-MINUS SIGN  
 2162 \SE@MapDeclare{iso-8859-8}{B2}{00B2}% SUPERSCRIFT TWO  
 2163 \SE@MapDeclare{iso-8859-8}{B3}{00B3}% SUPERSCRIFT THREE  
 2164 \SE@MapDeclare{iso-8859-8}{B4}{00B4}% ACUTE ACCENT  
 2165 \SE@MapDeclare{iso-8859-8}{B5}{00B5}% MICRO SIGN  
 2166 \SE@MapDeclare{iso-8859-8}{B6}{00B6}% PILCROW SIGN  
 2167 \SE@MapDeclare{iso-8859-8}{B7}{00B7}% MIDDLE DOT  
 2168 \SE@MapDeclare{iso-8859-8}{B8}{00B8}% CEDILLA  
 2169 \SE@MapDeclare{iso-8859-8}{B9}{00B9}% SUPERSCRIFT ONE  
 2170 \SE@MapDeclare{iso-8859-8}{BA}{00F7}% DIVISION SIGN

2171 \SE@MapDeclare{iso-8859-8}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
2172 \SE@MapDeclare{iso-8859-8}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
2173 \SE@MapDeclare{iso-8859-8}{BD}{00BD}% VULGAR FRACTION ONE HALF  
2174 \SE@MapDeclare{iso-8859-8}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
2175 \SE@MapDeclare{iso-8859-8}{DF}{2017}% DOUBLE LOW LINE  
2176 \SE@MapDeclare{iso-8859-8}{E0}{05D0}% HEBREW LETTER ALEF  
2177 \SE@MapDeclare{iso-8859-8}{E1}{05D1}% HEBREW LETTER BET  
2178 \SE@MapDeclare{iso-8859-8}{E2}{05D2}% HEBREW LETTER GIMEL  
2179 \SE@MapDeclare{iso-8859-8}{E3}{05D3}% HEBREW LETTER DALET  
2180 \SE@MapDeclare{iso-8859-8}{E4}{05D4}% HEBREW LETTER HE  
2181 \SE@MapDeclare{iso-8859-8}{E5}{05D5}% HEBREW LETTER VAV  
2182 \SE@MapDeclare{iso-8859-8}{E6}{05D6}% HEBREW LETTER ZAYIN  
2183 \SE@MapDeclare{iso-8859-8}{E7}{05D7}% HEBREW LETTER HET  
2184 \SE@MapDeclare{iso-8859-8}{E8}{05D8}% HEBREW LETTER TET  
2185 \SE@MapDeclare{iso-8859-8}{E9}{05D9}% HEBREW LETTER YOD  
2186 \SE@MapDeclare{iso-8859-8}{EA}{05DA}% HEBREW LETTER FINAL KAF  
2187 \SE@MapDeclare{iso-8859-8}{EB}{05DB}% HEBREW LETTER KAF  
2188 \SE@MapDeclare{iso-8859-8}{EC}{05DC}% HEBREW LETTER LAMED  
2189 \SE@MapDeclare{iso-8859-8}{ED}{05DD}% HEBREW LETTER FINAL MEM  
2190 \SE@MapDeclare{iso-8859-8}{EE}{05DE}% HEBREW LETTER MEM  
2191 \SE@MapDeclare{iso-8859-8}{EF}{05DF}% HEBREW LETTER FINAL NUN  
2192 \SE@MapDeclare{iso-8859-8}{F0}{05E0}% HEBREW LETTER NUN  
2193 \SE@MapDeclare{iso-8859-8}{F1}{05E1}% HEBREW LETTER SAMEKH  
2194 \SE@MapDeclare{iso-8859-8}{F2}{05E2}% HEBREW LETTER AYIN  
2195 \SE@MapDeclare{iso-8859-8}{F3}{05E3}% HEBREW LETTER FINAL PE  
2196 \SE@MapDeclare{iso-8859-8}{F4}{05E4}% HEBREW LETTER PE  
2197 \SE@MapDeclare{iso-8859-8}{F5}{05E5}% HEBREW LETTER FINAL TSADI  
2198 \SE@MapDeclare{iso-8859-8}{F6}{05E6}% HEBREW LETTER TSADI  
2199 \SE@MapDeclare{iso-8859-8}{F7}{05E7}% HEBREW LETTER QOF  
2200 \SE@MapDeclare{iso-8859-8}{F8}{05E8}% HEBREW LETTER RESH  
2201 \SE@MapDeclare{iso-8859-8}{F9}{05E9}% HEBREW LETTER SHIN  
2202 \SE@MapDeclare{iso-8859-8}{FA}{05EA}% HEBREW LETTER TAV  
2203 \SE@MapDeclare{iso-8859-8}{FD}{200E}% LEFT-TO-RIGHT MARK  
2204 \SE@MapDeclare{iso-8859-8}{FE}{200F}% RIGHT-TO-LEFT MARK  
2205 (/iso - 8859 - 8)

## iso-8859-9

2206 (\*iso - 8859 - 9)  
2207 \SE@MapDeclare{iso-8859-9}{A0}{00A0}% NO-BREAK SPACE  
2208 \SE@MapDeclare{iso-8859-9}{A1}{00A1}% INVERTED EXCLAMATION MARK  
2209 \SE@MapDeclare{iso-8859-9}{A2}{00A2}% CENT SIGN  
2210 \SE@MapDeclare{iso-8859-9}{A3}{00A3}% POUND SIGN  
2211 \SE@MapDeclare{iso-8859-9}{A4}{00A4}% CURRENCY SIGN  
2212 \SE@MapDeclare{iso-8859-9}{A5}{00A5}% YEN SIGN  
2213 \SE@MapDeclare{iso-8859-9}{A6}{00A6}% BROKEN BAR  
2214 \SE@MapDeclare{iso-8859-9}{A7}{00A7}% SECTION SIGN  
2215 \SE@MapDeclare{iso-8859-9}{A8}{00A8}% DIAERESIS  
2216 \SE@MapDeclare{iso-8859-9}{A9}{00A9}% COPYRIGHT SIGN  
2217 \SE@MapDeclare{iso-8859-9}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
2218 \SE@MapDeclare{iso-8859-9}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
2219 \SE@MapDeclare{iso-8859-9}{AC}{00AC}% NOT SIGN  
2220 \SE@MapDeclare{iso-8859-9}{AD}{00AD}% SOFT HYPHEN  
2221 \SE@MapDeclare{iso-8859-9}{AE}{00AE}% REGISTERED SIGN  
2222 \SE@MapDeclare{iso-8859-9}{AF}{00AF}% MACRON  
2223 \SE@MapDeclare{iso-8859-9}{B0}{00B0}% DEGREE SIGN  
2224 \SE@MapDeclare{iso-8859-9}{B1}{00B1}% PLUS-MINUS SIGN  
2225 \SE@MapDeclare{iso-8859-9}{B2}{00B2}% SUPERSCRIP TWO  
2226 \SE@MapDeclare{iso-8859-9}{B3}{00B3}% SUPERSCRIP THREE  
2227 \SE@MapDeclare{iso-8859-9}{B4}{00B4}% ACUTE ACCENT  
2228 \SE@MapDeclare{iso-8859-9}{B5}{00B5}% MICRO SIGN  
2229 \SE@MapDeclare{iso-8859-9}{B6}{00B6}% PILCROW SIGN  
2230 \SE@MapDeclare{iso-8859-9}{B7}{00B7}% MIDDLE DOT  
2231 \SE@MapDeclare{iso-8859-9}{B8}{00B8}% CEDILLA  
2232 \SE@MapDeclare{iso-8859-9}{B9}{00B9}% SUPERSCRIP ONE  
2233 \SE@MapDeclare{iso-8859-9}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
2234 \SE@MapDeclare{iso-8859-9}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
2235 \SE@MapDeclare{iso-8859-9}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
2236 \SE@MapDeclare{iso-8859-9}{BD}{00BD}% VULGAR FRACTION ONE HALF  
2237 \SE@MapDeclare{iso-8859-9}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
2238 \SE@MapDeclare{iso-8859-9}{BF}{00BF}% INVERTED QUESTION MARK  
2239 \SE@MapDeclare{iso-8859-9}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
2240 \SE@MapDeclare{iso-8859-9}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
2241 \SE@MapDeclare{iso-8859-9}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
2242 \SE@MapDeclare{iso-8859-9}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
2243 \SE@MapDeclare{iso-8859-9}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
2244 \SE@MapDeclare{iso-8859-9}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
2245 \SE@MapDeclare{iso-8859-9}{C6}{00C6}% LATIN CAPITAL LETTER AE  
2246 \SE@MapDeclare{iso-8859-9}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
2247 \SE@MapDeclare{iso-8859-9}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
2248 \SE@MapDeclare{iso-8859-9}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
2249 \SE@MapDeclare{iso-8859-9}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
2250 \SE@MapDeclare{iso-8859-9}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
2251 \SE@MapDeclare{iso-8859-9}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
2252 \SE@MapDeclare{iso-8859-9}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE

2253 \SE@MapDeclare{iso-8859-9}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2254 \SE@MapDeclare{iso-8859-9}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2255 \SE@MapDeclare{iso-8859-9}{D0}{011E}% LATIN CAPITAL LETTER G WITH BREVE  
 2256 \SE@MapDeclare{iso-8859-9}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2257 \SE@MapDeclare{iso-8859-9}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2258 \SE@MapDeclare{iso-8859-9}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2259 \SE@MapDeclare{iso-8859-9}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2260 \SE@MapDeclare{iso-8859-9}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2261 \SE@MapDeclare{iso-8859-9}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2262 \SE@MapDeclare{iso-8859-9}{D7}{00D7}% MULTIPLICATION SIGN  
 2263 \SE@MapDeclare{iso-8859-9}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2264 \SE@MapDeclare{iso-8859-9}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2265 \SE@MapDeclare{iso-8859-9}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2266 \SE@MapDeclare{iso-8859-9}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2267 \SE@MapDeclare{iso-8859-9}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2268 \SE@MapDeclare{iso-8859-9}{DD}{0130}% LATIN CAPITAL LETTER I WITH DOT ABOVE  
 2269 \SE@MapDeclare{iso-8859-9}{DE}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 2270 \SE@MapDeclare{iso-8859-9}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2271 \SE@MapDeclare{iso-8859-9}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 2272 \SE@MapDeclare{iso-8859-9}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2273 \SE@MapDeclare{iso-8859-9}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2274 \SE@MapDeclare{iso-8859-9}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2275 \SE@MapDeclare{iso-8859-9}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2276 \SE@MapDeclare{iso-8859-9}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2277 \SE@MapDeclare{iso-8859-9}{E6}{00E6}% LATIN SMALL LETTER AE  
 2278 \SE@MapDeclare{iso-8859-9}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 2279 \SE@MapDeclare{iso-8859-9}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 2280 \SE@MapDeclare{iso-8859-9}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2281 \SE@MapDeclare{iso-8859-9}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 2282 \SE@MapDeclare{iso-8859-9}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2283 \SE@MapDeclare{iso-8859-9}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 2284 \SE@MapDeclare{iso-8859-9}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2285 \SE@MapDeclare{iso-8859-9}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2286 \SE@MapDeclare{iso-8859-9}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2287 \SE@MapDeclare{iso-8859-9}{F0}{011F}% LATIN SMALL LETTER G WITH BREVE  
 2288 \SE@MapDeclare{iso-8859-9}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 2289 \SE@MapDeclare{iso-8859-9}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 2290 \SE@MapDeclare{iso-8859-9}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2291 \SE@MapDeclare{iso-8859-9}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2292 \SE@MapDeclare{iso-8859-9}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2293 \SE@MapDeclare{iso-8859-9}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2294 \SE@MapDeclare{iso-8859-9}{F7}{00F7}% DIVISION SIGN  
 2295 \SE@MapDeclare{iso-8859-9}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2296 \SE@MapDeclare{iso-8859-9}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2297 \SE@MapDeclare{iso-8859-9}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2298 \SE@MapDeclare{iso-8859-9}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2299 \SE@MapDeclare{iso-8859-9}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2300 \SE@MapDeclare{iso-8859-9}{FD}{0131}% LATIN SMALL LETTER DOTLESS I  
 2301 \SE@MapDeclare{iso-8859-9}{FE}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 2302 \SE@MapDeclare{iso-8859-9}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2303 (/iso - 8859 - 9)

## iso-8859-10

2304 (\*iso - 8859 - 10)  
 2305 \SE@MapDeclare{iso-8859-10}{A0}{00A0}% NO-BREAK SPACE  
 2306 \SE@MapDeclare{iso-8859-10}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2307 \SE@MapDeclare{iso-8859-10}{A2}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 2308 \SE@MapDeclare{iso-8859-10}{A3}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 2309 \SE@MapDeclare{iso-8859-10}{A4}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 2310 \SE@MapDeclare{iso-8859-10}{A5}{0128}% LATIN CAPITAL LETTER I WITH TILDE  
 2311 \SE@MapDeclare{iso-8859-10}{A6}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 2312 \SE@MapDeclare{iso-8859-10}{A7}{00A7}% SECTION SIGN  
 2313 \SE@MapDeclare{iso-8859-10}{A8}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 2314 \SE@MapDeclare{iso-8859-10}{A9}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 2315 \SE@MapDeclare{iso-8859-10}{AA}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2316 \SE@MapDeclare{iso-8859-10}{AB}{0166}% LATIN CAPITAL LETTER T WITH STROKE  
 2317 \SE@MapDeclare{iso-8859-10}{AC}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2318 \SE@MapDeclare{iso-8859-10}{AD}{00AD}% SOFT HYPHEN  
 2319 \SE@MapDeclare{iso-8859-10}{AE}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 2320 \SE@MapDeclare{iso-8859-10}{AF}{014A}% LATIN CAPITAL LETTER ENG  
 2321 \SE@MapDeclare{iso-8859-10}{B0}{00B0}% DEGREE SIGN  
 2322 \SE@MapDeclare{iso-8859-10}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2323 \SE@MapDeclare{iso-8859-10}{B2}{0113}% LATIN SMALL LETTER E WITH MACRON  
 2324 \SE@MapDeclare{iso-8859-10}{B3}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 2325 \SE@MapDeclare{iso-8859-10}{B4}{012B}% LATIN SMALL LETTER I WITH MACRON  
 2326 \SE@MapDeclare{iso-8859-10}{B5}{0129}% LATIN SMALL LETTER I WITH TILDE  
 2327 \SE@MapDeclare{iso-8859-10}{B6}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2328 \SE@MapDeclare{iso-8859-10}{B7}{00B7}% MIDDLE DOT  
 2329 \SE@MapDeclare{iso-8859-10}{B8}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 2330 \SE@MapDeclare{iso-8859-10}{B9}{0111}% LATIN SMALL LETTER D WITH STROKE  
 2331 \SE@MapDeclare{iso-8859-10}{BA}{0161}% LATIN SMALL LETTER S WITH CARON  
 2332 \SE@MapDeclare{iso-8859-10}{BB}{0167}% LATIN SMALL LETTER T WITH STROKE  
 2333 \SE@MapDeclare{iso-8859-10}{BC}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2334 \SE@MapDeclare{iso-8859-10}{BD}{2015}% HORIZONTAL BAR

2335 \SE@MapDeclare{iso-8859-10}{BE}{016B}% LATIN SMALL LETTER U WITH MACRON  
2336 \SE@MapDeclare{iso-8859-10}{BF}{014B}% LATIN SMALL LETTER ENG  
2337 \SE@MapDeclare{iso-8859-10}{C0}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
2338 \SE@MapDeclare{iso-8859-10}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
2339 \SE@MapDeclare{iso-8859-10}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
2340 \SE@MapDeclare{iso-8859-10}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
2341 \SE@MapDeclare{iso-8859-10}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
2342 \SE@MapDeclare{iso-8859-10}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
2343 \SE@MapDeclare{iso-8859-10}{C6}{00C6}% LATIN CAPITAL LETTER AE  
2344 \SE@MapDeclare{iso-8859-10}{C7}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
2345 \SE@MapDeclare{iso-8859-10}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
2346 \SE@MapDeclare{iso-8859-10}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
2347 \SE@MapDeclare{iso-8859-10}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
2348 \SE@MapDeclare{iso-8859-10}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
2349 \SE@MapDeclare{iso-8859-10}{CC}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
2350 \SE@MapDeclare{iso-8859-10}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
2351 \SE@MapDeclare{iso-8859-10}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
2352 \SE@MapDeclare{iso-8859-10}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
2353 \SE@MapDeclare{iso-8859-10}{D0}{00D0}% LATIN CAPITAL LETTER ETH (Icelandic)  
2354 \SE@MapDeclare{iso-8859-10}{D1}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
2355 \SE@MapDeclare{iso-8859-10}{D2}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
2356 \SE@MapDeclare{iso-8859-10}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
2357 \SE@MapDeclare{iso-8859-10}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
2358 \SE@MapDeclare{iso-8859-10}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
2359 \SE@MapDeclare{iso-8859-10}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
2360 \SE@MapDeclare{iso-8859-10}{D7}{0168}% LATIN CAPITAL LETTER U WITH TILDE  
2361 \SE@MapDeclare{iso-8859-10}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
2362 \SE@MapDeclare{iso-8859-10}{D9}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
2363 \SE@MapDeclare{iso-8859-10}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
2364 \SE@MapDeclare{iso-8859-10}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2365 \SE@MapDeclare{iso-8859-10}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2366 \SE@MapDeclare{iso-8859-10}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
2367 \SE@MapDeclare{iso-8859-10}{DE}{00DE}% LATIN CAPITAL LETTER THORN (Icelandic)  
2368 \SE@MapDeclare{iso-8859-10}{DF}{00DF}% LATIN SMALL LETTER SHARP S (German)  
2369 \SE@MapDeclare{iso-8859-10}{E0}{0101}% LATIN SMALL LETTER A WITH MACRON  
2370 \SE@MapDeclare{iso-8859-10}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2371 \SE@MapDeclare{iso-8859-10}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2372 \SE@MapDeclare{iso-8859-10}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
2373 \SE@MapDeclare{iso-8859-10}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2374 \SE@MapDeclare{iso-8859-10}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
2375 \SE@MapDeclare{iso-8859-10}{E6}{00E6}% LATIN SMALL LETTER AE  
2376 \SE@MapDeclare{iso-8859-10}{E7}{012F}% LATIN SMALL LETTER I WITH OGONEK  
2377 \SE@MapDeclare{iso-8859-10}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
2378 \SE@MapDeclare{iso-8859-10}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
2379 \SE@MapDeclare{iso-8859-10}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
2380 \SE@MapDeclare{iso-8859-10}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
2381 \SE@MapDeclare{iso-8859-10}{EC}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
2382 \SE@MapDeclare{iso-8859-10}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
2383 \SE@MapDeclare{iso-8859-10}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
2384 \SE@MapDeclare{iso-8859-10}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
2385 \SE@MapDeclare{iso-8859-10}{F0}{00F0}% LATIN SMALL LETTER ETH (Icelandic)  
2386 \SE@MapDeclare{iso-8859-10}{F1}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
2387 \SE@MapDeclare{iso-8859-10}{F2}{014D}% LATIN SMALL LETTER O WITH MACRON  
2388 \SE@MapDeclare{iso-8859-10}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
2389 \SE@MapDeclare{iso-8859-10}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
2390 \SE@MapDeclare{iso-8859-10}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
2391 \SE@MapDeclare{iso-8859-10}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
2392 \SE@MapDeclare{iso-8859-10}{F7}{0169}% LATIN SMALL LETTER U WITH TILDE  
2393 \SE@MapDeclare{iso-8859-10}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
2394 \SE@MapDeclare{iso-8859-10}{F9}{0173}% LATIN SMALL LETTER U WITH OGONEK  
2395 \SE@MapDeclare{iso-8859-10}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
2396 \SE@MapDeclare{iso-8859-10}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
2397 \SE@MapDeclare{iso-8859-10}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
2398 \SE@MapDeclare{iso-8859-10}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
2399 \SE@MapDeclare{iso-8859-10}{FE}{00FE}% LATIN SMALL LETTER THORN (Icelandic)  
2400 \SE@MapDeclare{iso-8859-10}{FF}{0138}% LATIN SMALL LETTER KRA  
2401 </iso – 8859 – 10>

## iso-8859-11

2402 <\*iso – 8859 – 11>  
2403 \SE@MapDeclare{iso-8859-11}{A0}{00A0}% NO-BREAK SPACE  
2404 \SE@MapDeclare{iso-8859-11}{A1}{0E01}% THAI CHARACTER KO KAI  
2405 \SE@MapDeclare{iso-8859-11}{A2}{0E02}% THAI CHARACTER KHO KHAI  
2406 \SE@MapDeclare{iso-8859-11}{A3}{0E03}% THAI CHARACTER KHO KHUAT  
2407 \SE@MapDeclare{iso-8859-11}{A4}{0E04}% THAI CHARACTER KHO KHWAI  
2408 \SE@MapDeclare{iso-8859-11}{A5}{0E05}% THAI CHARACTER KHO KHON  
2409 \SE@MapDeclare{iso-8859-11}{A6}{0E06}% THAI CHARACTER KHO RAKHANG  
2410 \SE@MapDeclare{iso-8859-11}{A7}{0E07}% THAI CHARACTER NGO NGU  
2411 \SE@MapDeclare{iso-8859-11}{A8}{0E08}% THAI CHARACTER CHO CHAN  
2412 \SE@MapDeclare{iso-8859-11}{A9}{0E09}% THAI CHARACTER CHO CHING  
2413 \SE@MapDeclare{iso-8859-11}{AA}{0E0A}% THAI CHARACTER CHO CHANG  
2414 \SE@MapDeclare{iso-8859-11}{AB}{0E0B}% THAI CHARACTER SO SO  
2415 \SE@MapDeclare{iso-8859-11}{AC}{0E0C}% THAI CHARACTER CHO CHOE  
2416 \SE@MapDeclare{iso-8859-11}{AD}{0E0D}% THAI CHARACTER YO YING

2417 \SE@MapDeclare{iso-8859-11}{AE}{0E0E}% THAI CHARACTER DO CHADA  
 2418 \SE@MapDeclare{iso-8859-11}{AF}{0E0F}% THAI CHARACTER TO PATAK  
 2419 \SE@MapDeclare{iso-8859-11}{B0}{0E10}% THAI CHARACTER THO THAN  
 2420 \SE@MapDeclare{iso-8859-11}{B1}{0E11}% THAI CHARACTER THO NANGMONTHO  
 2421 \SE@MapDeclare{iso-8859-11}{B2}{0E12}% THAI CHARACTER THO PHUTHAO  
 2422 \SE@MapDeclare{iso-8859-11}{B3}{0E13}% THAI CHARACTER NO NEN  
 2423 \SE@MapDeclare{iso-8859-11}{B4}{0E14}% THAI CHARACTER DO DEK  
 2424 \SE@MapDeclare{iso-8859-11}{B5}{0E15}% THAI CHARACTER TO TAO  
 2425 \SE@MapDeclare{iso-8859-11}{B6}{0E16}% THAI CHARACTER THO THUNG  
 2426 \SE@MapDeclare{iso-8859-11}{B7}{0E17}% THAI CHARACTER THO THAHAN  
 2427 \SE@MapDeclare{iso-8859-11}{B8}{0E18}% THAI CHARACTER THO THONG  
 2428 \SE@MapDeclare{iso-8859-11}{B9}{0E19}% THAI CHARACTER NO NU  
 2429 \SE@MapDeclare{iso-8859-11}{BA}{0E1A}% THAI CHARACTER BO BAIMAI  
 2430 \SE@MapDeclare{iso-8859-11}{BB}{0E1B}% THAI CHARACTER PO PLA  
 2431 \SE@MapDeclare{iso-8859-11}{BC}{0E1C}% THAI CHARACTER PHO PHUNG  
 2432 \SE@MapDeclare{iso-8859-11}{BD}{0E1D}% THAI CHARACTER FO FA  
 2433 \SE@MapDeclare{iso-8859-11}{BE}{0E1E}% THAI CHARACTER PHO PHAN  
 2434 \SE@MapDeclare{iso-8859-11}{BF}{0E1F}% THAI CHARACTER FO FAN  
 2435 \SE@MapDeclare{iso-8859-11}{C0}{0E20}% THAI CHARACTER PHO SAMPHAO  
 2436 \SE@MapDeclare{iso-8859-11}{C1}{0E21}% THAI CHARACTER MO MA  
 2437 \SE@MapDeclare{iso-8859-11}{C2}{0E22}% THAI CHARACTER YO YAK  
 2438 \SE@MapDeclare{iso-8859-11}{C3}{0E23}% THAI CHARACTER RO RUA  
 2439 \SE@MapDeclare{iso-8859-11}{C4}{0E24}% THAI CHARACTER RU  
 2440 \SE@MapDeclare{iso-8859-11}{C5}{0E25}% THAI CHARACTER LO LING  
 2441 \SE@MapDeclare{iso-8859-11}{C6}{0E26}% THAI CHARACTER LU  
 2442 \SE@MapDeclare{iso-8859-11}{C7}{0E27}% THAI CHARACTER WO WAEN  
 2443 \SE@MapDeclare{iso-8859-11}{C8}{0E28}% THAI CHARACTER SO SALA  
 2444 \SE@MapDeclare{iso-8859-11}{C9}{0E29}% THAI CHARACTER SO RUSI  
 2445 \SE@MapDeclare{iso-8859-11}{CA}{0E2A}% THAI CHARACTER SO SUA  
 2446 \SE@MapDeclare{iso-8859-11}{CB}{0E2B}% THAI CHARACTER HO HIP  
 2447 \SE@MapDeclare{iso-8859-11}{CC}{0E2C}% THAI CHARACTER LO CHULA  
 2448 \SE@MapDeclare{iso-8859-11}{CD}{0E2D}% THAI CHARACTER O ANG  
 2449 \SE@MapDeclare{iso-8859-11}{CE}{0E2E}% THAI CHARACTER HO NOKHUK  
 2450 \SE@MapDeclare{iso-8859-11}{CF}{0E2F}% THAI CHARACTER PAIYANNOI  
 2451 \SE@MapDeclare{iso-8859-11}{D0}{0E30}% THAI CHARACTER SARA A  
 2452 \SE@MapDeclare{iso-8859-11}{D1}{0E31}% THAI CHARACTER MAI HAN-AKAT  
 2453 \SE@MapDeclare{iso-8859-11}{D2}{0E32}% THAI CHARACTER SARA AA  
 2454 \SE@MapDeclare{iso-8859-11}{D3}{0E33}% THAI CHARACTER SARA AM  
 2455 \SE@MapDeclare{iso-8859-11}{D4}{0E34}% THAI CHARACTER SARA I  
 2456 \SE@MapDeclare{iso-8859-11}{D5}{0E35}% THAI CHARACTER SARA II  
 2457 \SE@MapDeclare{iso-8859-11}{D6}{0E36}% THAI CHARACTER SARA UE  
 2458 \SE@MapDeclare{iso-8859-11}{D7}{0E37}% THAI CHARACTER SARA UEE  
 2459 \SE@MapDeclare{iso-8859-11}{D8}{0E38}% THAI CHARACTER SARA U  
 2460 \SE@MapDeclare{iso-8859-11}{D9}{0E39}% THAI CHARACTER SARA UU  
 2461 \SE@MapDeclare{iso-8859-11}{DA}{0E3A}% THAI CHARACTER PHINTHU  
 2462 \SE@MapDeclare{iso-8859-11}{DF}{0E3F}% THAI CURRENCY SYMBOL BAHT  
 2463 \SE@MapDeclare{iso-8859-11}{E0}{0E40}% THAI CHARACTER SARA E  
 2464 \SE@MapDeclare{iso-8859-11}{E1}{0E41}% THAI CHARACTER SARA AE  
 2465 \SE@MapDeclare{iso-8859-11}{E2}{0E42}% THAI CHARACTER SARA O  
 2466 \SE@MapDeclare{iso-8859-11}{E3}{0E43}% THAI CHARACTER SARA AI MAIMUAN  
 2467 \SE@MapDeclare{iso-8859-11}{E4}{0E44}% THAI CHARACTER SARA AI MAIMALAI  
 2468 \SE@MapDeclare{iso-8859-11}{E5}{0E45}% THAI CHARACTER LAKKHANGYAO  
 2469 \SE@MapDeclare{iso-8859-11}{E6}{0E46}% THAI CHARACTER MAIYAMOK  
 2470 \SE@MapDeclare{iso-8859-11}{E7}{0E47}% THAI CHARACTER MAITAIKHU  
 2471 \SE@MapDeclare{iso-8859-11}{E8}{0E48}% THAI CHARACTER MAI EK  
 2472 \SE@MapDeclare{iso-8859-11}{E9}{0E49}% THAI CHARACTER MAI THO  
 2473 \SE@MapDeclare{iso-8859-11}{EA}{0E4A}% THAI CHARACTER MAI TRI  
 2474 \SE@MapDeclare{iso-8859-11}{EB}{0E4B}% THAI CHARACTER MAI CHATTAWA  
 2475 \SE@MapDeclare{iso-8859-11}{EC}{0E4C}% THAI CHARACTER THANTHAKHAT  
 2476 \SE@MapDeclare{iso-8859-11}{ED}{0E4D}% THAI CHARACTER NIKHAHIT  
 2477 \SE@MapDeclare{iso-8859-11}{EE}{0E4E}% THAI CHARACTER YAMAKKAN  
 2478 \SE@MapDeclare{iso-8859-11}{EF}{0E4F}% THAI CHARACTER FONGMAN  
 2479 \SE@MapDeclare{iso-8859-11}{F0}{0E50}% THAI DIGIT ZERO  
 2480 \SE@MapDeclare{iso-8859-11}{F1}{0E51}% THAI DIGIT ONE  
 2481 \SE@MapDeclare{iso-8859-11}{F2}{0E52}% THAI DIGIT TWO  
 2482 \SE@MapDeclare{iso-8859-11}{F3}{0E53}% THAI DIGIT THREE  
 2483 \SE@MapDeclare{iso-8859-11}{F4}{0E54}% THAI DIGIT FOUR  
 2484 \SE@MapDeclare{iso-8859-11}{F5}{0E55}% THAI DIGIT FIVE  
 2485 \SE@MapDeclare{iso-8859-11}{F6}{0E56}% THAI DIGIT SIX  
 2486 \SE@MapDeclare{iso-8859-11}{F7}{0E57}% THAI DIGIT SEVEN  
 2487 \SE@MapDeclare{iso-8859-11}{F8}{0E58}% THAI DIGIT EIGHT  
 2488 \SE@MapDeclare{iso-8859-11}{F9}{0E59}% THAI DIGIT NINE  
 2489 \SE@MapDeclare{iso-8859-11}{FA}{0E5A}% THAI CHARACTER ANGKHANKHU  
 2490 \SE@MapDeclare{iso-8859-11}{FB}{0E5B}% THAI CHARACTER KHOMUT  
 2491 \</iso-8859-11>

### iso-8859-13

2492 \<iso-8859-13>  
 2493 \SE@MapDeclare{iso-8859-13}{A0}{00A0}% NO-BREAK SPACE  
 2494 \SE@MapDeclare{iso-8859-13}{A1}{201D}% RIGHT DOUBLE QUOTATION MARK  
 2495 \SE@MapDeclare{iso-8859-13}{A2}{00A2}% CENT SIGN  
 2496 \SE@MapDeclare{iso-8859-13}{A3}{00A3}% POUND SIGN  
 2497 \SE@MapDeclare{iso-8859-13}{A4}{00A4}% CURRENCY SIGN  
 2498 \SE@MapDeclare{iso-8859-13}{A5}{201E}% DOUBLE LOW-9 QUOTATION MARK

2499 \SE@MapDeclare{iso-8859-13}{A6}{00A6}% BROKEN BAR  
 2500 \SE@MapDeclare{iso-8859-13}{A7}{00A7}% SECTION SIGN  
 2501 \SE@MapDeclare{iso-8859-13}{A8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2502 \SE@MapDeclare{iso-8859-13}{A9}{00A9}% COPYRIGHT SIGN  
 2503 \SE@MapDeclare{iso-8859-13}{AA}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 2504 \SE@MapDeclare{iso-8859-13}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2505 \SE@MapDeclare{iso-8859-13}{AC}{00AC}% NOT SIGN  
 2506 \SE@MapDeclare{iso-8859-13}{AD}{00AD}% SOFT HYPHEN  
 2507 \SE@MapDeclare{iso-8859-13}{AE}{00AE}% REGISTERED SIGN  
 2508 \SE@MapDeclare{iso-8859-13}{AF}{00C6}% LATIN CAPITAL LETTER AE  
 2509 \SE@MapDeclare{iso-8859-13}{B0}{00B0}% DEGREE SIGN  
 2510 \SE@MapDeclare{iso-8859-13}{B1}{00B1}% PLUS-MINUS SIGN  
 2511 \SE@MapDeclare{iso-8859-13}{B2}{00B2}% SUPERSCRIP TWO  
 2512 \SE@MapDeclare{iso-8859-13}{B3}{00B3}% SUPERSCRIP THREE  
 2513 \SE@MapDeclare{iso-8859-13}{B4}{201C}% LEFT DOUBLE QUOTATION MARK  
 2514 \SE@MapDeclare{iso-8859-13}{B5}{00B5}% MICRO SIGN  
 2515 \SE@MapDeclare{iso-8859-13}{B6}{00B6}% PILCROW SIGN  
 2516 \SE@MapDeclare{iso-8859-13}{B7}{00B7}% MIDDLE DOT  
 2517 \SE@MapDeclare{iso-8859-13}{B8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2518 \SE@MapDeclare{iso-8859-13}{B9}{00B9}% SUPERSCRIP ONE  
 2519 \SE@MapDeclare{iso-8859-13}{BA}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 2520 \SE@MapDeclare{iso-8859-13}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2521 \SE@MapDeclare{iso-8859-13}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2522 \SE@MapDeclare{iso-8859-13}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2523 \SE@MapDeclare{iso-8859-13}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2524 \SE@MapDeclare{iso-8859-13}{BF}{00E6}% LATIN SMALL LETTER AE  
 2525 \SE@MapDeclare{iso-8859-13}{C0}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2526 \SE@MapDeclare{iso-8859-13}{C1}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 2527 \SE@MapDeclare{iso-8859-13}{C2}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 2528 \SE@MapDeclare{iso-8859-13}{C3}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 2529 \SE@MapDeclare{iso-8859-13}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2530 \SE@MapDeclare{iso-8859-13}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2531 \SE@MapDeclare{iso-8859-13}{C6}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 2532 \SE@MapDeclare{iso-8859-13}{C7}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 2533 \SE@MapDeclare{iso-8859-13}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2534 \SE@MapDeclare{iso-8859-13}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2535 \SE@MapDeclare{iso-8859-13}{CA}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 2536 \SE@MapDeclare{iso-8859-13}{CB}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 2537 \SE@MapDeclare{iso-8859-13}{CC}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 2538 \SE@MapDeclare{iso-8859-13}{CD}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 2539 \SE@MapDeclare{iso-8859-13}{CE}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 2540 \SE@MapDeclare{iso-8859-13}{CF}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 2541 \SE@MapDeclare{iso-8859-13}{D0}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2542 \SE@MapDeclare{iso-8859-13}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 2543 \SE@MapDeclare{iso-8859-13}{D2}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 2544 \SE@MapDeclare{iso-8859-13}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2545 \SE@MapDeclare{iso-8859-13}{D4}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 2546 \SE@MapDeclare{iso-8859-13}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2547 \SE@MapDeclare{iso-8859-13}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2548 \SE@MapDeclare{iso-8859-13}{D7}{00D7}% MULTIPLICATION SIGN  
 2549 \SE@MapDeclare{iso-8859-13}{D8}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 2550 \SE@MapDeclare{iso-8859-13}{D9}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 2551 \SE@MapDeclare{iso-8859-13}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 2552 \SE@MapDeclare{iso-8859-13}{DB}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 2553 \SE@MapDeclare{iso-8859-13}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2554 \SE@MapDeclare{iso-8859-13}{DD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 2555 \SE@MapDeclare{iso-8859-13}{DE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2556 \SE@MapDeclare{iso-8859-13}{DF}{00DF}% LATIN SMALL LETTER SHARP S (German)  
 2557 \SE@MapDeclare{iso-8859-13}{E0}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2558 \SE@MapDeclare{iso-8859-13}{E1}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 2559 \SE@MapDeclare{iso-8859-13}{E2}{0101}% LATIN SMALL LETTER A WITH MACRON  
 2560 \SE@MapDeclare{iso-8859-13}{E3}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 2561 \SE@MapDeclare{iso-8859-13}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2562 \SE@MapDeclare{iso-8859-13}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2563 \SE@MapDeclare{iso-8859-13}{E6}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 2564 \SE@MapDeclare{iso-8859-13}{E7}{0113}% LATIN SMALL LETTER E WITH MACRON  
 2565 \SE@MapDeclare{iso-8859-13}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 2566 \SE@MapDeclare{iso-8859-13}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2567 \SE@MapDeclare{iso-8859-13}{EA}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 2568 \SE@MapDeclare{iso-8859-13}{EB}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 2569 \SE@MapDeclare{iso-8859-13}{EC}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 2570 \SE@MapDeclare{iso-8859-13}{ED}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2571 \SE@MapDeclare{iso-8859-13}{EE}{012B}% LATIN SMALL LETTER I WITH MACRON  
 2572 \SE@MapDeclare{iso-8859-13}{EF}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 2573 \SE@MapDeclare{iso-8859-13}{F0}{0161}% LATIN SMALL LETTER S WITH CARON  
 2574 \SE@MapDeclare{iso-8859-13}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 2575 \SE@MapDeclare{iso-8859-13}{F2}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 2576 \SE@MapDeclare{iso-8859-13}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2577 \SE@MapDeclare{iso-8859-13}{F4}{014D}% LATIN SMALL LETTER O WITH MACRON  
 2578 \SE@MapDeclare{iso-8859-13}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2579 \SE@MapDeclare{iso-8859-13}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2580 \SE@MapDeclare{iso-8859-13}{F7}{00F7}% DIVISION SIGN  
 2581 \SE@MapDeclare{iso-8859-13}{F8}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2582 \SE@MapDeclare{iso-8859-13}{F9}{0142}% LATIN SMALL LETTER L WITH STROKE  
 2583 \SE@MapDeclare{iso-8859-13}{FA}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 2584 \SE@MapDeclare{iso-8859-13}{FB}{016B}% LATIN SMALL LETTER U WITH MACRON

2585 \SE@MapDeclare{iso-8859-13}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2586 \SE@MapDeclare{iso-8859-13}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 2587 \SE@MapDeclare{iso-8859-13}{FE}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2588 \SE@MapDeclare{iso-8859-13}{FF}{2019}% RIGHT SINGLE QUOTATION MARK  
 2589 (/iso - 8859 - 13)

## iso-8859-14

2590 (\*iso - 8859 - 14)  
 2591 \SE@MapDeclare{iso-8859-14}{A0}{00A0}% NO-BREAK SPACE  
 2592 \SE@MapDeclare{iso-8859-14}{A1}{1E02}% LATIN CAPITAL LETTER B WITH DOT ABOVE  
 2593 \SE@MapDeclare{iso-8859-14}{A2}{1E03}% LATIN SMALL LETTER B WITH DOT ABOVE  
 2594 \SE@MapDeclare{iso-8859-14}{A3}{00A3}% POUND SIGN  
 2595 \SE@MapDeclare{iso-8859-14}{A4}{010A}% LATIN CAPITAL LETTER C WITH DOT ABOVE  
 2596 \SE@MapDeclare{iso-8859-14}{A5}{010B}% LATIN SMALL LETTER C WITH DOT ABOVE  
 2597 \SE@MapDeclare{iso-8859-14}{A6}{1E0A}% LATIN CAPITAL LETTER D WITH DOT ABOVE  
 2598 \SE@MapDeclare{iso-8859-14}{A7}{00A7}% SECTION SIGN  
 2599 \SE@MapDeclare{iso-8859-14}{A8}{1E80}% LATIN CAPITAL LETTER W WITH GRAVE  
 2600 \SE@MapDeclare{iso-8859-14}{A9}{00A9}% COPYRIGHT SIGN  
 2601 \SE@MapDeclare{iso-8859-14}{AA}{1E82}% LATIN CAPITAL LETTER W WITH ACUTE  
 2602 \SE@MapDeclare{iso-8859-14}{AB}{1E0B}% LATIN SMALL LETTER D WITH DOT ABOVE  
 2603 \SE@MapDeclare{iso-8859-14}{AC}{1EF2}% LATIN CAPITAL LETTER Y WITH GRAVE  
 2604 \SE@MapDeclare{iso-8859-14}{AD}{00AD}% SOFT HYPHEN  
 2605 \SE@MapDeclare{iso-8859-14}{AE}{00AE}% REGISTERED SIGN  
 2606 \SE@MapDeclare{iso-8859-14}{AF}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 2607 \SE@MapDeclare{iso-8859-14}{B0}{1E1E}% LATIN CAPITAL LETTER F WITH DOT ABOVE  
 2608 \SE@MapDeclare{iso-8859-14}{B1}{1E1F}% LATIN SMALL LETTER F WITH DOT ABOVE  
 2609 \SE@MapDeclare{iso-8859-14}{B2}{0120}% LATIN CAPITAL LETTER G WITH DOT ABOVE  
 2610 \SE@MapDeclare{iso-8859-14}{B3}{0121}% LATIN SMALL LETTER G WITH DOT ABOVE  
 2611 \SE@MapDeclare{iso-8859-14}{B4}{1E40}% LATIN CAPITAL LETTER M WITH DOT ABOVE  
 2612 \SE@MapDeclare{iso-8859-14}{B5}{1E41}% LATIN SMALL LETTER M WITH DOT ABOVE  
 2613 \SE@MapDeclare{iso-8859-14}{B6}{00B6}% PILCROW SIGN  
 2614 \SE@MapDeclare{iso-8859-14}{B7}{1E56}% LATIN CAPITAL LETTER P WITH DOT ABOVE  
 2615 \SE@MapDeclare{iso-8859-14}{B8}{1E81}% LATIN SMALL LETTER W WITH GRAVE  
 2616 \SE@MapDeclare{iso-8859-14}{B9}{1E57}% LATIN SMALL LETTER P WITH DOT ABOVE  
 2617 \SE@MapDeclare{iso-8859-14}{BA}{1E83}% LATIN SMALL LETTER W WITH ACUTE  
 2618 \SE@MapDeclare{iso-8859-14}{BB}{1E60}% LATIN CAPITAL LETTER S WITH DOT ABOVE  
 2619 \SE@MapDeclare{iso-8859-14}{BC}{1EF3}% LATIN SMALL LETTER Y WITH GRAVE  
 2620 \SE@MapDeclare{iso-8859-14}{BD}{1E84}% LATIN CAPITAL LETTER W WITH DIAERESIS  
 2621 \SE@MapDeclare{iso-8859-14}{BE}{1E85}% LATIN SMALL LETTER W WITH DIAERESIS  
 2622 \SE@MapDeclare{iso-8859-14}{BF}{1E61}% LATIN SMALL LETTER S WITH DOT ABOVE  
 2623 \SE@MapDeclare{iso-8859-14}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2624 \SE@MapDeclare{iso-8859-14}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2625 \SE@MapDeclare{iso-8859-14}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2626 \SE@MapDeclare{iso-8859-14}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2627 \SE@MapDeclare{iso-8859-14}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2628 \SE@MapDeclare{iso-8859-14}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2629 \SE@MapDeclare{iso-8859-14}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2630 \SE@MapDeclare{iso-8859-14}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2631 \SE@MapDeclare{iso-8859-14}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2632 \SE@MapDeclare{iso-8859-14}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2633 \SE@MapDeclare{iso-8859-14}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2634 \SE@MapDeclare{iso-8859-14}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2635 \SE@MapDeclare{iso-8859-14}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2636 \SE@MapDeclare{iso-8859-14}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2637 \SE@MapDeclare{iso-8859-14}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2638 \SE@MapDeclare{iso-8859-14}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2639 \SE@MapDeclare{iso-8859-14}{D0}{0174}% LATIN CAPITAL LETTER W WITH CIRCUMFLEX  
 2640 \SE@MapDeclare{iso-8859-14}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2641 \SE@MapDeclare{iso-8859-14}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2642 \SE@MapDeclare{iso-8859-14}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2643 \SE@MapDeclare{iso-8859-14}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2644 \SE@MapDeclare{iso-8859-14}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2645 \SE@MapDeclare{iso-8859-14}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2646 \SE@MapDeclare{iso-8859-14}{D7}{1E6A}% LATIN CAPITAL LETTER T WITH DOT ABOVE  
 2647 \SE@MapDeclare{iso-8859-14}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2648 \SE@MapDeclare{iso-8859-14}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2649 \SE@MapDeclare{iso-8859-14}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2650 \SE@MapDeclare{iso-8859-14}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2651 \SE@MapDeclare{iso-8859-14}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2652 \SE@MapDeclare{iso-8859-14}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 2653 \SE@MapDeclare{iso-8859-14}{DE}{0176}% LATIN CAPITAL LETTER Y WITH CIRCUMFLEX  
 2654 \SE@MapDeclare{iso-8859-14}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2655 \SE@MapDeclare{iso-8859-14}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 2656 \SE@MapDeclare{iso-8859-14}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2657 \SE@MapDeclare{iso-8859-14}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2658 \SE@MapDeclare{iso-8859-14}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2659 \SE@MapDeclare{iso-8859-14}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2660 \SE@MapDeclare{iso-8859-14}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2661 \SE@MapDeclare{iso-8859-14}{E6}{00E6}% LATIN SMALL LETTER AE  
 2662 \SE@MapDeclare{iso-8859-14}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 2663 \SE@MapDeclare{iso-8859-14}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 2664 \SE@MapDeclare{iso-8859-14}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2665 \SE@MapDeclare{iso-8859-14}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 2666 \SE@MapDeclare{iso-8859-14}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS

2667 \SE@MapDeclare{iso-8859-14}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 2668 \SE@MapDeclare{iso-8859-14}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2669 \SE@MapDeclare{iso-8859-14}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2670 \SE@MapDeclare{iso-8859-14}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2671 \SE@MapDeclare{iso-8859-14}{F0}{0175}% LATIN SMALL LETTER W WITH CIRCUMFLEX  
 2672 \SE@MapDeclare{iso-8859-14}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 2673 \SE@MapDeclare{iso-8859-14}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 2674 \SE@MapDeclare{iso-8859-14}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2675 \SE@MapDeclare{iso-8859-14}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2676 \SE@MapDeclare{iso-8859-14}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2677 \SE@MapDeclare{iso-8859-14}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2678 \SE@MapDeclare{iso-8859-14}{F7}{1E6B}% LATIN SMALL LETTER T WITH DOT ABOVE  
 2679 \SE@MapDeclare{iso-8859-14}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2680 \SE@MapDeclare{iso-8859-14}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2681 \SE@MapDeclare{iso-8859-14}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2682 \SE@MapDeclare{iso-8859-14}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2683 \SE@MapDeclare{iso-8859-14}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2684 \SE@MapDeclare{iso-8859-14}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2685 \SE@MapDeclare{iso-8859-14}{FE}{0177}% LATIN SMALL LETTER Y WITH CIRCUMFLEX  
 2686 \SE@MapDeclare{iso-8859-14}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2687 </iso-8859-14>

## iso-8859-15

2688 <\*iso-8859-15>  
 2689 \SE@MapDeclare{iso-8859-15}{A0}{00A0}% NO-BREAK SPACE  
 2690 \SE@MapDeclare{iso-8859-15}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 2691 \SE@MapDeclare{iso-8859-15}{A2}{00A2}% CENT SIGN  
 2692 \SE@MapDeclare{iso-8859-15}{A3}{00A3}% POUND SIGN  
 2693 \SE@MapDeclare{iso-8859-15}{A4}{20AC}% EURO SIGN  
 2694 \SE@MapDeclare{iso-8859-15}{A5}{00A5}% YEN SIGN  
 2695 \SE@MapDeclare{iso-8859-15}{A6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2696 \SE@MapDeclare{iso-8859-15}{A7}{00A7}% SECTION SIGN  
 2697 \SE@MapDeclare{iso-8859-15}{A8}{0161}% LATIN SMALL LETTER S WITH CARON  
 2698 \SE@MapDeclare{iso-8859-15}{A9}{00A9}% COPYRIGHT SIGN  
 2699 \SE@MapDeclare{iso-8859-15}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
 2700 \SE@MapDeclare{iso-8859-15}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2701 \SE@MapDeclare{iso-8859-15}{AC}{00AC}% NOT SIGN  
 2702 \SE@MapDeclare{iso-8859-15}{AD}{00AD}% SOFT HYPHEN  
 2703 \SE@MapDeclare{iso-8859-15}{AE}{00AE}% REGISTERED SIGN  
 2704 \SE@MapDeclare{iso-8859-15}{AF}{00AF}% MACRON  
 2705 \SE@MapDeclare{iso-8859-15}{B0}{00B0}% DEGREE SIGN  
 2706 \SE@MapDeclare{iso-8859-15}{B1}{00B1}% PLUS-MINUS SIGN  
 2707 \SE@MapDeclare{iso-8859-15}{B2}{00B2}% SUPERScript TWO  
 2708 \SE@MapDeclare{iso-8859-15}{B3}{00B3}% SUPERScript THREE  
 2709 \SE@MapDeclare{iso-8859-15}{B4}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2710 \SE@MapDeclare{iso-8859-15}{B5}{00B5}% MICRO SIGN  
 2711 \SE@MapDeclare{iso-8859-15}{B6}{00B6}% PILCROW SIGN  
 2712 \SE@MapDeclare{iso-8859-15}{B7}{00B7}% MIDDLE DOT  
 2713 \SE@MapDeclare{iso-8859-15}{B8}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2714 \SE@MapDeclare{iso-8859-15}{B9}{00B9}% SUPERScript ONE  
 2715 \SE@MapDeclare{iso-8859-15}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
 2716 \SE@MapDeclare{iso-8859-15}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2717 \SE@MapDeclare{iso-8859-15}{BC}{0152}% LATIN CAPITAL LIGATURE OE  
 2718 \SE@MapDeclare{iso-8859-15}{BD}{0153}% LATIN SMALL LIGATURE OE  
 2719 \SE@MapDeclare{iso-8859-15}{BE}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 2720 \SE@MapDeclare{iso-8859-15}{BF}{00BF}% INVERTED QUESTION MARK  
 2721 \SE@MapDeclare{iso-8859-15}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2722 \SE@MapDeclare{iso-8859-15}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2723 \SE@MapDeclare{iso-8859-15}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2724 \SE@MapDeclare{iso-8859-15}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2725 \SE@MapDeclare{iso-8859-15}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2726 \SE@MapDeclare{iso-8859-15}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2727 \SE@MapDeclare{iso-8859-15}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2728 \SE@MapDeclare{iso-8859-15}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2729 \SE@MapDeclare{iso-8859-15}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2730 \SE@MapDeclare{iso-8859-15}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2731 \SE@MapDeclare{iso-8859-15}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2732 \SE@MapDeclare{iso-8859-15}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2733 \SE@MapDeclare{iso-8859-15}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2734 \SE@MapDeclare{iso-8859-15}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2735 \SE@MapDeclare{iso-8859-15}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2736 \SE@MapDeclare{iso-8859-15}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2737 \SE@MapDeclare{iso-8859-15}{D0}{00D0}% LATIN CAPITAL LETTER ETH  
 2738 \SE@MapDeclare{iso-8859-15}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2739 \SE@MapDeclare{iso-8859-15}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2740 \SE@MapDeclare{iso-8859-15}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2741 \SE@MapDeclare{iso-8859-15}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2742 \SE@MapDeclare{iso-8859-15}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2743 \SE@MapDeclare{iso-8859-15}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2744 \SE@MapDeclare{iso-8859-15}{D7}{00D7}% MULTIPLICATION SIGN  
 2745 \SE@MapDeclare{iso-8859-15}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2746 \SE@MapDeclare{iso-8859-15}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2747 \SE@MapDeclare{iso-8859-15}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2748 \SE@MapDeclare{iso-8859-15}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX

2749 \SE@MapDeclare{iso-8859-15}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2750 \SE@MapDeclare{iso-8859-15}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 2751 \SE@MapDeclare{iso-8859-15}{DE}{00DE}% LATIN CAPITAL LETTER THORN  
 2752 \SE@MapDeclare{iso-8859-15}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2753 \SE@MapDeclare{iso-8859-15}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 2754 \SE@MapDeclare{iso-8859-15}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2755 \SE@MapDeclare{iso-8859-15}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2756 \SE@MapDeclare{iso-8859-15}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2757 \SE@MapDeclare{iso-8859-15}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2758 \SE@MapDeclare{iso-8859-15}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2759 \SE@MapDeclare{iso-8859-15}{E6}{00E6}% LATIN SMALL LETTER AE  
 2760 \SE@MapDeclare{iso-8859-15}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 2761 \SE@MapDeclare{iso-8859-15}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 2762 \SE@MapDeclare{iso-8859-15}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2763 \SE@MapDeclare{iso-8859-15}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 2764 \SE@MapDeclare{iso-8859-15}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2765 \SE@MapDeclare{iso-8859-15}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 2766 \SE@MapDeclare{iso-8859-15}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2767 \SE@MapDeclare{iso-8859-15}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2768 \SE@MapDeclare{iso-8859-15}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2769 \SE@MapDeclare{iso-8859-15}{F0}{00F0}% LATIN SMALL LETTER ETH  
 2770 \SE@MapDeclare{iso-8859-15}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 2771 \SE@MapDeclare{iso-8859-15}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 2772 \SE@MapDeclare{iso-8859-15}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2773 \SE@MapDeclare{iso-8859-15}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2774 \SE@MapDeclare{iso-8859-15}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2775 \SE@MapDeclare{iso-8859-15}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2776 \SE@MapDeclare{iso-8859-15}{F7}{00F7}% DIVISION SIGN  
 2777 \SE@MapDeclare{iso-8859-15}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2778 \SE@MapDeclare{iso-8859-15}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2779 \SE@MapDeclare{iso-8859-15}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2780 \SE@MapDeclare{iso-8859-15}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2781 \SE@MapDeclare{iso-8859-15}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2782 \SE@MapDeclare{iso-8859-15}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2783 \SE@MapDeclare{iso-8859-15}{FE}{00FE}% LATIN SMALL LETTER THORN  
 2784 \SE@MapDeclare{iso-8859-15}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2785 </iso-8859-15>

## iso-8859-16

2786 <\*iso-8859-16>  
 2787 \SE@MapDeclare{iso-8859-16}{A0}{00A0}% NO-BREAK SPACE  
 2788 \SE@MapDeclare{iso-8859-16}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2789 \SE@MapDeclare{iso-8859-16}{A2}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2790 \SE@MapDeclare{iso-8859-16}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 2791 \SE@MapDeclare{iso-8859-16}{A4}{20AC}% EURO SIGN  
 2792 \SE@MapDeclare{iso-8859-16}{A5}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 2793 \SE@MapDeclare{iso-8859-16}{A6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2794 \SE@MapDeclare{iso-8859-16}{A7}{00A7}% SECTION SIGN  
 2795 \SE@MapDeclare{iso-8859-16}{A8}{0161}% LATIN SMALL LETTER S WITH CARON  
 2796 \SE@MapDeclare{iso-8859-16}{A9}{00A9}% COPYRIGHT SIGN  
 2797 \SE@MapDeclare{iso-8859-16}{AA}{0218}% LATIN CAPITAL LETTER S WITH COMMA BELOW  
 2798 \SE@MapDeclare{iso-8859-16}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2799 \SE@MapDeclare{iso-8859-16}{AC}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 2800 \SE@MapDeclare{iso-8859-16}{AD}{00AD}% SOFT HYPHEN  
 2801 \SE@MapDeclare{iso-8859-16}{AE}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 2802 \SE@MapDeclare{iso-8859-16}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 2803 \SE@MapDeclare{iso-8859-16}{B0}{00B0}% DEGREE SIGN  
 2804 \SE@MapDeclare{iso-8859-16}{B1}{00B1}% PLUS-MINUS SIGN  
 2805 \SE@MapDeclare{iso-8859-16}{B2}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2806 \SE@MapDeclare{iso-8859-16}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
 2807 \SE@MapDeclare{iso-8859-16}{B4}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2808 \SE@MapDeclare{iso-8859-16}{B5}{201D}% RIGHT DOUBLE QUOTATION MARK  
 2809 \SE@MapDeclare{iso-8859-16}{B6}{00B6}% PILCROW SIGN  
 2810 \SE@MapDeclare{iso-8859-16}{B7}{00B7}% MIDDLE DOT  
 2811 \SE@MapDeclare{iso-8859-16}{B8}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2812 \SE@MapDeclare{iso-8859-16}{B9}{010D}% LATIN SMALL LETTER C WITH CARON  
 2813 \SE@MapDeclare{iso-8859-16}{BA}{0219}% LATIN SMALL LETTER S WITH COMMA BELOW  
 2814 \SE@MapDeclare{iso-8859-16}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2815 \SE@MapDeclare{iso-8859-16}{BC}{0152}% LATIN CAPITAL LIGATURE OE  
 2816 \SE@MapDeclare{iso-8859-16}{BD}{0153}% LATIN SMALL LIGATURE OE  
 2817 \SE@MapDeclare{iso-8859-16}{BE}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 2818 \SE@MapDeclare{iso-8859-16}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 2819 \SE@MapDeclare{iso-8859-16}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2820 \SE@MapDeclare{iso-8859-16}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2821 \SE@MapDeclare{iso-8859-16}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2822 \SE@MapDeclare{iso-8859-16}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 2823 \SE@MapDeclare{iso-8859-16}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2824 \SE@MapDeclare{iso-8859-16}{C5}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 2825 \SE@MapDeclare{iso-8859-16}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2826 \SE@MapDeclare{iso-8859-16}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2827 \SE@MapDeclare{iso-8859-16}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2828 \SE@MapDeclare{iso-8859-16}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2829 \SE@MapDeclare{iso-8859-16}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2830 \SE@MapDeclare{iso-8859-16}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS

2831 \SE@MapDeclare{iso-8859-16}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
2832 \SE@MapDeclare{iso-8859-16}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
2833 \SE@MapDeclare{iso-8859-16}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
2834 \SE@MapDeclare{iso-8859-16}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
2835 \SE@MapDeclare{iso-8859-16}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
2836 \SE@MapDeclare{iso-8859-16}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
2837 \SE@MapDeclare{iso-8859-16}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
2838 \SE@MapDeclare{iso-8859-16}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
2839 \SE@MapDeclare{iso-8859-16}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
2840 \SE@MapDeclare{iso-8859-16}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
2841 \SE@MapDeclare{iso-8859-16}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
2842 \SE@MapDeclare{iso-8859-16}{D7}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
2843 \SE@MapDeclare{iso-8859-16}{D8}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
2844 \SE@MapDeclare{iso-8859-16}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
2845 \SE@MapDeclare{iso-8859-16}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
2846 \SE@MapDeclare{iso-8859-16}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2847 \SE@MapDeclare{iso-8859-16}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2848 \SE@MapDeclare{iso-8859-16}{DD}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
2849 \SE@MapDeclare{iso-8859-16}{DE}{021A}% LATIN CAPITAL LETTER T WITH COMMA BELOW  
2850 \SE@MapDeclare{iso-8859-16}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
2851 \SE@MapDeclare{iso-8859-16}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
2852 \SE@MapDeclare{iso-8859-16}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2853 \SE@MapDeclare{iso-8859-16}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2854 \SE@MapDeclare{iso-8859-16}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
2855 \SE@MapDeclare{iso-8859-16}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2856 \SE@MapDeclare{iso-8859-16}{E5}{0107}% LATIN SMALL LETTER C WITH ACUTE  
2857 \SE@MapDeclare{iso-8859-16}{E6}{00E6}% LATIN SMALL LETTER AE  
2858 \SE@MapDeclare{iso-8859-16}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
2859 \SE@MapDeclare{iso-8859-16}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
2860 \SE@MapDeclare{iso-8859-16}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
2861 \SE@MapDeclare{iso-8859-16}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
2862 \SE@MapDeclare{iso-8859-16}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
2863 \SE@MapDeclare{iso-8859-16}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
2864 \SE@MapDeclare{iso-8859-16}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
2865 \SE@MapDeclare{iso-8859-16}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
2866 \SE@MapDeclare{iso-8859-16}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
2867 \SE@MapDeclare{iso-8859-16}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
2868 \SE@MapDeclare{iso-8859-16}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
2869 \SE@MapDeclare{iso-8859-16}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
2870 \SE@MapDeclare{iso-8859-16}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
2871 \SE@MapDeclare{iso-8859-16}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
2872 \SE@MapDeclare{iso-8859-16}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
2873 \SE@MapDeclare{iso-8859-16}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
2874 \SE@MapDeclare{iso-8859-16}{F7}{015B}% LATIN SMALL LETTER S WITH ACUTE  
2875 \SE@MapDeclare{iso-8859-16}{F8}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
2876 \SE@MapDeclare{iso-8859-16}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
2877 \SE@MapDeclare{iso-8859-16}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
2878 \SE@MapDeclare{iso-8859-16}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
2879 \SE@MapDeclare{iso-8859-16}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
2880 \SE@MapDeclare{iso-8859-16}{FD}{0119}% LATIN SMALL LETTER E WITH OGONEK  
2881 \SE@MapDeclare{iso-8859-16}{FE}{021B}% LATIN SMALL LETTER T WITH COMMA BELOW  
2882 \SE@MapDeclare{iso-8859-16}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
2883 </iso – 8859 – 16>

## koi8-r

2884 <\*koi8 – r>  
2885 \SE@MapDeclare{koi8-r}{80}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
2886 \SE@MapDeclare{koi8-r}{81}{2502}% BOX DRAWINGS LIGHT VERTICAL  
2887 \SE@MapDeclare{koi8-r}{82}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
2888 \SE@MapDeclare{koi8-r}{83}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
2889 \SE@MapDeclare{koi8-r}{84}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
2890 \SE@MapDeclare{koi8-r}{85}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
2891 \SE@MapDeclare{koi8-r}{86}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
2892 \SE@MapDeclare{koi8-r}{87}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
2893 \SE@MapDeclare{koi8-r}{88}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
2894 \SE@MapDeclare{koi8-r}{89}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
2895 \SE@MapDeclare{koi8-r}{8A}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
2896 \SE@MapDeclare{koi8-r}{8B}{2580}% UPPER HALF BLOCK  
2897 \SE@MapDeclare{koi8-r}{8C}{2584}% LOWER HALF BLOCK  
2898 \SE@MapDeclare{koi8-r}{8D}{2588}% FULL BLOCK  
2899 \SE@MapDeclare{koi8-r}{8E}{258C}% LEFT HALF BLOCK  
2900 \SE@MapDeclare{koi8-r}{8F}{2590}% RIGHT HALF BLOCK  
2901 \SE@MapDeclare{koi8-r}{90}{2591}% LIGHT SHADE  
2902 \SE@MapDeclare{koi8-r}{91}{2592}% MEDIUM SHADE  
2903 \SE@MapDeclare{koi8-r}{92}{2593}% DARK SHADE  
2904 \SE@MapDeclare{koi8-r}{93}{2320}% TOP HALF INTEGRAL  
2905 \SE@MapDeclare{koi8-r}{94}{25A0}% BLACK SQUARE  
2906 \SE@MapDeclare{koi8-r}{95}{2219}% BULLET OPERATOR  
2907 \SE@MapDeclare{koi8-r}{96}{221A}% SQUARE ROOT  
2908 \SE@MapDeclare{koi8-r}{97}{2248}% ALMOST EQUAL TO  
2909 \SE@MapDeclare{koi8-r}{98}{2264}% LESS-THAN OR EQUAL TO  
2910 \SE@MapDeclare{koi8-r}{99}{2265}% GREATER-THAN OR EQUAL TO  
2911 \SE@MapDeclare{koi8-r}{9A}{00A0}% NO-BREAK SPACE  
2912 \SE@MapDeclare{koi8-r}{9B}{2321}% BOTTOM HALF INTEGRAL

2913 \SE@MapDeclare{koi8-r}{9C}{00B0}% DEGREE SIGN  
 2914 \SE@MapDeclare{koi8-r}{9D}{00B2}% SUPERScript TWO  
 2915 \SE@MapDeclare{koi8-r}{9E}{00B7}% MIDDLE DOT  
 2916 \SE@MapDeclare{koi8-r}{9F}{00F7}% DIVISION SIGN  
 2917 \SE@MapDeclare{koi8-r}{A0}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 2918 \SE@MapDeclare{koi8-r}{A1}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 2919 \SE@MapDeclare{koi8-r}{A2}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 2920 \SE@MapDeclare{koi8-r}{A3}{0451}% CYRILLIC SMALL LETTER IO  
 2921 \SE@MapDeclare{koi8-r}{A4}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 2922 \SE@MapDeclare{koi8-r}{A5}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 2923 \SE@MapDeclare{koi8-r}{A6}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 2924 \SE@MapDeclare{koi8-r}{A7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 2925 \SE@MapDeclare{koi8-r}{A8}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 2926 \SE@MapDeclare{koi8-r}{A9}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 2927 \SE@MapDeclare{koi8-r}{AA}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 2928 \SE@MapDeclare{koi8-r}{AB}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 2929 \SE@MapDeclare{koi8-r}{AC}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 2930 \SE@MapDeclare{koi8-r}{AD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 2931 \SE@MapDeclare{koi8-r}{AE}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 2932 \SE@MapDeclare{koi8-r}{AF}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 2933 \SE@MapDeclare{koi8-r}{B0}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 2934 \SE@MapDeclare{koi8-r}{B1}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 2935 \SE@MapDeclare{koi8-r}{B2}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 2936 \SE@MapDeclare{koi8-r}{B3}{0401}% CYRILLIC CAPITAL LETTER IO  
 2937 \SE@MapDeclare{koi8-r}{B4}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 2938 \SE@MapDeclare{koi8-r}{B5}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 2939 \SE@MapDeclare{koi8-r}{B6}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 2940 \SE@MapDeclare{koi8-r}{B7}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 2941 \SE@MapDeclare{koi8-r}{B8}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 2942 \SE@MapDeclare{koi8-r}{B9}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 2943 \SE@MapDeclare{koi8-r}{BA}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 2944 \SE@MapDeclare{koi8-r}{BB}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 2945 \SE@MapDeclare{koi8-r}{BC}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 2946 \SE@MapDeclare{koi8-r}{BD}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 2947 \SE@MapDeclare{koi8-r}{BE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 2948 \SE@MapDeclare{koi8-r}{BF}{00A9}% COPYRIGHT SIGN  
 2949 \SE@MapDeclare{koi8-r}{C0}{044E}% CYRILLIC SMALL LETTER YU  
 2950 \SE@MapDeclare{koi8-r}{C1}{0430}% CYRILLIC SMALL LETTER A  
 2951 \SE@MapDeclare{koi8-r}{C2}{0431}% CYRILLIC SMALL LETTER BE  
 2952 \SE@MapDeclare{koi8-r}{C3}{0446}% CYRILLIC SMALL LETTER TSE  
 2953 \SE@MapDeclare{koi8-r}{C4}{0434}% CYRILLIC SMALL LETTER DE  
 2954 \SE@MapDeclare{koi8-r}{C5}{0435}% CYRILLIC SMALL LETTER IE  
 2955 \SE@MapDeclare{koi8-r}{C6}{0444}% CYRILLIC SMALL LETTER EF  
 2956 \SE@MapDeclare{koi8-r}{C7}{0433}% CYRILLIC SMALL LETTER GHE  
 2957 \SE@MapDeclare{koi8-r}{C8}{0445}% CYRILLIC SMALL LETTER HA  
 2958 \SE@MapDeclare{koi8-r}{C9}{0438}% CYRILLIC SMALL LETTER I  
 2959 \SE@MapDeclare{koi8-r}{CA}{0439}% CYRILLIC SMALL LETTER SHORT I  
 2960 \SE@MapDeclare{koi8-r}{CB}{043A}% CYRILLIC SMALL LETTER KA  
 2961 \SE@MapDeclare{koi8-r}{CC}{043B}% CYRILLIC SMALL LETTER EL  
 2962 \SE@MapDeclare{koi8-r}{CD}{043C}% CYRILLIC SMALL LETTER EM  
 2963 \SE@MapDeclare{koi8-r}{CE}{043D}% CYRILLIC SMALL LETTER EN  
 2964 \SE@MapDeclare{koi8-r}{CF}{043E}% CYRILLIC SMALL LETTER O  
 2965 \SE@MapDeclare{koi8-r}{D0}{043F}% CYRILLIC SMALL LETTER PE  
 2966 \SE@MapDeclare{koi8-r}{D1}{044F}% CYRILLIC SMALL LETTER YA  
 2967 \SE@MapDeclare{koi8-r}{D2}{0440}% CYRILLIC SMALL LETTER ER  
 2968 \SE@MapDeclare{koi8-r}{D3}{0441}% CYRILLIC SMALL LETTER ES  
 2969 \SE@MapDeclare{koi8-r}{D4}{0442}% CYRILLIC SMALL LETTER TE  
 2970 \SE@MapDeclare{koi8-r}{D5}{0443}% CYRILLIC SMALL LETTER U  
 2971 \SE@MapDeclare{koi8-r}{D6}{0436}% CYRILLIC SMALL LETTER ZHE  
 2972 \SE@MapDeclare{koi8-r}{D7}{0432}% CYRILLIC SMALL LETTER VE  
 2973 \SE@MapDeclare{koi8-r}{D8}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 2974 \SE@MapDeclare{koi8-r}{D9}{044B}% CYRILLIC SMALL LETTER YERU  
 2975 \SE@MapDeclare{koi8-r}{DA}{0437}% CYRILLIC SMALL LETTER ZE  
 2976 \SE@MapDeclare{koi8-r}{DB}{0448}% CYRILLIC SMALL LETTER SHA  
 2977 \SE@MapDeclare{koi8-r}{DC}{044D}% CYRILLIC SMALL LETTER E  
 2978 \SE@MapDeclare{koi8-r}{DD}{0449}% CYRILLIC SMALL LETTER SHCHA  
 2979 \SE@MapDeclare{koi8-r}{DE}{0447}% CYRILLIC SMALL LETTER CHE  
 2980 \SE@MapDeclare{koi8-r}{DF}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 2981 \SE@MapDeclare{koi8-r}{E0}{042E}% CYRILLIC CAPITAL LETTER YU  
 2982 \SE@MapDeclare{koi8-r}{E1}{0410}% CYRILLIC CAPITAL LETTER A  
 2983 \SE@MapDeclare{koi8-r}{E2}{0411}% CYRILLIC CAPITAL LETTER BE  
 2984 \SE@MapDeclare{koi8-r}{E3}{0426}% CYRILLIC CAPITAL LETTER TSE  
 2985 \SE@MapDeclare{koi8-r}{E4}{0414}% CYRILLIC CAPITAL LETTER DE  
 2986 \SE@MapDeclare{koi8-r}{E5}{0415}% CYRILLIC CAPITAL LETTER IE  
 2987 \SE@MapDeclare{koi8-r}{E6}{0424}% CYRILLIC CAPITAL LETTER EF  
 2988 \SE@MapDeclare{koi8-r}{E7}{0413}% CYRILLIC CAPITAL LETTER GHE  
 2989 \SE@MapDeclare{koi8-r}{E8}{0425}% CYRILLIC CAPITAL LETTER HA  
 2990 \SE@MapDeclare{koi8-r}{E9}{0418}% CYRILLIC CAPITAL LETTER I  
 2991 \SE@MapDeclare{koi8-r}{EA}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 2992 \SE@MapDeclare{koi8-r}{EB}{041A}% CYRILLIC CAPITAL LETTER KA  
 2993 \SE@MapDeclare{koi8-r}{EC}{041B}% CYRILLIC CAPITAL LETTER EL  
 2994 \SE@MapDeclare{koi8-r}{ED}{041C}% CYRILLIC CAPITAL LETTER EM  
 2995 \SE@MapDeclare{koi8-r}{EE}{041D}% CYRILLIC CAPITAL LETTER EN  
 2996 \SE@MapDeclare{koi8-r}{EF}{041E}% CYRILLIC CAPITAL LETTER O  
 2997 \SE@MapDeclare{koi8-r}{F0}{041F}% CYRILLIC CAPITAL LETTER PE  
 2998 \SE@MapDeclare{koi8-r}{F1}{042F}% CYRILLIC CAPITAL LETTER YA

2999 \SE@MapDeclare{koi8-r}{F2}{0420}% CYRILLIC CAPITAL LETTER ER  
 3000 \SE@MapDeclare{koi8-r}{F3}{0421}% CYRILLIC CAPITAL LETTER ES  
 3001 \SE@MapDeclare{koi8-r}{F4}{0422}% CYRILLIC CAPITAL LETTER TE  
 3002 \SE@MapDeclare{koi8-r}{F5}{0423}% CYRILLIC CAPITAL LETTER U  
 3003 \SE@MapDeclare{koi8-r}{F6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 3004 \SE@MapDeclare{koi8-r}{F7}{0412}% CYRILLIC CAPITAL LETTER VE  
 3005 \SE@MapDeclare{koi8-r}{F8}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 3006 \SE@MapDeclare{koi8-r}{F9}{042B}% CYRILLIC CAPITAL LETTER YERU  
 3007 \SE@MapDeclare{koi8-r}{FA}{0417}% CYRILLIC CAPITAL LETTER ZE  
 3008 \SE@MapDeclare{koi8-r}{FB}{0428}% CYRILLIC CAPITAL LETTER SHA  
 3009 \SE@MapDeclare{koi8-r}{FC}{042D}% CYRILLIC CAPITAL LETTER E  
 3010 \SE@MapDeclare{koi8-r}{FD}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 3011 \SE@MapDeclare{koi8-r}{FE}{0427}% CYRILLIC CAPITAL LETTER CHE  
 3012 \SE@MapDeclare{koi8-r}{FF}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 3013 </koi8 - r>

## nextstep

3014 <\*nextstep>  
 3015 \SE@MapDeclare{nextstep}{80}{00A0}% NO-BREAK SPACE  
 3016 \SE@MapDeclare{nextstep}{81}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3017 \SE@MapDeclare{nextstep}{82}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3018 \SE@MapDeclare{nextstep}{83}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3019 \SE@MapDeclare{nextstep}{84}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3020 \SE@MapDeclare{nextstep}{85}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3021 \SE@MapDeclare{nextstep}{86}{00C5}% LATIN CAPITAL LETTER A WITH RING  
 3022 \SE@MapDeclare{nextstep}{87}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3023 \SE@MapDeclare{nextstep}{88}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 3024 \SE@MapDeclare{nextstep}{89}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3025 \SE@MapDeclare{nextstep}{8A}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3026 \SE@MapDeclare{nextstep}{8B}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3027 \SE@MapDeclare{nextstep}{8C}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 3028 \SE@MapDeclare{nextstep}{8D}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3029 \SE@MapDeclare{nextstep}{8E}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3030 \SE@MapDeclare{nextstep}{8F}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 3031 \SE@MapDeclare{nextstep}{90}{00D0}% LATIN CAPITAL LETTER ETH  
 3032 \SE@MapDeclare{nextstep}{91}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3033 \SE@MapDeclare{nextstep}{92}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 3034 \SE@MapDeclare{nextstep}{93}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3035 \SE@MapDeclare{nextstep}{94}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3036 \SE@MapDeclare{nextstep}{95}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3037 \SE@MapDeclare{nextstep}{96}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3038 \SE@MapDeclare{nextstep}{97}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 3039 \SE@MapDeclare{nextstep}{98}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3040 \SE@MapDeclare{nextstep}{99}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3041 \SE@MapDeclare{nextstep}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3042 \SE@MapDeclare{nextstep}{9B}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 3043 \SE@MapDeclare{nextstep}{9C}{00DE}% LATIN CAPITAL LETTER THORN  
 3044 \SE@MapDeclare{nextstep}{9D}{00B5}% MICRO SIGN  
 3045 \SE@MapDeclare{nextstep}{9E}{00D7}% MULTIPLICATION SIGN  
 3046 \SE@MapDeclare{nextstep}{9F}{00F7}% DIVISION SIGN  
 3047 \SE@MapDeclare{nextstep}{A0}{00A9}% COPYRIGHT SIGN  
 3048 \SE@MapDeclare{nextstep}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 3049 \SE@MapDeclare{nextstep}{A2}{00A2}% CENT SIGN  
 3050 \SE@MapDeclare{nextstep}{A3}{00A3}% POUND SIGN  
 3051 \SE@MapDeclare{nextstep}{A4}{2044}% FRACTION SLASH  
 3052 \SE@MapDeclare{nextstep}{A5}{00A5}% YEN SIGN  
 3053 \SE@MapDeclare{nextstep}{A6}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3054 \SE@MapDeclare{nextstep}{A7}{00A7}% SECTION SIGN  
 3055 \SE@MapDeclare{nextstep}{A8}{00A4}% CURRENCY SIGN  
 3056 \SE@MapDeclare{nextstep}{A9}{2019}% RIGHT SINGLE QUOTATION MARK  
 3057 \SE@MapDeclare{nextstep}{AA}{201C}% LEFT DOUBLE QUOTATION MARK  
 3058 \SE@MapDeclare{nextstep}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3059 \SE@MapDeclare{nextstep}{AC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3060 \SE@MapDeclare{nextstep}{AD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3061 \SE@MapDeclare{nextstep}{AE}{FB01}% LATIN SMALL LIGATURE FI  
 3062 \SE@MapDeclare{nextstep}{AF}{FB02}% LATIN SMALL LIGATURE FL  
 3063 \SE@MapDeclare{nextstep}{B0}{00AE}% REGISTERED SIGN  
 3064 \SE@MapDeclare{nextstep}{B1}{2013}% EN DASH  
 3065 \SE@MapDeclare{nextstep}{B2}{2020}% DAGGER  
 3066 \SE@MapDeclare{nextstep}{B3}{2021}% DOUBLE DAGGER  
 3067 \SE@MapDeclare{nextstep}{B4}{00B7}% MIDDLE DOT  
 3068 \SE@MapDeclare{nextstep}{B5}{00A6}% BROKEN BAR  
 3069 \SE@MapDeclare{nextstep}{B6}{00B6}% PILCROW SIGN  
 3070 \SE@MapDeclare{nextstep}{B7}{2022}% BULLET  
 3071 \SE@MapDeclare{nextstep}{B8}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3072 \SE@MapDeclare{nextstep}{B9}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3073 \SE@MapDeclare{nextstep}{BA}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3074 \SE@MapDeclare{nextstep}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3075 \SE@MapDeclare{nextstep}{BC}{2026}% HORIZONTAL ELLIPSIS  
 3076 \SE@MapDeclare{nextstep}{BD}{2030}% PER MILLE SIGN  
 3077 \SE@MapDeclare{nextstep}{BE}{00AC}% NOT SIGN  
 3078 \SE@MapDeclare{nextstep}{BF}{00BF}% INVERTED QUESTION MARK  
 3079 \SE@MapDeclare{nextstep}{C0}{00B9}% SUPERScript ONE  
 3080 \SE@MapDeclare{nextstep}{C1}{02CB}% MODIFIER LETTER GRAVE ACCENT

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3081 \SE@MapDeclare{nextstep}{C2}{00B4}% ACUTE ACCENT
3082 \SE@MapDeclare{nextstep}{C3}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT
3083 \SE@MapDeclare{nextstep}{C4}{02DC}% SMALL TILDE
3084 \SE@MapDeclare{nextstep}{C5}{00AF}% MACRON
3085 \SE@MapDeclare{nextstep}{C6}{02D8}% BREVE
3086 \SE@MapDeclare{nextstep}{C7}{02D9}% DOT ABOVE
3087 \SE@MapDeclare{nextstep}{C8}{00A8}% DIAERESIS
3088 \SE@MapDeclare{nextstep}{C9}{00B2}% SUPERScript TWO
3089 \SE@MapDeclare{nextstep}{CA}{02DA}% RING ABOVE
3090 \SE@MapDeclare{nextstep}{CB}{00B8}% CEDILLA
3091 \SE@MapDeclare{nextstep}{CC}{00B3}% SUPERScript THREE
3092 \SE@MapDeclare{nextstep}{CD}{02DD}% DOUBLE ACUTE ACCENT
3093 \SE@MapDeclare{nextstep}{CE}{02DB}% OGONEK
3094 \SE@MapDeclare{nextstep}{CF}{02C7}% CARON
3095 \SE@MapDeclare{nextstep}{D0}{2014}% EM DASH
3096 \SE@MapDeclare{nextstep}{D1}{00B1}% PLUS-MINUS SIGN
3097 \SE@MapDeclare{nextstep}{D2}{00BC}% VULGAR FRACTION ONE QUARTER
3098 \SE@MapDeclare{nextstep}{D3}{00BD}% VULGAR FRACTION ONE HALF
3099 \SE@MapDeclare{nextstep}{D4}{00BE}% VULGAR FRACTION THREE QUARTERS
3100 \SE@MapDeclare{nextstep}{D5}{00E0}% LATIN SMALL LETTER A WITH GRAVE
3101 \SE@MapDeclare{nextstep}{D6}{00E1}% LATIN SMALL LETTER A WITH ACUTE
3102 \SE@MapDeclare{nextstep}{D7}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX
3103 \SE@MapDeclare{nextstep}{D8}{00E3}% LATIN SMALL LETTER A WITH TILDE
3104 \SE@MapDeclare{nextstep}{D9}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS
3105 \SE@MapDeclare{nextstep}{DA}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE
3106 \SE@MapDeclare{nextstep}{DB}{00E7}% LATIN SMALL LETTER C WITH CEDILLA
3107 \SE@MapDeclare{nextstep}{DC}{00E8}% LATIN SMALL LETTER E WITH GRAVE
3108 \SE@MapDeclare{nextstep}{DD}{00E9}% LATIN SMALL LETTER E WITH ACUTE
3109 \SE@MapDeclare{nextstep}{DE}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX
3110 \SE@MapDeclare{nextstep}{DF}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS
3111 \SE@MapDeclare{nextstep}{E0}{00EC}% LATIN SMALL LETTER I WITH GRAVE
3112 \SE@MapDeclare{nextstep}{E1}{00C6}% LATIN CAPITAL LETTER AE
3113 \SE@MapDeclare{nextstep}{E2}{00ED}% LATIN SMALL LETTER I WITH ACUTE
3114 \SE@MapDeclare{nextstep}{E3}{00AA}% FEMININE ORDINAL INDICATOR
3115 \SE@MapDeclare{nextstep}{E4}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX
3116 \SE@MapDeclare{nextstep}{E5}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS
3117 \SE@MapDeclare{nextstep}{E6}{00F0}% LATIN SMALL LETTER ETH
3118 \SE@MapDeclare{nextstep}{E7}{00F1}% LATIN SMALL LETTER N WITH TILDE
3119 \SE@MapDeclare{nextstep}{E8}{0141}% LATIN CAPITAL LETTER L WITH STROKE
3120 \SE@MapDeclare{nextstep}{E9}{00D8}% LATIN CAPITAL LETTER O WITH STROKE
3121 \SE@MapDeclare{nextstep}{EA}{0152}% LATIN CAPITAL LIGATURE OE
3122 \SE@MapDeclare{nextstep}{EB}{00BA}% MASCULINE ORDINAL INDICATOR
3123 \SE@MapDeclare{nextstep}{EC}{00F2}% LATIN SMALL LETTER O WITH GRAVE
3124 \SE@MapDeclare{nextstep}{ED}{00F3}% LATIN SMALL LETTER O WITH ACUTE
3125 \SE@MapDeclare{nextstep}{EE}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX
3126 \SE@MapDeclare{nextstep}{EF}{00F5}% LATIN SMALL LETTER O WITH TILDE
3127 \SE@MapDeclare{nextstep}{F0}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS
3128 \SE@MapDeclare{nextstep}{F1}{00E6}% LATIN SMALL LETTER AE
3129 \SE@MapDeclare{nextstep}{F2}{00F9}% LATIN SMALL LETTER U WITH GRAVE
3130 \SE@MapDeclare{nextstep}{F3}{00FA}% LATIN SMALL LETTER U WITH ACUTE
3131 \SE@MapDeclare{nextstep}{F4}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX
3132 \SE@MapDeclare{nextstep}{F5}{0131}% LATIN SMALL LETTER DOTLESS I
3133 \SE@MapDeclare{nextstep}{F6}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS
3134 \SE@MapDeclare{nextstep}{F7}{00FD}% LATIN SMALL LETTER Y WITH ACUTE
3135 \SE@MapDeclare{nextstep}{F8}{0142}% LATIN SMALL LETTER L WITH STROKE
3136 \SE@MapDeclare{nextstep}{F9}{00F8}% LATIN SMALL LETTER O WITH STROKE
3137 \SE@MapDeclare{nextstep}{FA}{0153}% LATIN SMALL LIGATURE OE
3138 \SE@MapDeclare{nextstep}{FB}{00DF}% LATIN SMALL LETTER SHARP S
3139 \SE@MapDeclare{nextstep}{FC}{00FE}% LATIN SMALL LETTER THORN
3140 \SE@MapDeclare{nextstep}{FD}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS
3141 </nextstep>

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## mac-centeuro

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3142 <*mac — centeuro>
3143 \SE@MapDeclare{mac-centeuro}{80}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS
3144 \SE@MapDeclare{mac-centeuro}{81}{0100}% LATIN CAPITAL LETTER A WITH MACRON
3145 \SE@MapDeclare{mac-centeuro}{82}{0101}% LATIN SMALL LETTER A WITH MACRON
3146 \SE@MapDeclare{mac-centeuro}{83}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE
3147 \SE@MapDeclare{mac-centeuro}{84}{0104}% LATIN CAPITAL LETTER A WITH OGONEK
3148 \SE@MapDeclare{mac-centeuro}{85}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS
3149 \SE@MapDeclare{mac-centeuro}{86}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS
3150 \SE@MapDeclare{mac-centeuro}{87}{00E1}% LATIN SMALL LETTER A WITH ACUTE
3151 \SE@MapDeclare{mac-centeuro}{88}{0105}% LATIN SMALL LETTER A WITH OGONEK
3152 \SE@MapDeclare{mac-centeuro}{89}{010C}% LATIN CAPITAL LETTER C WITH CARON
3153 \SE@MapDeclare{mac-centeuro}{8A}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS
3154 \SE@MapDeclare{mac-centeuro}{8B}{010D}% LATIN SMALL LETTER C WITH CARON
3155 \SE@MapDeclare{mac-centeuro}{8C}{0106}% LATIN CAPITAL LETTER C WITH ACUTE
3156 \SE@MapDeclare{mac-centeuro}{8D}{0107}% LATIN SMALL LETTER C WITH ACUTE
3157 \SE@MapDeclare{mac-centeuro}{8E}{00E9}% LATIN SMALL LETTER E WITH ACUTE
3158 \SE@MapDeclare{mac-centeuro}{8F}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE
3159 \SE@MapDeclare{mac-centeuro}{90}{017A}% LATIN SMALL LETTER Z WITH ACUTE
3160 \SE@MapDeclare{mac-centeuro}{91}{010E}% LATIN CAPITAL LETTER D WITH CARON
3161 \SE@MapDeclare{mac-centeuro}{92}{00ED}% LATIN SMALL LETTER I WITH ACUTE
3162 \SE@MapDeclare{mac-centeuro}{93}{010F}% LATIN SMALL LETTER D WITH CARON

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3163 \SE@MapDeclare{mac-centeuro}{94}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 3164 \SE@MapDeclare{mac-centeuro}{95}{0113}% LATIN SMALL LETTER E WITH MACRON  
 3165 \SE@MapDeclare{mac-centeuro}{96}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 3166 \SE@MapDeclare{mac-centeuro}{97}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3167 \SE@MapDeclare{mac-centeuro}{98}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 3168 \SE@MapDeclare{mac-centeuro}{99}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3169 \SE@MapDeclare{mac-centeuro}{9A}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3170 \SE@MapDeclare{mac-centeuro}{9B}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3171 \SE@MapDeclare{mac-centeuro}{9C}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3172 \SE@MapDeclare{mac-centeuro}{9D}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 3173 \SE@MapDeclare{mac-centeuro}{9E}{011B}% LATIN SMALL LETTER E WITH CARON  
 3174 \SE@MapDeclare{mac-centeuro}{9F}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3175 \SE@MapDeclare{mac-centeuro}{A0}{2020}% DAGGER  
 3176 \SE@MapDeclare{mac-centeuro}{A1}{00B0}% DEGREE SIGN  
 3177 \SE@MapDeclare{mac-centeuro}{A2}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 3178 \SE@MapDeclare{mac-centeuro}{A3}{00A3}% POUND SIGN  
 3179 \SE@MapDeclare{mac-centeuro}{A4}{00A7}% SECTION SIGN  
 3180 \SE@MapDeclare{mac-centeuro}{A5}{2022}% BULLET  
 3181 \SE@MapDeclare{mac-centeuro}{A6}{00B6}% PILCROW SIGN  
 3182 \SE@MapDeclare{mac-centeuro}{A7}{00DF}% LATIN SMALL LETTER SHARP S  
 3183 \SE@MapDeclare{mac-centeuro}{A8}{00AE}% REGISTERED SIGN  
 3184 \SE@MapDeclare{mac-centeuro}{A9}{00A9}% COPYRIGHT SIGN  
 3185 \SE@MapDeclare{mac-centeuro}{AA}{2122}% TRADE MARK SIGN  
 3186 \SE@MapDeclare{mac-centeuro}{AB}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 3187 \SE@MapDeclare{mac-centeuro}{AC}{00A8}% DIAERESIS  
 3188 \SE@MapDeclare{mac-centeuro}{AD}{2260}% NOT EQUAL TO  
 3189 \SE@MapDeclare{mac-centeuro}{AE}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 3190 \SE@MapDeclare{mac-centeuro}{AF}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 3191 \SE@MapDeclare{mac-centeuro}{B0}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 3192 \SE@MapDeclare{mac-centeuro}{B1}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 3193 \SE@MapDeclare{mac-centeuro}{B2}{2264}% LESS-THAN OR EQUAL TO  
 3194 \SE@MapDeclare{mac-centeuro}{B3}{2265}% GREATER-THAN OR EQUAL TO  
 3195 \SE@MapDeclare{mac-centeuro}{B4}{012B}% LATIN SMALL LETTER I WITH MACRON  
 3196 \SE@MapDeclare{mac-centeuro}{B5}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 3197 \SE@MapDeclare{mac-centeuro}{B6}{2202}% PARTIAL DIFFERENTIAL  
 3198 \SE@MapDeclare{mac-centeuro}{B7}{2211}% N-ARY SUMMATION  
 3199 \SE@MapDeclare{mac-centeuro}{B8}{0142}% LATIN SMALL LETTER L WITH STROKE  
 3200 \SE@MapDeclare{mac-centeuro}{B9}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 3201 \SE@MapDeclare{mac-centeuro}{BA}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 3202 \SE@MapDeclare{mac-centeuro}{BB}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 3203 \SE@MapDeclare{mac-centeuro}{BC}{013E}% LATIN SMALL LETTER L WITH CARON  
 3204 \SE@MapDeclare{mac-centeuro}{BD}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 3205 \SE@MapDeclare{mac-centeuro}{BE}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 3206 \SE@MapDeclare{mac-centeuro}{BF}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 3207 \SE@MapDeclare{mac-centeuro}{C0}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 3208 \SE@MapDeclare{mac-centeuro}{C1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 3209 \SE@MapDeclare{mac-centeuro}{C2}{00AC}% NOT SIGN  
 3210 \SE@MapDeclare{mac-centeuro}{C3}{221A}% SQUARE ROOT  
 3211 \SE@MapDeclare{mac-centeuro}{C4}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 3212 \SE@MapDeclare{mac-centeuro}{C5}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 3213 \SE@MapDeclare{mac-centeuro}{C6}{2206}% INCREMENT  
 3214 \SE@MapDeclare{mac-centeuro}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3215 \SE@MapDeclare{mac-centeuro}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3216 \SE@MapDeclare{mac-centeuro}{C9}{2026}% HORIZONTAL ELLIPSIS  
 3217 \SE@MapDeclare{mac-centeuro}{CA}{00A0}% NO-BREAK SPACE  
 3218 \SE@MapDeclare{mac-centeuro}{CB}{0148}% LATIN SMALL LETTER N WITH CARON  
 3219 \SE@MapDeclare{mac-centeuro}{CC}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 3220 \SE@MapDeclare{mac-centeuro}{CD}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3221 \SE@MapDeclare{mac-centeuro}{CE}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 3222 \SE@MapDeclare{mac-centeuro}{CF}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 3223 \SE@MapDeclare{mac-centeuro}{D0}{2013}% EN DASH  
 3224 \SE@MapDeclare{mac-centeuro}{D1}{2014}% EM DASH  
 3225 \SE@MapDeclare{mac-centeuro}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
 3226 \SE@MapDeclare{mac-centeuro}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3227 \SE@MapDeclare{mac-centeuro}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
 3228 \SE@MapDeclare{mac-centeuro}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
 3229 \SE@MapDeclare{mac-centeuro}{D6}{00F7}% DIVISION SIGN  
 3230 \SE@MapDeclare{mac-centeuro}{D7}{25CA}% LOZENGE  
 3231 \SE@MapDeclare{mac-centeuro}{D8}{014D}% LATIN SMALL LETTER O WITH MACRON  
 3232 \SE@MapDeclare{mac-centeuro}{D9}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 3233 \SE@MapDeclare{mac-centeuro}{DA}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 3234 \SE@MapDeclare{mac-centeuro}{DB}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 3235 \SE@MapDeclare{mac-centeuro}{DC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3236 \SE@MapDeclare{mac-centeuro}{DD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3237 \SE@MapDeclare{mac-centeuro}{DE}{0159}% LATIN SMALL LETTER R WITH CARON  
 3238 \SE@MapDeclare{mac-centeuro}{DF}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 3239 \SE@MapDeclare{mac-centeuro}{E0}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 3240 \SE@MapDeclare{mac-centeuro}{E1}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 3241 \SE@MapDeclare{mac-centeuro}{E2}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3242 \SE@MapDeclare{mac-centeuro}{E3}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3243 \SE@MapDeclare{mac-centeuro}{E4}{0161}% LATIN SMALL LETTER S WITH CARON  
 3244 \SE@MapDeclare{mac-centeuro}{E5}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 3245 \SE@MapDeclare{mac-centeuro}{E6}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 3246 \SE@MapDeclare{mac-centeuro}{E7}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3247 \SE@MapDeclare{mac-centeuro}{E8}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 3248 \SE@MapDeclare{mac-centeuro}{E9}{0165}% LATIN SMALL LETTER T WITH CARON

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3249 \SE@MapDeclare{mac-centeuro}{EA}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE
3250 \SE@MapDeclare{mac-centeuro}{EB}{017D}% LATIN CAPITAL LETTER Z WITH CARON
3251 \SE@MapDeclare{mac-centeuro}{EC}{017E}% LATIN SMALL LETTER Z WITH CARON
3252 \SE@MapDeclare{mac-centeuro}{ED}{016A}% LATIN CAPITAL LETTER U WITH MACRON
3253 \SE@MapDeclare{mac-centeuro}{EE}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
3254 \SE@MapDeclare{mac-centeuro}{EF}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX
3255 \SE@MapDeclare{mac-centeuro}{F0}{016B}% LATIN SMALL LETTER U WITH MACRON
3256 \SE@MapDeclare{mac-centeuro}{F1}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE
3257 \SE@MapDeclare{mac-centeuro}{F2}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE
3258 \SE@MapDeclare{mac-centeuro}{F3}{016F}% LATIN SMALL LETTER U WITH RING ABOVE
3259 \SE@MapDeclare{mac-centeuro}{F4}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE
3260 \SE@MapDeclare{mac-centeuro}{F5}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE
3261 \SE@MapDeclare{mac-centeuro}{F6}{0172}% LATIN CAPITAL LETTER U WITH OGONEK
3262 \SE@MapDeclare{mac-centeuro}{F7}{0173}% LATIN SMALL LETTER U WITH OGONEK
3263 \SE@MapDeclare{mac-centeuro}{F8}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE
3264 \SE@MapDeclare{mac-centeuro}{F9}{00FD}% LATIN SMALL LETTER Y WITH ACUTE
3265 \SE@MapDeclare{mac-centeuro}{FA}{0137}% LATIN SMALL LETTER K WITH CEDILLA
3266 \SE@MapDeclare{mac-centeuro}{FB}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE
3267 \SE@MapDeclare{mac-centeuro}{FC}{0141}% LATIN CAPITAL LETTER L WITH STROKE
3268 \SE@MapDeclare{mac-centeuro}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE
3269 \SE@MapDeclare{mac-centeuro}{FE}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA
3270 \SE@MapDeclare{mac-centeuro}{FF}{02C7}% CARON
3271 \SE@MapDeclare{mac-centeuro}{}{}%

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## mac-cyrillic

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3272 \SE@MapDeclare{mac-cyrillic}{}{}%
3273 \SE@MapDeclare{mac-cyrillic}{80}{0410}% CYRILLIC CAPITAL LETTER A
3274 \SE@MapDeclare{mac-cyrillic}{81}{0411}% CYRILLIC CAPITAL LETTER BE
3275 \SE@MapDeclare{mac-cyrillic}{82}{0412}% CYRILLIC CAPITAL LETTER VE
3276 \SE@MapDeclare{mac-cyrillic}{83}{0413}% CYRILLIC CAPITAL LETTER GHE
3277 \SE@MapDeclare{mac-cyrillic}{84}{0414}% CYRILLIC CAPITAL LETTER DE
3278 \SE@MapDeclare{mac-cyrillic}{85}{0415}% CYRILLIC CAPITAL LETTER IE
3279 \SE@MapDeclare{mac-cyrillic}{86}{0416}% CYRILLIC CAPITAL LETTER ZHE
3280 \SE@MapDeclare{mac-cyrillic}{87}{0417}% CYRILLIC CAPITAL LETTER ZE
3281 \SE@MapDeclare{mac-cyrillic}{88}{0418}% CYRILLIC CAPITAL LETTER I
3282 \SE@MapDeclare{mac-cyrillic}{89}{0419}% CYRILLIC CAPITAL LETTER SHORT I
3283 \SE@MapDeclare{mac-cyrillic}{8A}{041A}% CYRILLIC CAPITAL LETTER KA
3284 \SE@MapDeclare{mac-cyrillic}{8B}{041B}% CYRILLIC CAPITAL LETTER EL
3285 \SE@MapDeclare{mac-cyrillic}{8C}{041C}% CYRILLIC CAPITAL LETTER EM
3286 \SE@MapDeclare{mac-cyrillic}{8D}{041D}% CYRILLIC CAPITAL LETTER EN
3287 \SE@MapDeclare{mac-cyrillic}{8E}{041E}% CYRILLIC CAPITAL LETTER O
3288 \SE@MapDeclare{mac-cyrillic}{8F}{041F}% CYRILLIC CAPITAL LETTER PE
3289 \SE@MapDeclare{mac-cyrillic}{90}{0420}% CYRILLIC CAPITAL LETTER ER
3290 \SE@MapDeclare{mac-cyrillic}{91}{0421}% CYRILLIC CAPITAL LETTER ES
3291 \SE@MapDeclare{mac-cyrillic}{92}{0422}% CYRILLIC CAPITAL LETTER TE
3292 \SE@MapDeclare{mac-cyrillic}{93}{0423}% CYRILLIC CAPITAL LETTER U
3293 \SE@MapDeclare{mac-cyrillic}{94}{0424}% CYRILLIC CAPITAL LETTER EF
3294 \SE@MapDeclare{mac-cyrillic}{95}{0425}% CYRILLIC CAPITAL LETTER HA
3295 \SE@MapDeclare{mac-cyrillic}{96}{0426}% CYRILLIC CAPITAL LETTER TSE
3296 \SE@MapDeclare{mac-cyrillic}{97}{0427}% CYRILLIC CAPITAL LETTER CHE
3297 \SE@MapDeclare{mac-cyrillic}{98}{0428}% CYRILLIC CAPITAL LETTER SHA
3298 \SE@MapDeclare{mac-cyrillic}{99}{0429}% CYRILLIC CAPITAL LETTER SHCHA
3299 \SE@MapDeclare{mac-cyrillic}{9A}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN
3300 \SE@MapDeclare{mac-cyrillic}{9B}{042B}% CYRILLIC CAPITAL LETTER YERU
3301 \SE@MapDeclare{mac-cyrillic}{9C}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN
3302 \SE@MapDeclare{mac-cyrillic}{9D}{042D}% CYRILLIC CAPITAL LETTER E
3303 \SE@MapDeclare{mac-cyrillic}{9E}{042E}% CYRILLIC CAPITAL LETTER YU
3304 \SE@MapDeclare{mac-cyrillic}{9F}{042F}% CYRILLIC CAPITAL LETTER YA
3305 \SE@MapDeclare{mac-cyrillic}{A0}{2020}% DAGGER
3306 \SE@MapDeclare{mac-cyrillic}{A1}{00B0}% DEGREE SIGN
3307 \SE@MapDeclare{mac-cyrillic}{A2}{0490}% CYRILLIC CAPITAL LETTER GHE WITH UPTURN
3308 \SE@MapDeclare{mac-cyrillic}{A3}{00A3}% POUND SIGN
3309 \SE@MapDeclare{mac-cyrillic}{A4}{00A7}% SECTION SIGN
3310 \SE@MapDeclare{mac-cyrillic}{A5}{2022}% BULLET
3311 \SE@MapDeclare{mac-cyrillic}{A6}{00B6}% PILCROW SIGN
3312 \SE@MapDeclare{mac-cyrillic}{A7}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I
3313 \SE@MapDeclare{mac-cyrillic}{A8}{00AE}% REGISTERED SIGN
3314 \SE@MapDeclare{mac-cyrillic}{A9}{00A9}% COPYRIGHT SIGN
3315 \SE@MapDeclare{mac-cyrillic}{AA}{2122}% TRADE MARK SIGN
3316 \SE@MapDeclare{mac-cyrillic}{AB}{0402}% CYRILLIC CAPITAL LETTER DJE
3317 \SE@MapDeclare{mac-cyrillic}{AC}{0452}% CYRILLIC SMALL LETTER DJE
3318 \SE@MapDeclare{mac-cyrillic}{AD}{2260}% NOT EQUAL TO
3319 \SE@MapDeclare{mac-cyrillic}{AE}{0403}% CYRILLIC CAPITAL LETTER GJE
3320 \SE@MapDeclare{mac-cyrillic}{AF}{0453}% CYRILLIC SMALL LETTER GJE
3321 \SE@MapDeclare{mac-cyrillic}{B0}{221E}% INFINITY
3322 \SE@MapDeclare{mac-cyrillic}{B1}{00B1}% PLUS-MINUS SIGN
3323 \SE@MapDeclare{mac-cyrillic}{B2}{2264}% LESS-THAN OR EQUAL TO
3324 \SE@MapDeclare{mac-cyrillic}{B3}{2265}% GREATER-THAN OR EQUAL TO
3325 \SE@MapDeclare{mac-cyrillic}{B4}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I
3326 \SE@MapDeclare{mac-cyrillic}{B5}{00B5}% MICRO SIGN
3327 \SE@MapDeclare{mac-cyrillic}{B6}{0491}% CYRILLIC SMALL LETTER GHE WITH UPTURN
3328 \SE@MapDeclare{mac-cyrillic}{B7}{0408}% CYRILLIC CAPITAL LETTER JE
3329 \SE@MapDeclare{mac-cyrillic}{B8}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE
3330 \SE@MapDeclare{mac-cyrillic}{B9}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE

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3331 \SE@MapDeclare{mac-cyrillic}{BA}{0407}% CYRILLIC CAPITAL LETTER YI  
3332 \SE@MapDeclare{mac-cyrillic}{BB}{0457}% CYRILLIC SMALL LETTER YI  
3333 \SE@MapDeclare{mac-cyrillic}{BC}{0409}% CYRILLIC CAPITAL LETTER LJE  
3334 \SE@MapDeclare{mac-cyrillic}{BD}{0459}% CYRILLIC SMALL LETTER LJE  
3335 \SE@MapDeclare{mac-cyrillic}{BE}{040A}% CYRILLIC CAPITAL LETTER NJE  
3336 \SE@MapDeclare{mac-cyrillic}{BF}{045A}% CYRILLIC SMALL LETTER NJE  
3337 \SE@MapDeclare{mac-cyrillic}{C0}{0458}% CYRILLIC SMALL LETTER JE  
3338 \SE@MapDeclare{mac-cyrillic}{C1}{0405}% CYRILLIC CAPITAL LETTER DZE  
3339 \SE@MapDeclare{mac-cyrillic}{C2}{00AC}% NOT SIGN  
3340 \SE@MapDeclare{mac-cyrillic}{C3}{221A}% SQUARE ROOT  
3341 \SE@MapDeclare{mac-cyrillic}{C4}{0192}% LATIN SMALL LETTER F WITH HOOK  
3342 \SE@MapDeclare{mac-cyrillic}{C5}{2248}% ALMOST EQUAL TO  
3343 \SE@MapDeclare{mac-cyrillic}{C6}{2206}% INCREMENT  
3344 \SE@MapDeclare{mac-cyrillic}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
3345 \SE@MapDeclare{mac-cyrillic}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
3346 \SE@MapDeclare{mac-cyrillic}{C9}{2026}% HORIZONTAL ELLIPSIS  
3347 \SE@MapDeclare{mac-cyrillic}{CA}{00A0}% NO-BREAK SPACE  
3348 \SE@MapDeclare{mac-cyrillic}{CB}{040B}% CYRILLIC CAPITAL LETTER TSHE  
3349 \SE@MapDeclare{mac-cyrillic}{CC}{045B}% CYRILLIC SMALL LETTER TSHE  
3350 \SE@MapDeclare{mac-cyrillic}{CD}{040C}% CYRILLIC CAPITAL LETTER KJE  
3351 \SE@MapDeclare{mac-cyrillic}{CE}{045C}% CYRILLIC SMALL LETTER KJE  
3352 \SE@MapDeclare{mac-cyrillic}{CF}{0455}% CYRILLIC SMALL LETTER DZE  
3353 \SE@MapDeclare{mac-cyrillic}{D0}{2013}% EN DASH  
3354 \SE@MapDeclare{mac-cyrillic}{D1}{2014}% EM DASH  
3355 \SE@MapDeclare{mac-cyrillic}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
3356 \SE@MapDeclare{mac-cyrillic}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
3357 \SE@MapDeclare{mac-cyrillic}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
3358 \SE@MapDeclare{mac-cyrillic}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
3359 \SE@MapDeclare{mac-cyrillic}{D6}{00F7}% DIVISION SIGN  
3360 \SE@MapDeclare{mac-cyrillic}{D7}{201E}% DOUBLE LOW-9 QUOTATION MARK  
3361 \SE@MapDeclare{mac-cyrillic}{D8}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
3362 \SE@MapDeclare{mac-cyrillic}{D9}{045E}% CYRILLIC SMALL LETTER SHORT U  
3363 \SE@MapDeclare{mac-cyrillic}{DA}{040F}% CYRILLIC CAPITAL LETTER DZHE  
3364 \SE@MapDeclare{mac-cyrillic}{DB}{045F}% CYRILLIC SMALL LETTER DZHE  
3365 \SE@MapDeclare{mac-cyrillic}{DC}{2116}% NUMERO SIGN  
3366 \SE@MapDeclare{mac-cyrillic}{DD}{0401}% CYRILLIC CAPITAL LETTER IO  
3367 \SE@MapDeclare{mac-cyrillic}{DE}{0451}% CYRILLIC SMALL LETTER IO  
3368 \SE@MapDeclare{mac-cyrillic}{DF}{044F}% CYRILLIC SMALL LETTER YA  
3369 \SE@MapDeclare{mac-cyrillic}{E0}{0430}% CYRILLIC SMALL LETTER A  
3370 \SE@MapDeclare{mac-cyrillic}{E1}{0431}% CYRILLIC SMALL LETTER BE  
3371 \SE@MapDeclare{mac-cyrillic}{E2}{0432}% CYRILLIC SMALL LETTER VE  
3372 \SE@MapDeclare{mac-cyrillic}{E3}{0433}% CYRILLIC SMALL LETTER GHE  
3373 \SE@MapDeclare{mac-cyrillic}{E4}{0434}% CYRILLIC SMALL LETTER DE  
3374 \SE@MapDeclare{mac-cyrillic}{E5}{0435}% CYRILLIC SMALL LETTER IE  
3375 \SE@MapDeclare{mac-cyrillic}{E6}{0436}% CYRILLIC SMALL LETTER ZHE  
3376 \SE@MapDeclare{mac-cyrillic}{E7}{0437}% CYRILLIC SMALL LETTER ZE  
3377 \SE@MapDeclare{mac-cyrillic}{E8}{0438}% CYRILLIC SMALL LETTER I  
3378 \SE@MapDeclare{mac-cyrillic}{E9}{0439}% CYRILLIC SMALL LETTER SHORT I  
3379 \SE@MapDeclare{mac-cyrillic}{EA}{043A}% CYRILLIC SMALL LETTER KA  
3380 \SE@MapDeclare{mac-cyrillic}{EB}{043B}% CYRILLIC SMALL LETTER EL  
3381 \SE@MapDeclare{mac-cyrillic}{EC}{043C}% CYRILLIC SMALL LETTER EM  
3382 \SE@MapDeclare{mac-cyrillic}{ED}{043D}% CYRILLIC SMALL LETTER EN  
3383 \SE@MapDeclare{mac-cyrillic}{EE}{043E}% CYRILLIC SMALL LETTER O  
3384 \SE@MapDeclare{mac-cyrillic}{EF}{043F}% CYRILLIC SMALL LETTER PE  
3385 \SE@MapDeclare{mac-cyrillic}{F0}{0440}% CYRILLIC SMALL LETTER ER  
3386 \SE@MapDeclare{mac-cyrillic}{F1}{0441}% CYRILLIC SMALL LETTER ES  
3387 \SE@MapDeclare{mac-cyrillic}{F2}{0442}% CYRILLIC SMALL LETTER TE  
3388 \SE@MapDeclare{mac-cyrillic}{F3}{0443}% CYRILLIC SMALL LETTER U  
3389 \SE@MapDeclare{mac-cyrillic}{F4}{0444}% CYRILLIC SMALL LETTER EF  
3390 \SE@MapDeclare{mac-cyrillic}{F5}{0445}% CYRILLIC SMALL LETTER HA  
3391 \SE@MapDeclare{mac-cyrillic}{F6}{0446}% CYRILLIC SMALL LETTER TSE  
3392 \SE@MapDeclare{mac-cyrillic}{F7}{0447}% CYRILLIC SMALL LETTER CHE  
3393 \SE@MapDeclare{mac-cyrillic}{F8}{0448}% CYRILLIC SMALL LETTER SHA  
3394 \SE@MapDeclare{mac-cyrillic}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
3395 \SE@MapDeclare{mac-cyrillic}{FA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
3396 \SE@MapDeclare{mac-cyrillic}{FB}{044B}% CYRILLIC SMALL LETTER YERU  
3397 \SE@MapDeclare{mac-cyrillic}{FC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
3398 \SE@MapDeclare{mac-cyrillic}{FD}{044D}% CYRILLIC SMALL LETTER E  
3399 \SE@MapDeclare{mac-cyrillic}{FE}{044E}% CYRILLIC SMALL LETTER YU  
3400 \SE@MapDeclare{mac-cyrillic}{FF}{20AC}% EURO SIGN  
3401 </mac – cyrillic>

## mac-roman

3402 <\*mac – roman>  
3403 \SE@MapDeclare{mac-roman}{80}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
3404 \SE@MapDeclare{mac-roman}{81}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
3405 \SE@MapDeclare{mac-roman}{82}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
3406 \SE@MapDeclare{mac-roman}{83}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
3407 \SE@MapDeclare{mac-roman}{84}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
3408 \SE@MapDeclare{mac-roman}{85}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
3409 \SE@MapDeclare{mac-roman}{86}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
3410 \SE@MapDeclare{mac-roman}{87}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
3411 \SE@MapDeclare{mac-roman}{88}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
3412 \SE@MapDeclare{mac-roman}{89}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX

3413 \SE@MapDeclare{mac-roman}{8A}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3414 \SE@MapDeclare{mac-roman}{8B}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3415 \SE@MapDeclare{mac-roman}{8C}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3416 \SE@MapDeclare{mac-roman}{8D}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3417 \SE@MapDeclare{mac-roman}{8E}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3418 \SE@MapDeclare{mac-roman}{8F}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3419 \SE@MapDeclare{mac-roman}{90}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3420 \SE@MapDeclare{mac-roman}{91}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3421 \SE@MapDeclare{mac-roman}{92}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3422 \SE@MapDeclare{mac-roman}{93}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3423 \SE@MapDeclare{mac-roman}{94}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3424 \SE@MapDeclare{mac-roman}{95}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3425 \SE@MapDeclare{mac-roman}{96}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3426 \SE@MapDeclare{mac-roman}{97}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3427 \SE@MapDeclare{mac-roman}{98}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3428 \SE@MapDeclare{mac-roman}{99}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3429 \SE@MapDeclare{mac-roman}{9A}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3430 \SE@MapDeclare{mac-roman}{9B}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3431 \SE@MapDeclare{mac-roman}{9C}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3432 \SE@MapDeclare{mac-roman}{9D}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3433 \SE@MapDeclare{mac-roman}{9E}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3434 \SE@MapDeclare{mac-roman}{9F}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3435 \SE@MapDeclare{mac-roman}{A0}{2020}% DAGGER  
 3436 \SE@MapDeclare{mac-roman}{A1}{00B0}% DEGREE SIGN  
 3437 \SE@MapDeclare{mac-roman}{A2}{00A2}% CENT SIGN  
 3438 \SE@MapDeclare{mac-roman}{A3}{00A3}% POUND SIGN  
 3439 \SE@MapDeclare{mac-roman}{A4}{00A7}% SECTION SIGN  
 3440 \SE@MapDeclare{mac-roman}{A5}{2022}% BULLET  
 3441 \SE@MapDeclare{mac-roman}{A6}{00B6}% PILCROW SIGN  
 3442 \SE@MapDeclare{mac-roman}{A7}{00DF}% LATIN SMALL LETTER SHARP S  
 3443 \SE@MapDeclare{mac-roman}{A8}{00AE}% REGISTERED SIGN  
 3444 \SE@MapDeclare{mac-roman}{A9}{00A9}% COPYRIGHT SIGN  
 3445 \SE@MapDeclare{mac-roman}{AA}{2122}% TRADE MARK SIGN  
 3446 \SE@MapDeclare{mac-roman}{AB}{00B4}% ACUTE ACCENT  
 3447 \SE@MapDeclare{mac-roman}{AC}{00A8}% DIAERESIS  
 3448 \SE@MapDeclare{mac-roman}{AD}{2260}% NOT EQUAL TO  
 3449 \SE@MapDeclare{mac-roman}{AE}{00C6}% LATIN CAPITAL LETTER AE  
 3450 \SE@MapDeclare{mac-roman}{AF}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3451 \SE@MapDeclare{mac-roman}{B0}{221E}% INFINITY  
 3452 \SE@MapDeclare{mac-roman}{B1}{00B1}% PLUS-MINUS SIGN  
 3453 \SE@MapDeclare{mac-roman}{B2}{2264}% LESS-THAN OR EQUAL TO  
 3454 \SE@MapDeclare{mac-roman}{B3}{2265}% GREATER-THAN OR EQUAL TO  
 3455 \SE@MapDeclare{mac-roman}{B4}{00A5}% YEN SIGN  
 3456 \SE@MapDeclare{mac-roman}{B5}{00B5}% MICRO SIGN  
 3457 \SE@MapDeclare{mac-roman}{B6}{2202}% PARTIAL DIFFERENTIAL  
 3458 \SE@MapDeclare{mac-roman}{B7}{2211}% N-ARY SUMMATION  
 3459 \SE@MapDeclare{mac-roman}{B8}{220F}% N-ARY PRODUCT  
 3460 \SE@MapDeclare{mac-roman}{B9}{03C0}% GREEK SMALL LETTER PI  
 3461 \SE@MapDeclare{mac-roman}{BA}{222B}% INTEGRAL  
 3462 \SE@MapDeclare{mac-roman}{BB}{00AA}% FEMININE ORDINAL INDICATOR  
 3463 \SE@MapDeclare{mac-roman}{BC}{00BA}% MASCULINE ORDINAL INDICATOR  
 3464 \SE@MapDeclare{mac-roman}{BD}{03A9}% GREEK CAPITAL LETTER OMEGA  
 3465 \SE@MapDeclare{mac-roman}{BE}{00E6}% LATIN SMALL LETTER AE  
 3466 \SE@MapDeclare{mac-roman}{BF}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3467 \SE@MapDeclare{mac-roman}{C0}{00BF}% INVERTED QUESTION MARK  
 3468 \SE@MapDeclare{mac-roman}{C1}{00A1}% INVERTED EXCLAMATION MARK  
 3469 \SE@MapDeclare{mac-roman}{C2}{00AC}% NOT SIGN  
 3470 \SE@MapDeclare{mac-roman}{C3}{221A}% SQUARE ROOT  
 3471 \SE@MapDeclare{mac-roman}{C4}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3472 \SE@MapDeclare{mac-roman}{C5}{2248}% ALMOST EQUAL TO  
 3473 \SE@MapDeclare{mac-roman}{C6}{2206}% INCREMENT  
 3474 \SE@MapDeclare{mac-roman}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3475 \SE@MapDeclare{mac-roman}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3476 \SE@MapDeclare{mac-roman}{C9}{2026}% HORIZONTAL ELLIPSIS  
 3477 \SE@MapDeclare{mac-roman}{CA}{00A0}% NO-BREAK SPACE  
 3478 \SE@MapDeclare{mac-roman}{CB}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3479 \SE@MapDeclare{mac-roman}{CC}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3480 \SE@MapDeclare{mac-roman}{CD}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3481 \SE@MapDeclare{mac-roman}{CE}{0152}% LATIN CAPITAL LIGATURE OE  
 3482 \SE@MapDeclare{mac-roman}{CF}{0153}% LATIN SMALL LIGATURE OE  
 3483 \SE@MapDeclare{mac-roman}{D0}{2013}% EN DASH  
 3484 \SE@MapDeclare{mac-roman}{D1}{2014}% EM DASH  
 3485 \SE@MapDeclare{mac-roman}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
 3486 \SE@MapDeclare{mac-roman}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3487 \SE@MapDeclare{mac-roman}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
 3488 \SE@MapDeclare{mac-roman}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
 3489 \SE@MapDeclare{mac-roman}{D6}{00F7}% DIVISION SIGN  
 3490 \SE@MapDeclare{mac-roman}{D7}{25CA}% LOZENGE  
 3491 \SE@MapDeclare{mac-roman}{D8}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3492 \SE@MapDeclare{mac-roman}{D9}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 3493 \SE@MapDeclare{mac-roman}{DA}{2044}% FRACTION SLASH  
 3494 \SE@MapDeclare{mac-roman}{DB}{20AC}% EURO SIGN  
 3495 \SE@MapDeclare{mac-roman}{DC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3496 \SE@MapDeclare{mac-roman}{DD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3497 \SE@MapDeclare{mac-roman}{DE}{FB01}% LATIN SMALL LIGATURE FI  
 3498 \SE@MapDeclare{mac-roman}{DF}{FB02}% LATIN SMALL LIGATURE FL

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3499 \SE@MapDeclare{mac-roman}{E0}{2021}% DOUBLE DAGGER
3500 \SE@MapDeclare{mac-roman}{E1}{00B7}% MIDDLE DOT
3501 \SE@MapDeclare{mac-roman}{E2}{201A}% SINGLE LOW-9 QUOTATION MARK
3502 \SE@MapDeclare{mac-roman}{E3}{201E}% DOUBLE LOW-9 QUOTATION MARK
3503 \SE@MapDeclare{mac-roman}{E4}{2030}% PER MILLE SIGN
3504 \SE@MapDeclare{mac-roman}{E5}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX
3505 \SE@MapDeclare{mac-roman}{E6}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX
3506 \SE@MapDeclare{mac-roman}{E7}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE
3507 \SE@MapDeclare{mac-roman}{E8}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS
3508 \SE@MapDeclare{mac-roman}{E9}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE
3509 \SE@MapDeclare{mac-roman}{EA}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE
3510 \SE@MapDeclare{mac-roman}{EB}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX
3511 \SE@MapDeclare{mac-roman}{EC}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS
3512 \SE@MapDeclare{mac-roman}{ED}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE
3513 \SE@MapDeclare{mac-roman}{EE}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
3514 \SE@MapDeclare{mac-roman}{EF}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX
3515 \SE@MapDeclare{mac-roman}{F0}{F8FF}% Apple logo
3516 \SE@MapDeclare{mac-roman}{F1}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE
3517 \SE@MapDeclare{mac-roman}{F2}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE
3518 \SE@MapDeclare{mac-roman}{F3}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX
3519 \SE@MapDeclare{mac-roman}{F4}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE
3520 \SE@MapDeclare{mac-roman}{F5}{0131}% LATIN SMALL LETTER DOTLESS I
3521 \SE@MapDeclare{mac-roman}{F6}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT
3522 \SE@MapDeclare{mac-roman}{F7}{02DC}% SMALL TILDE
3523 \SE@MapDeclare{mac-roman}{F8}{00AF}% MACRON
3524 \SE@MapDeclare{mac-roman}{F9}{02D8}% BREVE
3525 \SE@MapDeclare{mac-roman}{FA}{02D9}% DOT ABOVE
3526 \SE@MapDeclare{mac-roman}{FB}{02DA}% RING ABOVE
3527 \SE@MapDeclare{mac-roman}{FC}{00B8}% CEDILLA
3528 \SE@MapDeclare{mac-roman}{FD}{02DD}% DOUBLE ACUTE ACCENT
3529 \SE@MapDeclare{mac-roman}{FE}{02DB}% OGONEK
3530 \SE@MapDeclare{mac-roman}{FF}{02C7}% CARON
3531 </mac – roman>

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## dec-mcs

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3532 <*dec – mcs>
3533 \SE@MapDeclare{dec-mcs}{A1}{00A1}% INVERTED EXCLAMATION MARK
3534 \SE@MapDeclare{dec-mcs}{A2}{00A2}% CENT SIGN
3535 \SE@MapDeclare{dec-mcs}{A3}{00A3}% POUND SIGN
3536 \SE@MapDeclare{dec-mcs}{A5}{00A5}% YEN SIGN
3537 \SE@MapDeclare{dec-mcs}{A7}{00A7}% SECTION SIGN
3538 \SE@MapDeclare{dec-mcs}{A8}{00A4}% CURRENCY SIGN
3539 \SE@MapDeclare{dec-mcs}{A9}{00A9}% COPYRIGHT SIGN
3540 \SE@MapDeclare{dec-mcs}{AA}{00AA}% FEMININE ORDINAL INDICATOR
3541 \SE@MapDeclare{dec-mcs}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
3542 \SE@MapDeclare{dec-mcs}{B0}{00B0}% DEGREE SIGN
3543 \SE@MapDeclare{dec-mcs}{B1}{00B1}% PLUS-MINUS SIGN
3544 \SE@MapDeclare{dec-mcs}{B2}{00B2}% SUPERSCRIP TWO
3545 \SE@MapDeclare{dec-mcs}{B3}{00B3}% SUPERSCRIP THREE
3546 \SE@MapDeclare{dec-mcs}{B5}{00B5}% MICRO SIGN
3547 \SE@MapDeclare{dec-mcs}{B6}{00B6}% PILCROW SIGN
3548 \SE@MapDeclare{dec-mcs}{B7}{00B7}% MIDDLE DOT
3549 \SE@MapDeclare{dec-mcs}{B9}{00B9}% SUPERSCRIP ONE
3550 \SE@MapDeclare{dec-mcs}{BA}{00BA}% MASCULINE ORDINAL INDICATOR
3551 \SE@MapDeclare{dec-mcs}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
3552 \SE@MapDeclare{dec-mcs}{BC}{00BC}% VULGAR FRACTION ONE QUARTER
3553 \SE@MapDeclare{dec-mcs}{BD}{00BD}% VULGAR FRACTION ONE HALF
3554 \SE@MapDeclare{dec-mcs}{BF}{00BF}% INVERTED QUESTION MARK
3555 \SE@MapDeclare{dec-mcs}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE
3556 \SE@MapDeclare{dec-mcs}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE
3557 \SE@MapDeclare{dec-mcs}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX
3558 \SE@MapDeclare{dec-mcs}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE
3559 \SE@MapDeclare{dec-mcs}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS
3560 \SE@MapDeclare{dec-mcs}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE
3561 \SE@MapDeclare{dec-mcs}{C6}{00C6}% LATIN CAPITAL LETTER AE
3562 \SE@MapDeclare{dec-mcs}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA
3563 \SE@MapDeclare{dec-mcs}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE
3564 \SE@MapDeclare{dec-mcs}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE
3565 \SE@MapDeclare{dec-mcs}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX
3566 \SE@MapDeclare{dec-mcs}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS
3567 \SE@MapDeclare{dec-mcs}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE
3568 \SE@MapDeclare{dec-mcs}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE
3569 \SE@MapDeclare{dec-mcs}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX
3570 \SE@MapDeclare{dec-mcs}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS
3571 \SE@MapDeclare{dec-mcs}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE
3572 \SE@MapDeclare{dec-mcs}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE
3573 \SE@MapDeclare{dec-mcs}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
3574 \SE@MapDeclare{dec-mcs}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX
3575 \SE@MapDeclare{dec-mcs}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE
3576 \SE@MapDeclare{dec-mcs}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS
3577 \SE@MapDeclare{dec-mcs}{D7}{0152}% LATIN CAPITAL LIGATURE OE
3578 \SE@MapDeclare{dec-mcs}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE
3579 \SE@MapDeclare{dec-mcs}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE
3580 \SE@MapDeclare{dec-mcs}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE

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3581 \SE@MapDeclare{dec-mcs}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3582 \SE@MapDeclare{dec-mcs}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3583 \SE@MapDeclare{dec-mcs}{DD}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 3584 \SE@MapDeclare{dec-mcs}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 3585 \SE@MapDeclare{dec-mcs}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3586 \SE@MapDeclare{dec-mcs}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3587 \SE@MapDeclare{dec-mcs}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3588 \SE@MapDeclare{dec-mcs}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3589 \SE@MapDeclare{dec-mcs}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3590 \SE@MapDeclare{dec-mcs}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3591 \SE@MapDeclare{dec-mcs}{E6}{00E6}% LATIN SMALL LETTER AE  
 3592 \SE@MapDeclare{dec-mcs}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3593 \SE@MapDeclare{dec-mcs}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3594 \SE@MapDeclare{dec-mcs}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3595 \SE@MapDeclare{dec-mcs}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3596 \SE@MapDeclare{dec-mcs}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3597 \SE@MapDeclare{dec-mcs}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3598 \SE@MapDeclare{dec-mcs}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3599 \SE@MapDeclare{dec-mcs}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3600 \SE@MapDeclare{dec-mcs}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3601 \SE@MapDeclare{dec-mcs}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3602 \SE@MapDeclare{dec-mcs}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3603 \SE@MapDeclare{dec-mcs}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3604 \SE@MapDeclare{dec-mcs}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3605 \SE@MapDeclare{dec-mcs}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3606 \SE@MapDeclare{dec-mcs}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3607 \SE@MapDeclare{dec-mcs}{F7}{0153}% LATIN SMALL LIGATURE OE  
 3608 \SE@MapDeclare{dec-mcs}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3609 \SE@MapDeclare{dec-mcs}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3610 \SE@MapDeclare{dec-mcs}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3611 \SE@MapDeclare{dec-mcs}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3612 \SE@MapDeclare{dec-mcs}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3613 \SE@MapDeclare{dec-mcs}{FD}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3614 </dec – mcs>

## cp437

3615 <\*cp437>  
 3616 \SE@MapDeclare{cp437}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3617 \SE@MapDeclare{cp437}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3618 \SE@MapDeclare{cp437}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3619 \SE@MapDeclare{cp437}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3620 \SE@MapDeclare{cp437}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3621 \SE@MapDeclare{cp437}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3622 \SE@MapDeclare{cp437}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3623 \SE@MapDeclare{cp437}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3624 \SE@MapDeclare{cp437}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3625 \SE@MapDeclare{cp437}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3626 \SE@MapDeclare{cp437}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3627 \SE@MapDeclare{cp437}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3628 \SE@MapDeclare{cp437}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3629 \SE@MapDeclare{cp437}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3630 \SE@MapDeclare{cp437}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3631 \SE@MapDeclare{cp437}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 3632 \SE@MapDeclare{cp437}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3633 \SE@MapDeclare{cp437}{91}{00E6}% LATIN SMALL LIGATURE AE  
 3634 \SE@MapDeclare{cp437}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 3635 \SE@MapDeclare{cp437}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3636 \SE@MapDeclare{cp437}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3637 \SE@MapDeclare{cp437}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3638 \SE@MapDeclare{cp437}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3639 \SE@MapDeclare{cp437}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3640 \SE@MapDeclare{cp437}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3641 \SE@MapDeclare{cp437}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3642 \SE@MapDeclare{cp437}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3643 \SE@MapDeclare{cp437}{9B}{00A2}% CENT SIGN  
 3644 \SE@MapDeclare{cp437}{9C}{00A3}% POUND SIGN  
 3645 \SE@MapDeclare{cp437}{9D}{00A5}% YEN SIGN  
 3646 \SE@MapDeclare{cp437}{9E}{20A7}% PESETA SIGN  
 3647 \SE@MapDeclare{cp437}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3648 \SE@MapDeclare{cp437}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3649 \SE@MapDeclare{cp437}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3650 \SE@MapDeclare{cp437}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3651 \SE@MapDeclare{cp437}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3652 \SE@MapDeclare{cp437}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3653 \SE@MapDeclare{cp437}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3654 \SE@MapDeclare{cp437}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 3655 \SE@MapDeclare{cp437}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 3656 \SE@MapDeclare{cp437}{A8}{00BF}% INVERTED QUESTION MARK  
 3657 \SE@MapDeclare{cp437}{A9}{2310}% REVERSED NOT SIGN  
 3658 \SE@MapDeclare{cp437}{AA}{00AC}% NOT SIGN  
 3659 \SE@MapDeclare{cp437}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 3660 \SE@MapDeclare{cp437}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 3661 \SE@MapDeclare{cp437}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 3662 \SE@MapDeclare{cp437}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK

3663 \SE@MapDeclare{cp437}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3664 \SE@MapDeclare{cp437}{B0}{2591}% LIGHT SHADE  
 3665 \SE@MapDeclare{cp437}{B1}{2592}% MEDIUM SHADE  
 3666 \SE@MapDeclare{cp437}{B2}{2593}% DARK SHADE  
 3667 \SE@MapDeclare{cp437}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 3668 \SE@MapDeclare{cp437}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 3669 \SE@MapDeclare{cp437}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 3670 \SE@MapDeclare{cp437}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 3671 \SE@MapDeclare{cp437}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 3672 \SE@MapDeclare{cp437}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 3673 \SE@MapDeclare{cp437}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 3674 \SE@MapDeclare{cp437}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 3675 \SE@MapDeclare{cp437}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 3676 \SE@MapDeclare{cp437}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 3677 \SE@MapDeclare{cp437}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 3678 \SE@MapDeclare{cp437}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 3679 \SE@MapDeclare{cp437}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 3680 \SE@MapDeclare{cp437}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 3681 \SE@MapDeclare{cp437}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 3682 \SE@MapDeclare{cp437}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 3683 \SE@MapDeclare{cp437}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 3684 \SE@MapDeclare{cp437}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 3685 \SE@MapDeclare{cp437}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 3686 \SE@MapDeclare{cp437}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 3687 \SE@MapDeclare{cp437}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 3688 \SE@MapDeclare{cp437}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 3689 \SE@MapDeclare{cp437}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 3690 \SE@MapDeclare{cp437}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 3691 \SE@MapDeclare{cp437}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 3692 \SE@MapDeclare{cp437}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 3693 \SE@MapDeclare{cp437}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 3694 \SE@MapDeclare{cp437}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 3695 \SE@MapDeclare{cp437}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 3696 \SE@MapDeclare{cp437}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 3697 \SE@MapDeclare{cp437}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 3698 \SE@MapDeclare{cp437}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 3699 \SE@MapDeclare{cp437}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 3700 \SE@MapDeclare{cp437}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 3701 \SE@MapDeclare{cp437}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 3702 \SE@MapDeclare{cp437}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 3703 \SE@MapDeclare{cp437}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 3704 \SE@MapDeclare{cp437}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 3705 \SE@MapDeclare{cp437}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 3706 \SE@MapDeclare{cp437}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 3707 \SE@MapDeclare{cp437}{DB}{2588}% FULL BLOCK  
 3708 \SE@MapDeclare{cp437}{DC}{2584}% LOWER HALF BLOCK  
 3709 \SE@MapDeclare{cp437}{DD}{258C}% LEFT HALF BLOCK  
 3710 \SE@MapDeclare{cp437}{DE}{2590}% RIGHT HALF BLOCK  
 3711 \SE@MapDeclare{cp437}{DF}{2580}% UPPER HALF BLOCK  
 3712 \SE@MapDeclare{cp437}{E0}{03B1}% GREEK SMALL LETTER ALPHA  
 3713 \SE@MapDeclare{cp437}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 3714 \SE@MapDeclare{cp437}{E2}{0393}% GREEK CAPITAL LETTER GAMMA  
 3715 \SE@MapDeclare{cp437}{E3}{03C0}% GREEK SMALL LETTER PI  
 3716 \SE@MapDeclare{cp437}{E4}{03A3}% GREEK CAPITAL LETTER SIGMA  
 3717 \SE@MapDeclare{cp437}{E5}{03C3}% GREEK SMALL LETTER SIGMA  
 3718 \SE@MapDeclare{cp437}{E6}{00B5}% MICRO SIGN  
 3719 \SE@MapDeclare{cp437}{E7}{03C4}% GREEK SMALL LETTER TAU  
 3720 \SE@MapDeclare{cp437}{E8}{03A6}% GREEK CAPITAL LETTER PHI  
 3721 \SE@MapDeclare{cp437}{E9}{0398}% GREEK CAPITAL LETTER THETA  
 3722 \SE@MapDeclare{cp437}{EA}{03A9}% GREEK CAPITAL LETTER OMEGA  
 3723 \SE@MapDeclare{cp437}{EB}{03B4}% GREEK SMALL LETTER DELTA  
 3724 \SE@MapDeclare{cp437}{EC}{221E}% INFINITY  
 3725 \SE@MapDeclare{cp437}{ED}{03C6}% GREEK SMALL LETTER PHI  
 3726 \SE@MapDeclare{cp437}{EE}{03B5}% GREEK SMALL LETTER EPSILON  
 3727 \SE@MapDeclare{cp437}{EF}{2229}% INTERSECTION  
 3728 \SE@MapDeclare{cp437}{F0}{2261}% IDENTICAL TO  
 3729 \SE@MapDeclare{cp437}{F1}{00B1}% PLUS-MINUS SIGN  
 3730 \SE@MapDeclare{cp437}{F2}{2265}% GREATER-THAN OR EQUAL TO  
 3731 \SE@MapDeclare{cp437}{F3}{2264}% LESS-THAN OR EQUAL TO  
 3732 \SE@MapDeclare{cp437}{F4}{2320}% TOP HALF INTEGRAL  
 3733 \SE@MapDeclare{cp437}{F5}{2321}% BOTTOM HALF INTEGRAL  
 3734 \SE@MapDeclare{cp437}{F6}{00F7}% DIVISION SIGN  
 3735 \SE@MapDeclare{cp437}{F7}{2248}% ALMOST EQUAL TO  
 3736 \SE@MapDeclare{cp437}{F8}{00B0}% DEGREE SIGN  
 3737 \SE@MapDeclare{cp437}{F9}{2219}% BULLET OPERATOR  
 3738 \SE@MapDeclare{cp437}{FA}{00B7}% MIDDLE DOT  
 3739 \SE@MapDeclare{cp437}{FB}{221A}% SQUARE ROOT  
 3740 \SE@MapDeclare{cp437}{FC}{207F}% SUPERScript LATIN SMALL LETTER N  
 3741 \SE@MapDeclare{cp437}{FD}{00B2}% SUPERScript TWO  
 3742 \SE@MapDeclare{cp437}{FE}{25A0}% BLACK SQUARE  
 3743 \SE@MapDeclare{cp437}{FF}{00A0}% NO-BREAK SPACE  
 3744 </cp437>

cp850

3745 \SE@MapDeclare{cp850}%  
3746 \SE@MapDeclare{cp850}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
3747 \SE@MapDeclare{cp850}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
3748 \SE@MapDeclare{cp850}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
3749 \SE@MapDeclare{cp850}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
3750 \SE@MapDeclare{cp850}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
3751 \SE@MapDeclare{cp850}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
3752 \SE@MapDeclare{cp850}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
3753 \SE@MapDeclare{cp850}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
3754 \SE@MapDeclare{cp850}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
3755 \SE@MapDeclare{cp850}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
3756 \SE@MapDeclare{cp850}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
3757 \SE@MapDeclare{cp850}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
3758 \SE@MapDeclare{cp850}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
3759 \SE@MapDeclare{cp850}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
3760 \SE@MapDeclare{cp850}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
3761 \SE@MapDeclare{cp850}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
3762 \SE@MapDeclare{cp850}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
3763 \SE@MapDeclare{cp850}{91}{00E6}% LATIN SMALL LIGATURE AE  
3764 \SE@MapDeclare{cp850}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
3765 \SE@MapDeclare{cp850}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
3766 \SE@MapDeclare{cp850}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
3767 \SE@MapDeclare{cp850}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
3768 \SE@MapDeclare{cp850}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
3769 \SE@MapDeclare{cp850}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
3770 \SE@MapDeclare{cp850}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
3771 \SE@MapDeclare{cp850}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
3772 \SE@MapDeclare{cp850}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
3773 \SE@MapDeclare{cp850}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
3774 \SE@MapDeclare{cp850}{9C}{00A3}% POUND SIGN  
3775 \SE@MapDeclare{cp850}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
3776 \SE@MapDeclare{cp850}{9E}{00D7}% MULTIPLICATION SIGN  
3777 \SE@MapDeclare{cp850}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
3778 \SE@MapDeclare{cp850}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
3779 \SE@MapDeclare{cp850}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
3780 \SE@MapDeclare{cp850}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
3781 \SE@MapDeclare{cp850}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
3782 \SE@MapDeclare{cp850}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
3783 \SE@MapDeclare{cp850}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
3784 \SE@MapDeclare{cp850}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
3785 \SE@MapDeclare{cp850}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
3786 \SE@MapDeclare{cp850}{A8}{00BF}% INVERTED QUESTION MARK  
3787 \SE@MapDeclare{cp850}{A9}{00AE}% REGISTERED SIGN  
3788 \SE@MapDeclare{cp850}{AA}{00AC}% NOT SIGN  
3789 \SE@MapDeclare{cp850}{AB}{00BD}% VULGAR FRACTION ONE HALF  
3790 \SE@MapDeclare{cp850}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
3791 \SE@MapDeclare{cp850}{AD}{00A1}% INVERTED EXCLAMATION MARK  
3792 \SE@MapDeclare{cp850}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
3793 \SE@MapDeclare{cp850}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
3794 \SE@MapDeclare{cp850}{B0}{2591}% LIGHT SHADE  
3795 \SE@MapDeclare{cp850}{B1}{2592}% MEDIUM SHADE  
3796 \SE@MapDeclare{cp850}{B2}{2593}% DARK SHADE  
3797 \SE@MapDeclare{cp850}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
3798 \SE@MapDeclare{cp850}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
3799 \SE@MapDeclare{cp850}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
3800 \SE@MapDeclare{cp850}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
3801 \SE@MapDeclare{cp850}{B7}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
3802 \SE@MapDeclare{cp850}{B8}{00A9}% COPYRIGHT SIGN  
3803 \SE@MapDeclare{cp850}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
3804 \SE@MapDeclare{cp850}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
3805 \SE@MapDeclare{cp850}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
3806 \SE@MapDeclare{cp850}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
3807 \SE@MapDeclare{cp850}{BD}{00A2}% CENT SIGN  
3808 \SE@MapDeclare{cp850}{BE}{00A5}% YEN SIGN  
3809 \SE@MapDeclare{cp850}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
3810 \SE@MapDeclare{cp850}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
3811 \SE@MapDeclare{cp850}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
3812 \SE@MapDeclare{cp850}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
3813 \SE@MapDeclare{cp850}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
3814 \SE@MapDeclare{cp850}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
3815 \SE@MapDeclare{cp850}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
3816 \SE@MapDeclare{cp850}{C6}{00E3}% LATIN SMALL LETTER A WITH TILDE  
3817 \SE@MapDeclare{cp850}{C7}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
3818 \SE@MapDeclare{cp850}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
3819 \SE@MapDeclare{cp850}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
3820 \SE@MapDeclare{cp850}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
3821 \SE@MapDeclare{cp850}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
3822 \SE@MapDeclare{cp850}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
3823 \SE@MapDeclare{cp850}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
3824 \SE@MapDeclare{cp850}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
3825 \SE@MapDeclare{cp850}{CF}{00A4}% CURRENCY SIGN  
3826 \SE@MapDeclare{cp850}{D0}{00F0}% LATIN SMALL LETTER ETH  
3827 \SE@MapDeclare{cp850}{D1}{00D0}% LATIN CAPITAL LETTER ETH  
3828 \SE@MapDeclare{cp850}{D2}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
3829 \SE@MapDeclare{cp850}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
3830 \SE@MapDeclare{cp850}{D4}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE

3831 \SE@MapDeclare{cp850}{D5}{0131}% LATIN SMALL LETTER DOTLESS I  
3832 \SE@MapDeclare{cp850}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
3833 \SE@MapDeclare{cp850}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
3834 \SE@MapDeclare{cp850}{D8}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
3835 \SE@MapDeclare{cp850}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
3836 \SE@MapDeclare{cp850}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
3837 \SE@MapDeclare{cp850}{DB}{2588}% FULL BLOCK  
3838 \SE@MapDeclare{cp850}{DC}{2584}% LOWER HALF BLOCK  
3839 \SE@MapDeclare{cp850}{DD}{00A6}% BROKEN BAR  
3840 \SE@MapDeclare{cp850}{DE}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
3841 \SE@MapDeclare{cp850}{DF}{2580}% UPPER HALF BLOCK  
3842 \SE@MapDeclare{cp850}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
3843 \SE@MapDeclare{cp850}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
3844 \SE@MapDeclare{cp850}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
3845 \SE@MapDeclare{cp850}{E3}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
3846 \SE@MapDeclare{cp850}{E4}{00F5}% LATIN SMALL LETTER O WITH TILDE  
3847 \SE@MapDeclare{cp850}{E5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
3848 \SE@MapDeclare{cp850}{E6}{00B5}% MICRO SIGN  
3849 \SE@MapDeclare{cp850}{E7}{00FE}% LATIN SMALL LETTER THORN  
3850 \SE@MapDeclare{cp850}{E8}{00DE}% LATIN CAPITAL LETTER THORN  
3851 \SE@MapDeclare{cp850}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
3852 \SE@MapDeclare{cp850}{EA}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
3853 \SE@MapDeclare{cp850}{EB}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
3854 \SE@MapDeclare{cp850}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
3855 \SE@MapDeclare{cp850}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
3856 \SE@MapDeclare{cp850}{EE}{00AF}% MACRON  
3857 \SE@MapDeclare{cp850}{EF}{00B4}% ACUTE ACCENT  
3858 \SE@MapDeclare{cp850}{F0}{00AD}% SOFT HYPHEN  
3859 \SE@MapDeclare{cp850}{F1}{00B1}% PLUS-MINUS SIGN  
3860 \SE@MapDeclare{cp850}{F2}{2017}% DOUBLE LOW LINE  
3861 \SE@MapDeclare{cp850}{F3}{00BE}% VULGAR FRACTION THREE QUARTERS  
3862 \SE@MapDeclare{cp850}{F4}{00B6}% PILCROW SIGN  
3863 \SE@MapDeclare{cp850}{F5}{00A7}% SECTION SIGN  
3864 \SE@MapDeclare{cp850}{F6}{00F7}% DIVISION SIGN  
3865 \SE@MapDeclare{cp850}{F7}{00B8}% CEDILLA  
3866 \SE@MapDeclare{cp850}{F8}{00B0}% DEGREE SIGN  
3867 \SE@MapDeclare{cp850}{F9}{00A8}% DIAERESIS  
3868 \SE@MapDeclare{cp850}{FA}{00B7}% MIDDLE DOT  
3869 \SE@MapDeclare{cp850}{FB}{00B9}% SUPERSCRPT ONE  
3870 \SE@MapDeclare{cp850}{FC}{00B3}% SUPERSCRPT THREE  
3871 \SE@MapDeclare{cp850}{FD}{00B2}% SUPERSCRPT TWO  
3872 \SE@MapDeclare{cp850}{FE}{25A0}% BLACK SQUARE  
3873 \SE@MapDeclare{cp850}{FF}{00A0}% NO-BREAK SPACE  
3874 (/cp850)

## cp852

3875 (\*cp852)  
3876 \SE@MapDeclare{cp852}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
3877 \SE@MapDeclare{cp852}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
3878 \SE@MapDeclare{cp852}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
3879 \SE@MapDeclare{cp852}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
3880 \SE@MapDeclare{cp852}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
3881 \SE@MapDeclare{cp852}{85}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
3882 \SE@MapDeclare{cp852}{86}{0107}% LATIN SMALL LETTER C WITH ACUTE  
3883 \SE@MapDeclare{cp852}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
3884 \SE@MapDeclare{cp852}{88}{0142}% LATIN SMALL LETTER L WITH STROKE  
3885 \SE@MapDeclare{cp852}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
3886 \SE@MapDeclare{cp852}{8A}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
3887 \SE@MapDeclare{cp852}{8B}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
3888 \SE@MapDeclare{cp852}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
3889 \SE@MapDeclare{cp852}{8D}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
3890 \SE@MapDeclare{cp852}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
3891 \SE@MapDeclare{cp852}{8F}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
3892 \SE@MapDeclare{cp852}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
3893 \SE@MapDeclare{cp852}{91}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
3894 \SE@MapDeclare{cp852}{92}{013A}% LATIN SMALL LETTER L WITH ACUTE  
3895 \SE@MapDeclare{cp852}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
3896 \SE@MapDeclare{cp852}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
3897 \SE@MapDeclare{cp852}{95}{013D}% LATIN CAPITAL LETTER L WITH CARON  
3898 \SE@MapDeclare{cp852}{96}{013E}% LATIN SMALL LETTER L WITH CARON  
3899 \SE@MapDeclare{cp852}{97}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
3900 \SE@MapDeclare{cp852}{98}{015B}% LATIN SMALL LETTER S WITH ACUTE  
3901 \SE@MapDeclare{cp852}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
3902 \SE@MapDeclare{cp852}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
3903 \SE@MapDeclare{cp852}{9B}{0164}% LATIN CAPITAL LETTER T WITH CARON  
3904 \SE@MapDeclare{cp852}{9C}{0165}% LATIN SMALL LETTER T WITH CARON  
3905 \SE@MapDeclare{cp852}{9D}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
3906 \SE@MapDeclare{cp852}{9E}{00D7}% MULTIPLICATION SIGN  
3907 \SE@MapDeclare{cp852}{9F}{010D}% LATIN SMALL LETTER C WITH CARON  
3908 \SE@MapDeclare{cp852}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
3909 \SE@MapDeclare{cp852}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
3910 \SE@MapDeclare{cp852}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
3911 \SE@MapDeclare{cp852}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
3912 \SE@MapDeclare{cp852}{A4}{0104}% LATIN CAPITAL LETTER A WITH OGONEK

3913 \SE@MapDeclare{cp852}{A5}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 3914 \SE@MapDeclare{cp852}{A6}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 3915 \SE@MapDeclare{cp852}{A7}{017E}% LATIN SMALL LETTER Z WITH CARON  
 3916 \SE@MapDeclare{cp852}{A8}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 3917 \SE@MapDeclare{cp852}{A9}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 3918 \SE@MapDeclare{cp852}{AA}{00AC}% NOT SIGN  
 3919 \SE@MapDeclare{cp852}{AB}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 3920 \SE@MapDeclare{cp852}{AC}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 3921 \SE@MapDeclare{cp852}{AD}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 3922 \SE@MapDeclare{cp852}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3923 \SE@MapDeclare{cp852}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3924 \SE@MapDeclare{cp852}{B0}{2591}% LIGHT SHADE  
 3925 \SE@MapDeclare{cp852}{B1}{2592}% MEDIUM SHADE  
 3926 \SE@MapDeclare{cp852}{B2}{2593}% DARK SHADE  
 3927 \SE@MapDeclare{cp852}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 3928 \SE@MapDeclare{cp852}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 3929 \SE@MapDeclare{cp852}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3930 \SE@MapDeclare{cp852}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3931 \SE@MapDeclare{cp852}{B7}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 3932 \SE@MapDeclare{cp852}{B8}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 3933 \SE@MapDeclare{cp852}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 3934 \SE@MapDeclare{cp852}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 3935 \SE@MapDeclare{cp852}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 3936 \SE@MapDeclare{cp852}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 3937 \SE@MapDeclare{cp852}{BD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 3938 \SE@MapDeclare{cp852}{BE}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 3939 \SE@MapDeclare{cp852}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 3940 \SE@MapDeclare{cp852}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 3941 \SE@MapDeclare{cp852}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 3942 \SE@MapDeclare{cp852}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 3943 \SE@MapDeclare{cp852}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 3944 \SE@MapDeclare{cp852}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 3945 \SE@MapDeclare{cp852}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 3946 \SE@MapDeclare{cp852}{C6}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 3947 \SE@MapDeclare{cp852}{C7}{0103}% LATIN SMALL LETTER A WITH BREVE  
 3948 \SE@MapDeclare{cp852}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 3949 \SE@MapDeclare{cp852}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 3950 \SE@MapDeclare{cp852}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 3951 \SE@MapDeclare{cp852}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 3952 \SE@MapDeclare{cp852}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 3953 \SE@MapDeclare{cp852}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 3954 \SE@MapDeclare{cp852}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 3955 \SE@MapDeclare{cp852}{CF}{00A4}% CURRENCY SIGN  
 3956 \SE@MapDeclare{cp852}{D0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 3957 \SE@MapDeclare{cp852}{D1}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 3958 \SE@MapDeclare{cp852}{D2}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 3959 \SE@MapDeclare{cp852}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3960 \SE@MapDeclare{cp852}{D4}{010F}% LATIN SMALL LETTER D WITH CARON  
 3961 \SE@MapDeclare{cp852}{D5}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 3962 \SE@MapDeclare{cp852}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3963 \SE@MapDeclare{cp852}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3964 \SE@MapDeclare{cp852}{D8}{011B}% LATIN SMALL LETTER E WITH CARON  
 3965 \SE@MapDeclare{cp852}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 3966 \SE@MapDeclare{cp852}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 3967 \SE@MapDeclare{cp852}{DB}{2588}% FULL BLOCK  
 3968 \SE@MapDeclare{cp852}{DC}{2584}% LOWER HALF BLOCK  
 3969 \SE@MapDeclare{cp852}{DD}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 3970 \SE@MapDeclare{cp852}{DE}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 3971 \SE@MapDeclare{cp852}{DF}{2580}% UPPER HALF BLOCK  
 3972 \SE@MapDeclare{cp852}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3973 \SE@MapDeclare{cp852}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 3974 \SE@MapDeclare{cp852}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3975 \SE@MapDeclare{cp852}{E3}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 3976 \SE@MapDeclare{cp852}{E4}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 3977 \SE@MapDeclare{cp852}{E5}{0148}% LATIN SMALL LETTER N WITH CARON  
 3978 \SE@MapDeclare{cp852}{E6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 3979 \SE@MapDeclare{cp852}{E7}{0161}% LATIN SMALL LETTER S WITH CARON  
 3980 \SE@MapDeclare{cp852}{E8}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 3981 \SE@MapDeclare{cp852}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3982 \SE@MapDeclare{cp852}{EA}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 3983 \SE@MapDeclare{cp852}{EB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 3984 \SE@MapDeclare{cp852}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 3985 \SE@MapDeclare{cp852}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 3986 \SE@MapDeclare{cp852}{EE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 3987 \SE@MapDeclare{cp852}{EF}{00B4}% ACUTE ACCENT  
 3988 \SE@MapDeclare{cp852}{F0}{00AD}% SOFT HYPHEN  
 3989 \SE@MapDeclare{cp852}{F1}{02DD}% DOUBLE ACUTE ACCENT  
 3990 \SE@MapDeclare{cp852}{F2}{02DB}% OGONEK  
 3991 \SE@MapDeclare{cp852}{F3}{02C7}% CARON  
 3992 \SE@MapDeclare{cp852}{F4}{02D8}% BREVE  
 3993 \SE@MapDeclare{cp852}{F5}{00A7}% SECTION SIGN  
 3994 \SE@MapDeclare{cp852}{F6}{00F7}% DIVISION SIGN  
 3995 \SE@MapDeclare{cp852}{F7}{00B8}% CEDILLA  
 3996 \SE@MapDeclare{cp852}{F8}{00B0}% DEGREE SIGN  
 3997 \SE@MapDeclare{cp852}{F9}{00A8}% DIAERESIS  
 3998 \SE@MapDeclare{cp852}{FA}{02D9}% DOT ABOVE

3999 \SE@MapDeclare{cp852}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 4000 \SE@MapDeclare{cp852}{FC}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 4001 \SE@MapDeclare{cp852}{FD}{0159}% LATIN SMALL LETTER R WITH CARON  
 4002 \SE@MapDeclare{cp852}{FE}{25A0}% BLACK SQUARE  
 4003 \SE@MapDeclare{cp852}{FF}{00A0}% NO-BREAK SPACE  
 4004 </cp852>

## cp855

4005 <\*cp855>  
 4006 \SE@MapDeclare{cp855}{80}{0452}% CYRILLIC SMALL LETTER DJE  
 4007 \SE@MapDeclare{cp855}{81}{0402}% CYRILLIC CAPITAL LETTER DJE  
 4008 \SE@MapDeclare{cp855}{82}{0453}% CYRILLIC SMALL LETTER GJE  
 4009 \SE@MapDeclare{cp855}{83}{0403}% CYRILLIC CAPITAL LETTER GJE  
 4010 \SE@MapDeclare{cp855}{84}{0451}% CYRILLIC SMALL LETTER IO  
 4011 \SE@MapDeclare{cp855}{85}{0401}% CYRILLIC CAPITAL LETTER IO  
 4012 \SE@MapDeclare{cp855}{86}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4013 \SE@MapDeclare{cp855}{87}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4014 \SE@MapDeclare{cp855}{88}{0455}% CYRILLIC SMALL LETTER DZE  
 4015 \SE@MapDeclare{cp855}{89}{0405}% CYRILLIC CAPITAL LETTER DZE  
 4016 \SE@MapDeclare{cp855}{8A}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 4017 \SE@MapDeclare{cp855}{8B}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 4018 \SE@MapDeclare{cp855}{8C}{0457}% CYRILLIC SMALL LETTER YI  
 4019 \SE@MapDeclare{cp855}{8D}{0407}% CYRILLIC CAPITAL LETTER YI  
 4020 \SE@MapDeclare{cp855}{8E}{0458}% CYRILLIC SMALL LETTER JE  
 4021 \SE@MapDeclare{cp855}{8F}{0408}% CYRILLIC CAPITAL LETTER JE  
 4022 \SE@MapDeclare{cp855}{90}{0459}% CYRILLIC SMALL LETTER LJE  
 4023 \SE@MapDeclare{cp855}{91}{0409}% CYRILLIC CAPITAL LETTER LJE  
 4024 \SE@MapDeclare{cp855}{92}{045A}% CYRILLIC SMALL LETTER NJE  
 4025 \SE@MapDeclare{cp855}{93}{040A}% CYRILLIC CAPITAL LETTER NJE  
 4026 \SE@MapDeclare{cp855}{94}{045B}% CYRILLIC SMALL LETTER TSHE  
 4027 \SE@MapDeclare{cp855}{95}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 4028 \SE@MapDeclare{cp855}{96}{045C}% CYRILLIC SMALL LETTER KJE  
 4029 \SE@MapDeclare{cp855}{97}{040C}% CYRILLIC CAPITAL LETTER KJE  
 4030 \SE@MapDeclare{cp855}{98}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4031 \SE@MapDeclare{cp855}{99}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4032 \SE@MapDeclare{cp855}{9A}{045F}% CYRILLIC SMALL LETTER DZHE  
 4033 \SE@MapDeclare{cp855}{9B}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 4034 \SE@MapDeclare{cp855}{9C}{044E}% CYRILLIC SMALL LETTER YU  
 4035 \SE@MapDeclare{cp855}{9D}{042E}% CYRILLIC CAPITAL LETTER YU  
 4036 \SE@MapDeclare{cp855}{9E}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4037 \SE@MapDeclare{cp855}{9F}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4038 \SE@MapDeclare{cp855}{A0}{0430}% CYRILLIC SMALL LETTER A  
 4039 \SE@MapDeclare{cp855}{A1}{0410}% CYRILLIC CAPITAL LETTER A  
 4040 \SE@MapDeclare{cp855}{A2}{0431}% CYRILLIC SMALL LETTER BE  
 4041 \SE@MapDeclare{cp855}{A3}{0411}% CYRILLIC CAPITAL LETTER BE  
 4042 \SE@MapDeclare{cp855}{A4}{0446}% CYRILLIC SMALL LETTER TSE  
 4043 \SE@MapDeclare{cp855}{A5}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4044 \SE@MapDeclare{cp855}{A6}{0434}% CYRILLIC SMALL LETTER DE  
 4045 \SE@MapDeclare{cp855}{A7}{0414}% CYRILLIC CAPITAL LETTER DE  
 4046 \SE@MapDeclare{cp855}{A8}{0435}% CYRILLIC SMALL LETTER IE  
 4047 \SE@MapDeclare{cp855}{A9}{0415}% CYRILLIC CAPITAL LETTER IE  
 4048 \SE@MapDeclare{cp855}{AA}{0444}% CYRILLIC SMALL LETTER EF  
 4049 \SE@MapDeclare{cp855}{AB}{0424}% CYRILLIC CAPITAL LETTER EF  
 4050 \SE@MapDeclare{cp855}{AC}{0433}% CYRILLIC SMALL LETTER GHE  
 4051 \SE@MapDeclare{cp855}{AD}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4052 \SE@MapDeclare{cp855}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4053 \SE@MapDeclare{cp855}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4054 \SE@MapDeclare{cp855}{B0}{2591}% LIGHT SHADE  
 4055 \SE@MapDeclare{cp855}{B1}{2592}% MEDIUM SHADE  
 4056 \SE@MapDeclare{cp855}{B2}{2593}% DARK SHADE  
 4057 \SE@MapDeclare{cp855}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4058 \SE@MapDeclare{cp855}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4059 \SE@MapDeclare{cp855}{B5}{0445}% CYRILLIC SMALL LETTER HA  
 4060 \SE@MapDeclare{cp855}{B6}{0425}% CYRILLIC CAPITAL LETTER HA  
 4061 \SE@MapDeclare{cp855}{B7}{0438}% CYRILLIC SMALL LETTER I  
 4062 \SE@MapDeclare{cp855}{B8}{0418}% CYRILLIC CAPITAL LETTER I  
 4063 \SE@MapDeclare{cp855}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4064 \SE@MapDeclare{cp855}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4065 \SE@MapDeclare{cp855}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4066 \SE@MapDeclare{cp855}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4067 \SE@MapDeclare{cp855}{BD}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4068 \SE@MapDeclare{cp855}{BE}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4069 \SE@MapDeclare{cp855}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4070 \SE@MapDeclare{cp855}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4071 \SE@MapDeclare{cp855}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4072 \SE@MapDeclare{cp855}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4073 \SE@MapDeclare{cp855}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4074 \SE@MapDeclare{cp855}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4075 \SE@MapDeclare{cp855}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4076 \SE@MapDeclare{cp855}{C6}{043A}% CYRILLIC SMALL LETTER KA  
 4077 \SE@MapDeclare{cp855}{C7}{041A}% CYRILLIC CAPITAL LETTER KA  
 4078 \SE@MapDeclare{cp855}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4079 \SE@MapDeclare{cp855}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4080 \SE@MapDeclare{cp855}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL

4081 \SE@MapDeclare{cp855}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
4082 \SE@MapDeclare{cp855}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
4083 \SE@MapDeclare{cp855}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
4084 \SE@MapDeclare{cp855}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
4085 \SE@MapDeclare{cp855}{CF}{00A4}% CURRENCY SIGN  
4086 \SE@MapDeclare{cp855}{D0}{043B}% CYRILLIC SMALL LETTER EL  
4087 \SE@MapDeclare{cp855}{D1}{041B}% CYRILLIC CAPITAL LETTER EL  
4088 \SE@MapDeclare{cp855}{D2}{043C}% CYRILLIC SMALL LETTER EM  
4089 \SE@MapDeclare{cp855}{D3}{041C}% CYRILLIC CAPITAL LETTER EM  
4090 \SE@MapDeclare{cp855}{D4}{043D}% CYRILLIC SMALL LETTER EN  
4091 \SE@MapDeclare{cp855}{D5}{041D}% CYRILLIC CAPITAL LETTER EN  
4092 \SE@MapDeclare{cp855}{D6}{043E}% CYRILLIC SMALL LETTER O  
4093 \SE@MapDeclare{cp855}{D7}{041E}% CYRILLIC CAPITAL LETTER O  
4094 \SE@MapDeclare{cp855}{D8}{043F}% CYRILLIC SMALL LETTER PE  
4095 \SE@MapDeclare{cp855}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
4096 \SE@MapDeclare{cp855}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
4097 \SE@MapDeclare{cp855}{DB}{2588}% FULL BLOCK  
4098 \SE@MapDeclare{cp855}{DC}{2584}% LOWER HALF BLOCK  
4099 \SE@MapDeclare{cp855}{DD}{041F}% CYRILLIC CAPITAL LETTER PE  
4100 \SE@MapDeclare{cp855}{DE}{044F}% CYRILLIC SMALL LETTER YA  
4101 \SE@MapDeclare{cp855}{DF}{2580}% UPPER HALF BLOCK  
4102 \SE@MapDeclare{cp855}{E0}{042F}% CYRILLIC CAPITAL LETTER YA  
4103 \SE@MapDeclare{cp855}{E1}{0440}% CYRILLIC SMALL LETTER ER  
4104 \SE@MapDeclare{cp855}{E2}{0420}% CYRILLIC CAPITAL LETTER ER  
4105 \SE@MapDeclare{cp855}{E3}{0441}% CYRILLIC SMALL LETTER ES  
4106 \SE@MapDeclare{cp855}{E4}{0421}% CYRILLIC CAPITAL LETTER ES  
4107 \SE@MapDeclare{cp855}{E5}{0442}% CYRILLIC SMALL LETTER TE  
4108 \SE@MapDeclare{cp855}{E6}{0422}% CYRILLIC CAPITAL LETTER TE  
4109 \SE@MapDeclare{cp855}{E7}{0443}% CYRILLIC SMALL LETTER U  
4110 \SE@MapDeclare{cp855}{E8}{0423}% CYRILLIC CAPITAL LETTER U  
4111 \SE@MapDeclare{cp855}{E9}{0436}% CYRILLIC SMALL LETTER ZHE  
4112 \SE@MapDeclare{cp855}{EA}{0416}% CYRILLIC CAPITAL LETTER ZHE  
4113 \SE@MapDeclare{cp855}{EB}{0432}% CYRILLIC SMALL LETTER VE  
4114 \SE@MapDeclare{cp855}{EC}{0412}% CYRILLIC CAPITAL LETTER VE  
4115 \SE@MapDeclare{cp855}{ED}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
4116 \SE@MapDeclare{cp855}{EE}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
4117 \SE@MapDeclare{cp855}{EF}{2116}% NUMERO SIGN  
4118 \SE@MapDeclare{cp855}{F0}{00AD}% SOFT HYPHEN  
4119 \SE@MapDeclare{cp855}{F1}{044B}% CYRILLIC SMALL LETTER YERU  
4120 \SE@MapDeclare{cp855}{F2}{042B}% CYRILLIC CAPITAL LETTER YERU  
4121 \SE@MapDeclare{cp855}{F3}{0437}% CYRILLIC SMALL LETTER ZE  
4122 \SE@MapDeclare{cp855}{F4}{0417}% CYRILLIC CAPITAL LETTER ZE  
4123 \SE@MapDeclare{cp855}{F5}{0448}% CYRILLIC SMALL LETTER SHA  
4124 \SE@MapDeclare{cp855}{F6}{0428}% CYRILLIC CAPITAL LETTER SHA  
4125 \SE@MapDeclare{cp855}{F7}{044D}% CYRILLIC SMALL LETTER E  
4126 \SE@MapDeclare{cp855}{F8}{042D}% CYRILLIC CAPITAL LETTER E  
4127 \SE@MapDeclare{cp855}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
4128 \SE@MapDeclare{cp855}{FA}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
4129 \SE@MapDeclare{cp855}{FB}{0447}% CYRILLIC SMALL LETTER CHE  
4130 \SE@MapDeclare{cp855}{FC}{0427}% CYRILLIC CAPITAL LETTER CHE  
4131 \SE@MapDeclare{cp855}{FD}{00A7}% SECTION SIGN  
4132 \SE@MapDeclare{cp855}{FE}{25A0}% BLACK SQUARE  
4133 \SE@MapDeclare{cp855}{FF}{00A0}% NO-BREAK SPACE  
4134 \SE@MapDeclare{cp855}

## cp858

4135 \SE@MapDeclare{cp858}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
4136 \SE@MapDeclare{cp858}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
4137 \SE@MapDeclare{cp858}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
4138 \SE@MapDeclare{cp858}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
4139 \SE@MapDeclare{cp858}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
4140 \SE@MapDeclare{cp858}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
4141 \SE@MapDeclare{cp858}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
4142 \SE@MapDeclare{cp858}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
4143 \SE@MapDeclare{cp858}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
4144 \SE@MapDeclare{cp858}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
4145 \SE@MapDeclare{cp858}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
4146 \SE@MapDeclare{cp858}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
4147 \SE@MapDeclare{cp858}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
4148 \SE@MapDeclare{cp858}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
4149 \SE@MapDeclare{cp858}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
4150 \SE@MapDeclare{cp858}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
4151 \SE@MapDeclare{cp858}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
4152 \SE@MapDeclare{cp858}{91}{00E6}% LATIN SMALL LIGATURE AE  
4153 \SE@MapDeclare{cp858}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
4154 \SE@MapDeclare{cp858}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
4155 \SE@MapDeclare{cp858}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
4156 \SE@MapDeclare{cp858}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
4157 \SE@MapDeclare{cp858}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
4158 \SE@MapDeclare{cp858}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
4159 \SE@MapDeclare{cp858}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
4160 \SE@MapDeclare{cp858}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
4161 \SE@MapDeclare{cp858}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS

4163 \SE@MapDeclare{cp858}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4164 \SE@MapDeclare{cp858}{9C}{00A3}% POUND SIGN  
 4165 \SE@MapDeclare{cp858}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4166 \SE@MapDeclare{cp858}{9E}{00D7}% MULTIPLICATION SIGN  
 4167 \SE@MapDeclare{cp858}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 4168 \SE@MapDeclare{cp858}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4169 \SE@MapDeclare{cp858}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4170 \SE@MapDeclare{cp858}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4171 \SE@MapDeclare{cp858}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4172 \SE@MapDeclare{cp858}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 4173 \SE@MapDeclare{cp858}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 4174 \SE@MapDeclare{cp858}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 4175 \SE@MapDeclare{cp858}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 4176 \SE@MapDeclare{cp858}{A8}{00BF}% INVERTED QUESTION MARK  
 4177 \SE@MapDeclare{cp858}{A9}{00AE}% REGISTERED SIGN  
 4178 \SE@MapDeclare{cp858}{AA}{00AC}% NOT SIGN  
 4179 \SE@MapDeclare{cp858}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 4180 \SE@MapDeclare{cp858}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4181 \SE@MapDeclare{cp858}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 4182 \SE@MapDeclare{cp858}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4183 \SE@MapDeclare{cp858}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4184 \SE@MapDeclare{cp858}{B0}{2591}% LIGHT SHADE  
 4185 \SE@MapDeclare{cp858}{B1}{2592}% MEDIUM SHADE  
 4186 \SE@MapDeclare{cp858}{B2}{2593}% DARK SHADE  
 4187 \SE@MapDeclare{cp858}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4188 \SE@MapDeclare{cp858}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4189 \SE@MapDeclare{cp858}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4190 \SE@MapDeclare{cp858}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4191 \SE@MapDeclare{cp858}{B7}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 4192 \SE@MapDeclare{cp858}{B8}{00A9}% COPYRIGHT SIGN  
 4193 \SE@MapDeclare{cp858}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4194 \SE@MapDeclare{cp858}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4195 \SE@MapDeclare{cp858}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4196 \SE@MapDeclare{cp858}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4197 \SE@MapDeclare{cp858}{BD}{00A2}% CENT SIGN  
 4198 \SE@MapDeclare{cp858}{BE}{00A5}% YEN SIGN  
 4199 \SE@MapDeclare{cp858}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4200 \SE@MapDeclare{cp858}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4201 \SE@MapDeclare{cp858}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4202 \SE@MapDeclare{cp858}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4203 \SE@MapDeclare{cp858}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4204 \SE@MapDeclare{cp858}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4205 \SE@MapDeclare{cp858}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4206 \SE@MapDeclare{cp858}{C6}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 4207 \SE@MapDeclare{cp858}{C7}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 4208 \SE@MapDeclare{cp858}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4209 \SE@MapDeclare{cp858}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4210 \SE@MapDeclare{cp858}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4211 \SE@MapDeclare{cp858}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4212 \SE@MapDeclare{cp858}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4213 \SE@MapDeclare{cp858}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4214 \SE@MapDeclare{cp858}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4215 \SE@MapDeclare{cp858}{CF}{00A4}% CURRENCY SIGN  
 4216 \SE@MapDeclare{cp858}{D0}{00F0}% LATIN SMALL LETTER ETH  
 4217 \SE@MapDeclare{cp858}{D1}{00D0}% LATIN CAPITAL LETTER ETH  
 4218 \SE@MapDeclare{cp858}{D2}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 4219 \SE@MapDeclare{cp858}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4220 \SE@MapDeclare{cp858}{D4}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 4221 \SE@MapDeclare{cp858}{D5}{20AC}% EURO SIGN  
 4222 \SE@MapDeclare{cp858}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4223 \SE@MapDeclare{cp858}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4224 \SE@MapDeclare{cp858}{D8}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 4225 \SE@MapDeclare{cp858}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4226 \SE@MapDeclare{cp858}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4227 \SE@MapDeclare{cp858}{DB}{2588}% FULL BLOCK  
 4228 \SE@MapDeclare{cp858}{DC}{2584}% LOWER HALF BLOCK  
 4229 \SE@MapDeclare{cp858}{DD}{00A6}% BROKEN BAR  
 4230 \SE@MapDeclare{cp858}{DE}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 4231 \SE@MapDeclare{cp858}{DF}{2580}% UPPER HALF BLOCK  
 4232 \SE@MapDeclare{cp858}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4233 \SE@MapDeclare{cp858}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4234 \SE@MapDeclare{cp858}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4235 \SE@MapDeclare{cp858}{E3}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 4236 \SE@MapDeclare{cp858}{E4}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 4237 \SE@MapDeclare{cp858}{E5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 4238 \SE@MapDeclare{cp858}{E6}{00B5}% MICRO SIGN  
 4239 \SE@MapDeclare{cp858}{E7}{00FE}% LATIN SMALL LETTER THORN  
 4240 \SE@MapDeclare{cp858}{E8}{00DE}% LATIN CAPITAL LETTER THORN  
 4241 \SE@MapDeclare{cp858}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4242 \SE@MapDeclare{cp858}{EA}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 4243 \SE@MapDeclare{cp858}{EB}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 4244 \SE@MapDeclare{cp858}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4245 \SE@MapDeclare{cp858}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4246 \SE@MapDeclare{cp858}{EE}{00AF}% MACRON  
 4247 \SE@MapDeclare{cp858}{EF}{00B4}% ACUTE ACCENT  
 4248 \SE@MapDeclare{cp858}{F0}{00AD}% SOFT HYPHEN

4249 \SE@MapDeclare{cp858}{F1}{00B1}% PLUS-MINUS SIGN  
 4250 \SE@MapDeclare{cp858}{F2}{2017}% DOUBLE LOW LINE  
 4251 \SE@MapDeclare{cp858}{F3}{00BE}% VULGAR FRACTION THREE QUARTERS  
 4252 \SE@MapDeclare{cp858}{F4}{00B6}% PILCROW SIGN  
 4253 \SE@MapDeclare{cp858}{F5}{00A7}% SECTION SIGN  
 4254 \SE@MapDeclare{cp858}{F6}{00F7}% DIVISION SIGN  
 4255 \SE@MapDeclare{cp858}{F7}{00B8}% CEDILLA  
 4256 \SE@MapDeclare{cp858}{F8}{00B0}% DEGREE SIGN  
 4257 \SE@MapDeclare{cp858}{F9}{00A8}% DIAERESIS  
 4258 \SE@MapDeclare{cp858}{FA}{00B7}% MIDDLE DOT  
 4259 \SE@MapDeclare{cp858}{FB}{00B9}% SUPERSCRIFT ONE  
 4260 \SE@MapDeclare{cp858}{FC}{00B3}% SUPERSCRIFT THREE  
 4261 \SE@MapDeclare{cp858}{FD}{00B2}% SUPERSCRIFT TWO  
 4262 \SE@MapDeclare{cp858}{FE}{25A0}% BLACK SQUARE  
 4263 \SE@MapDeclare{cp858}{FF}{00A0}% NO-BREAK SPACE  
 4264 </cp858>

## cp865

4265 <\*cp865>  
 4266 \SE@MapDeclare{cp865}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4267 \SE@MapDeclare{cp865}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4268 \SE@MapDeclare{cp865}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4269 \SE@MapDeclare{cp865}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4270 \SE@MapDeclare{cp865}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4271 \SE@MapDeclare{cp865}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 4272 \SE@MapDeclare{cp865}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 4273 \SE@MapDeclare{cp865}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4274 \SE@MapDeclare{cp865}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 4275 \SE@MapDeclare{cp865}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4276 \SE@MapDeclare{cp865}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 4277 \SE@MapDeclare{cp865}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 4278 \SE@MapDeclare{cp865}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4279 \SE@MapDeclare{cp865}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 4280 \SE@MapDeclare{cp865}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4281 \SE@MapDeclare{cp865}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 4282 \SE@MapDeclare{cp865}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4283 \SE@MapDeclare{cp865}{91}{00E6}% LATIN SMALL LIGATURE AE  
 4284 \SE@MapDeclare{cp865}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 4285 \SE@MapDeclare{cp865}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4286 \SE@MapDeclare{cp865}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4287 \SE@MapDeclare{cp865}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 4288 \SE@MapDeclare{cp865}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 4289 \SE@MapDeclare{cp865}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 4290 \SE@MapDeclare{cp865}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 4291 \SE@MapDeclare{cp865}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4292 \SE@MapDeclare{cp865}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4293 \SE@MapDeclare{cp865}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4294 \SE@MapDeclare{cp865}{9C}{00A3}% POUND SIGN  
 4295 \SE@MapDeclare{cp865}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4296 \SE@MapDeclare{cp865}{9E}{20A7}% PESETA SIGN  
 4297 \SE@MapDeclare{cp865}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 4298 \SE@MapDeclare{cp865}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4299 \SE@MapDeclare{cp865}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4300 \SE@MapDeclare{cp865}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4301 \SE@MapDeclare{cp865}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4302 \SE@MapDeclare{cp865}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 4303 \SE@MapDeclare{cp865}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 4304 \SE@MapDeclare{cp865}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 4305 \SE@MapDeclare{cp865}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 4306 \SE@MapDeclare{cp865}{A8}{00BF}% INVERTED QUESTION MARK  
 4307 \SE@MapDeclare{cp865}{A9}{2310}% REVERSED NOT SIGN  
 4308 \SE@MapDeclare{cp865}{AA}{00AC}% NOT SIGN  
 4309 \SE@MapDeclare{cp865}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 4310 \SE@MapDeclare{cp865}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4311 \SE@MapDeclare{cp865}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 4312 \SE@MapDeclare{cp865}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4313 \SE@MapDeclare{cp865}{AF}{00A4}% CURRENCY SIGN  
 4314 \SE@MapDeclare{cp865}{B0}{2591}% LIGHT SHADE  
 4315 \SE@MapDeclare{cp865}{B1}{2592}% MEDIUM SHADE  
 4316 \SE@MapDeclare{cp865}{B2}{2593}% DARK SHADE  
 4317 \SE@MapDeclare{cp865}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4318 \SE@MapDeclare{cp865}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4319 \SE@MapDeclare{cp865}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 4320 \SE@MapDeclare{cp865}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 4321 \SE@MapDeclare{cp865}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 4322 \SE@MapDeclare{cp865}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 4323 \SE@MapDeclare{cp865}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4324 \SE@MapDeclare{cp865}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4325 \SE@MapDeclare{cp865}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4326 \SE@MapDeclare{cp865}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4327 \SE@MapDeclare{cp865}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 4328 \SE@MapDeclare{cp865}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 4329 \SE@MapDeclare{cp865}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4330 \SE@MapDeclare{cp865}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT

4331 \SE@MapDeclare{cp865}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
4332 \SE@MapDeclare{cp865}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
4333 \SE@MapDeclare{cp865}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
4334 \SE@MapDeclare{cp865}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
4335 \SE@MapDeclare{cp865}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
4336 \SE@MapDeclare{cp865}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
4337 \SE@MapDeclare{cp865}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
4338 \SE@MapDeclare{cp865}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
4339 \SE@MapDeclare{cp865}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
4340 \SE@MapDeclare{cp865}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
4341 \SE@MapDeclare{cp865}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
4342 \SE@MapDeclare{cp865}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
4343 \SE@MapDeclare{cp865}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
4344 \SE@MapDeclare{cp865}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
4345 \SE@MapDeclare{cp865}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
4346 \SE@MapDeclare{cp865}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
4347 \SE@MapDeclare{cp865}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
4348 \SE@MapDeclare{cp865}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
4349 \SE@MapDeclare{cp865}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
4350 \SE@MapDeclare{cp865}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
4351 \SE@MapDeclare{cp865}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
4352 \SE@MapDeclare{cp865}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
4353 \SE@MapDeclare{cp865}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
4354 \SE@MapDeclare{cp865}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
4355 \SE@MapDeclare{cp865}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
4356 \SE@MapDeclare{cp865}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
4357 \SE@MapDeclare{cp865}{DB}{2588}% FULL BLOCK  
4358 \SE@MapDeclare{cp865}{DC}{2584}% LOWER HALF BLOCK  
4359 \SE@MapDeclare{cp865}{DD}{258C}% LEFT HALF BLOCK  
4360 \SE@MapDeclare{cp865}{DE}{2590}% RIGHT HALF BLOCK  
4361 \SE@MapDeclare{cp865}{DF}{2580}% UPPER HALF BLOCK  
4362 \SE@MapDeclare{cp865}{E0}{03B1}% GREEK SMALL LETTER ALPHA  
4363 \SE@MapDeclare{cp865}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
4364 \SE@MapDeclare{cp865}{E2}{0393}% GREEK CAPITAL LETTER GAMMA  
4365 \SE@MapDeclare{cp865}{E3}{03C0}% GREEK SMALL LETTER PI  
4366 \SE@MapDeclare{cp865}{E4}{03A3}% GREEK CAPITAL LETTER SIGMA  
4367 \SE@MapDeclare{cp865}{E5}{03C3}% GREEK SMALL LETTER SIGMA  
4368 \SE@MapDeclare{cp865}{E6}{00B5}% MICRO SIGN  
4369 \SE@MapDeclare{cp865}{E7}{03C4}% GREEK SMALL LETTER TAU  
4370 \SE@MapDeclare{cp865}{E8}{03A6}% GREEK CAPITAL LETTER PHI  
4371 \SE@MapDeclare{cp865}{E9}{0398}% GREEK CAPITAL LETTER THETA  
4372 \SE@MapDeclare{cp865}{EA}{03A9}% GREEK CAPITAL LETTER OMEGA  
4373 \SE@MapDeclare{cp865}{EB}{03B4}% GREEK SMALL LETTER DELTA  
4374 \SE@MapDeclare{cp865}{EC}{221E}% INFINITY  
4375 \SE@MapDeclare{cp865}{ED}{03C6}% GREEK SMALL LETTER PHI  
4376 \SE@MapDeclare{cp865}{EE}{03B5}% GREEK SMALL LETTER EPSILON  
4377 \SE@MapDeclare{cp865}{EF}{2229}% INTERSECTION  
4378 \SE@MapDeclare{cp865}{F0}{2261}% IDENTICAL TO  
4379 \SE@MapDeclare{cp865}{F1}{00B1}% PLUS-MINUS SIGN  
4380 \SE@MapDeclare{cp865}{F2}{2265}% GREATER-THAN OR EQUAL TO  
4381 \SE@MapDeclare{cp865}{F3}{2264}% LESS-THAN OR EQUAL TO  
4382 \SE@MapDeclare{cp865}{F4}{2320}% TOP HALF INTEGRAL  
4383 \SE@MapDeclare{cp865}{F5}{2321}% BOTTOM HALF INTEGRAL  
4384 \SE@MapDeclare{cp865}{F6}{00F7}% DIVISION SIGN  
4385 \SE@MapDeclare{cp865}{F7}{2248}% ALMOST EQUAL TO  
4386 \SE@MapDeclare{cp865}{F8}{00B0}% DEGREE SIGN  
4387 \SE@MapDeclare{cp865}{F9}{2219}% BULLET OPERATOR  
4388 \SE@MapDeclare{cp865}{FA}{00B7}% MIDDLE DOT  
4389 \SE@MapDeclare{cp865}{FB}{221A}% SQUARE ROOT  
4390 \SE@MapDeclare{cp865}{FC}{207F}% SUPERScript LATIN SMALL LETTER N  
4391 \SE@MapDeclare{cp865}{FD}{00B2}% SUPERScript TWO  
4392 \SE@MapDeclare{cp865}{FE}{25A0}% BLACK SQUARE  
4393 \SE@MapDeclare{cp865}{FF}{00A0}% NO-BREAK SPACE  
4394 (/cp865)

## cp866

4395 (\*cp866)  
4396 \SE@MapDeclare{cp866}{80}{0410}% CYRILLIC CAPITAL LETTER A  
4397 \SE@MapDeclare{cp866}{81}{0411}% CYRILLIC CAPITAL LETTER BE  
4398 \SE@MapDeclare{cp866}{82}{0412}% CYRILLIC CAPITAL LETTER VE  
4399 \SE@MapDeclare{cp866}{83}{0413}% CYRILLIC CAPITAL LETTER GHE  
4400 \SE@MapDeclare{cp866}{84}{0414}% CYRILLIC CAPITAL LETTER DE  
4401 \SE@MapDeclare{cp866}{85}{0415}% CYRILLIC CAPITAL LETTER IE  
4402 \SE@MapDeclare{cp866}{86}{0416}% CYRILLIC CAPITAL LETTER ZHE  
4403 \SE@MapDeclare{cp866}{87}{0417}% CYRILLIC CAPITAL LETTER ZE  
4404 \SE@MapDeclare{cp866}{88}{0418}% CYRILLIC CAPITAL LETTER I  
4405 \SE@MapDeclare{cp866}{89}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
4406 \SE@MapDeclare{cp866}{8A}{041A}% CYRILLIC CAPITAL LETTER KA  
4407 \SE@MapDeclare{cp866}{8B}{041B}% CYRILLIC CAPITAL LETTER EL  
4408 \SE@MapDeclare{cp866}{8C}{041C}% CYRILLIC CAPITAL LETTER EM  
4409 \SE@MapDeclare{cp866}{8D}{041D}% CYRILLIC CAPITAL LETTER EN  
4410 \SE@MapDeclare{cp866}{8E}{041E}% CYRILLIC CAPITAL LETTER O  
4411 \SE@MapDeclare{cp866}{8F}{041F}% CYRILLIC CAPITAL LETTER PE  
4412 \SE@MapDeclare{cp866}{90}{0420}% CYRILLIC CAPITAL LETTER ER

4413 \SE@MapDeclare{cp866}{91}{0421}% CYRILLIC CAPITAL LETTER ES  
 4414 \SE@MapDeclare{cp866}{92}{0422}% CYRILLIC CAPITAL LETTER TE  
 4415 \SE@MapDeclare{cp866}{93}{0423}% CYRILLIC CAPITAL LETTER U  
 4416 \SE@MapDeclare{cp866}{94}{0424}% CYRILLIC CAPITAL LETTER EF  
 4417 \SE@MapDeclare{cp866}{95}{0425}% CYRILLIC CAPITAL LETTER HA  
 4418 \SE@MapDeclare{cp866}{96}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4419 \SE@MapDeclare{cp866}{97}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4420 \SE@MapDeclare{cp866}{98}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4421 \SE@MapDeclare{cp866}{99}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4422 \SE@MapDeclare{cp866}{9A}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4423 \SE@MapDeclare{cp866}{9B}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4424 \SE@MapDeclare{cp866}{9C}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4425 \SE@MapDeclare{cp866}{9D}{042D}% CYRILLIC CAPITAL LETTER E  
 4426 \SE@MapDeclare{cp866}{9E}{042E}% CYRILLIC CAPITAL LETTER YU  
 4427 \SE@MapDeclare{cp866}{9F}{042F}% CYRILLIC CAPITAL LETTER YA  
 4428 \SE@MapDeclare{cp866}{A0}{0430}% CYRILLIC SMALL LETTER A  
 4429 \SE@MapDeclare{cp866}{A1}{0431}% CYRILLIC SMALL LETTER BE  
 4430 \SE@MapDeclare{cp866}{A2}{0432}% CYRILLIC SMALL LETTER VE  
 4431 \SE@MapDeclare{cp866}{A3}{0433}% CYRILLIC SMALL LETTER GHE  
 4432 \SE@MapDeclare{cp866}{A4}{0434}% CYRILLIC SMALL LETTER DE  
 4433 \SE@MapDeclare{cp866}{A5}{0435}% CYRILLIC SMALL LETTER IE  
 4434 \SE@MapDeclare{cp866}{A6}{0436}% CYRILLIC SMALL LETTER ZHE  
 4435 \SE@MapDeclare{cp866}{A7}{0437}% CYRILLIC SMALL LETTER ZE  
 4436 \SE@MapDeclare{cp866}{A8}{0438}% CYRILLIC SMALL LETTER I  
 4437 \SE@MapDeclare{cp866}{A9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4438 \SE@MapDeclare{cp866}{AA}{043A}% CYRILLIC SMALL LETTER KA  
 4439 \SE@MapDeclare{cp866}{AB}{043B}% CYRILLIC SMALL LETTER EL  
 4440 \SE@MapDeclare{cp866}{AC}{043C}% CYRILLIC SMALL LETTER EM  
 4441 \SE@MapDeclare{cp866}{AD}{043D}% CYRILLIC SMALL LETTER EN  
 4442 \SE@MapDeclare{cp866}{AE}{043E}% CYRILLIC SMALL LETTER O  
 4443 \SE@MapDeclare{cp866}{AF}{043F}% CYRILLIC SMALL LETTER PE  
 4444 \SE@MapDeclare{cp866}{B0}{2591}% LIGHT SHADE  
 4445 \SE@MapDeclare{cp866}{B1}{2592}% MEDIUM SHADE  
 4446 \SE@MapDeclare{cp866}{B2}{2593}% DARK SHADE  
 4447 \SE@MapDeclare{cp866}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4448 \SE@MapDeclare{cp866}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4449 \SE@MapDeclare{cp866}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 4450 \SE@MapDeclare{cp866}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 4451 \SE@MapDeclare{cp866}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 4452 \SE@MapDeclare{cp866}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 4453 \SE@MapDeclare{cp866}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4454 \SE@MapDeclare{cp866}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4455 \SE@MapDeclare{cp866}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4456 \SE@MapDeclare{cp866}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4457 \SE@MapDeclare{cp866}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 4458 \SE@MapDeclare{cp866}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 4459 \SE@MapDeclare{cp866}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4460 \SE@MapDeclare{cp866}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4461 \SE@MapDeclare{cp866}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4462 \SE@MapDeclare{cp866}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4463 \SE@MapDeclare{cp866}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4464 \SE@MapDeclare{cp866}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4465 \SE@MapDeclare{cp866}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4466 \SE@MapDeclare{cp866}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 4467 \SE@MapDeclare{cp866}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 4468 \SE@MapDeclare{cp866}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4469 \SE@MapDeclare{cp866}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4470 \SE@MapDeclare{cp866}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4471 \SE@MapDeclare{cp866}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4472 \SE@MapDeclare{cp866}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4473 \SE@MapDeclare{cp866}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4474 \SE@MapDeclare{cp866}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4475 \SE@MapDeclare{cp866}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 4476 \SE@MapDeclare{cp866}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 4477 \SE@MapDeclare{cp866}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 4478 \SE@MapDeclare{cp866}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 4479 \SE@MapDeclare{cp866}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 4480 \SE@MapDeclare{cp866}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 4481 \SE@MapDeclare{cp866}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 4482 \SE@MapDeclare{cp866}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 4483 \SE@MapDeclare{cp866}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 4484 \SE@MapDeclare{cp866}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 4485 \SE@MapDeclare{cp866}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4486 \SE@MapDeclare{cp866}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4487 \SE@MapDeclare{cp866}{DB}{2588}% FULL BLOCK  
 4488 \SE@MapDeclare{cp866}{DC}{2584}% LOWER HALF BLOCK  
 4489 \SE@MapDeclare{cp866}{DD}{258C}% LEFT HALF BLOCK  
 4490 \SE@MapDeclare{cp866}{DE}{2590}% RIGHT HALF BLOCK  
 4491 \SE@MapDeclare{cp866}{DF}{2580}% UPPER HALF BLOCK  
 4492 \SE@MapDeclare{cp866}{E0}{0440}% CYRILLIC SMALL LETTER ER  
 4493 \SE@MapDeclare{cp866}{E1}{0441}% CYRILLIC SMALL LETTER ES  
 4494 \SE@MapDeclare{cp866}{E2}{0442}% CYRILLIC SMALL LETTER TE  
 4495 \SE@MapDeclare{cp866}{E3}{0443}% CYRILLIC SMALL LETTER U  
 4496 \SE@MapDeclare{cp866}{E4}{0444}% CYRILLIC SMALL LETTER EF  
 4497 \SE@MapDeclare{cp866}{E5}{0445}% CYRILLIC SMALL LETTER HA  
 4498 \SE@MapDeclare{cp866}{E6}{0446}% CYRILLIC SMALL LETTER TSE

4499 \SE@MapDeclare{cp866}{E7}{0447}% CYRILLIC SMALL LETTER CHE  
 4500 \SE@MapDeclare{cp866}{E8}{0448}% CYRILLIC SMALL LETTER SHA  
 4501 \SE@MapDeclare{cp866}{E9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4502 \SE@MapDeclare{cp866}{EA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4503 \SE@MapDeclare{cp866}{EB}{044B}% CYRILLIC SMALL LETTER YERU  
 4504 \SE@MapDeclare{cp866}{EC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4505 \SE@MapDeclare{cp866}{ED}{044D}% CYRILLIC SMALL LETTER E  
 4506 \SE@MapDeclare{cp866}{EE}{044E}% CYRILLIC SMALL LETTER YU  
 4507 \SE@MapDeclare{cp866}{EF}{044F}% CYRILLIC SMALL LETTER YA  
 4508 \SE@MapDeclare{cp866}{F0}{0401}% CYRILLIC CAPITAL LETTER IO  
 4509 \SE@MapDeclare{cp866}{F1}{0451}% CYRILLIC SMALL LETTER IO  
 4510 \SE@MapDeclare{cp866}{F2}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4511 \SE@MapDeclare{cp866}{F3}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4512 \SE@MapDeclare{cp866}{F4}{0407}% CYRILLIC CAPITAL LETTER YI  
 4513 \SE@MapDeclare{cp866}{F5}{0457}% CYRILLIC SMALL LETTER YI  
 4514 \SE@MapDeclare{cp866}{F6}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4515 \SE@MapDeclare{cp866}{F7}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4516 \SE@MapDeclare{cp866}{F8}{00B0}% DEGREE SIGN  
 4517 \SE@MapDeclare{cp866}{F9}{2219}% BULLET OPERATOR  
 4518 \SE@MapDeclare{cp866}{FA}{00B7}% MIDDLE DOT  
 4519 \SE@MapDeclare{cp866}{FB}{221A}% SQUARE ROOT  
 4520 \SE@MapDeclare{cp866}{FC}{2116}% NUMERO SIGN  
 4521 \SE@MapDeclare{cp866}{FD}{00A4}% CURRENCY SIGN  
 4522 \SE@MapDeclare{cp866}{FE}{25A0}% BLACK SQUARE  
 4523 \SE@MapDeclare{cp866}{FF}{00A0}% NO-BREAK SPACE  
 4524 \SE@MapDeclare{cp866}

## cp1250

4525 \SE@MapDeclare{cp1250}{80}{20AC}% EURO SIGN  
 4526 \SE@MapDeclare{cp1250}{81}{201A}% SINGLE LOW-9 QUOTATION MARK  
 4527 \SE@MapDeclare{cp1250}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
 4528 \SE@MapDeclare{cp1250}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 4529 \SE@MapDeclare{cp1250}{85}{2026}% HORIZONTAL ELLIPSIS  
 4530 \SE@MapDeclare{cp1250}{86}{2020}% DAGGER  
 4531 \SE@MapDeclare{cp1250}{87}{2021}% DOUBLE DAGGER  
 4532 \SE@MapDeclare{cp1250}{89}{2030}% PER MILLE SIGN  
 4533 \SE@MapDeclare{cp1250}{8A}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 4534 \SE@MapDeclare{cp1250}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 4535 \SE@MapDeclare{cp1250}{8C}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 4536 \SE@MapDeclare{cp1250}{8D}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 4537 \SE@MapDeclare{cp1250}{8E}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 4538 \SE@MapDeclare{cp1250}{8F}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 4539 \SE@MapDeclare{cp1250}{91}{2018}% LEFT SINGLE QUOTATION MARK  
 4540 \SE@MapDeclare{cp1250}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
 4541 \SE@MapDeclare{cp1250}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
 4542 \SE@MapDeclare{cp1250}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
 4543 \SE@MapDeclare{cp1250}{95}{2022}% BULLET  
 4544 \SE@MapDeclare{cp1250}{96}{2013}% EN DASH  
 4545 \SE@MapDeclare{cp1250}{97}{2014}% EM DASH  
 4546 \SE@MapDeclare{cp1250}{99}{2122}% TRADE MARK SIGN  
 4547 \SE@MapDeclare{cp1250}{9A}{0161}% LATIN SMALL LETTER S WITH CARON  
 4548 \SE@MapDeclare{cp1250}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4549 \SE@MapDeclare{cp1250}{9C}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 4550 \SE@MapDeclare{cp1250}{9D}{0165}% LATIN SMALL LETTER T WITH CARON  
 4551 \SE@MapDeclare{cp1250}{9E}{017E}% LATIN SMALL LETTER Z WITH CARON  
 4552 \SE@MapDeclare{cp1250}{9F}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 4553 \SE@MapDeclare{cp1250}{A0}{00A0}% NO-BREAK SPACE  
 4554 \SE@MapDeclare{cp1250}{A1}{02C7}% CARON  
 4555 \SE@MapDeclare{cp1250}{A2}{02D8}% BREVE  
 4556 \SE@MapDeclare{cp1250}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 4557 \SE@MapDeclare{cp1250}{A4}{00A4}% CURRENCY SIGN  
 4558 \SE@MapDeclare{cp1250}{A5}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 4559 \SE@MapDeclare{cp1250}{A6}{00A6}% BROKEN BAR  
 4560 \SE@MapDeclare{cp1250}{A7}{00A7}% SECTION SIGN  
 4561 \SE@MapDeclare{cp1250}{A8}{00A8}% DIAERESIS  
 4562 \SE@MapDeclare{cp1250}{A9}{00A9}% COPYRIGHT SIGN  
 4563 \SE@MapDeclare{cp1250}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 4564 \SE@MapDeclare{cp1250}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4565 \SE@MapDeclare{cp1250}{AC}{00AC}% NOT SIGN  
 4566 \SE@MapDeclare{cp1250}{AD}{00AD}% SOFT HYPHEN  
 4567 \SE@MapDeclare{cp1250}{AE}{00AE}% REGISTERED SIGN  
 4568 \SE@MapDeclare{cp1250}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 4569 \SE@MapDeclare{cp1250}{B0}{00B0}% DEGREE SIGN  
 4570 \SE@MapDeclare{cp1250}{B1}{00B1}% PLUS-MINUS SIGN  
 4571 \SE@MapDeclare{cp1250}{B2}{02DB}% OGONEK  
 4572 \SE@MapDeclare{cp1250}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
 4573 \SE@MapDeclare{cp1250}{B4}{00B4}% ACUTE ACCENT  
 4574 \SE@MapDeclare{cp1250}{B5}{00B5}% MICRO SIGN  
 4575 \SE@MapDeclare{cp1250}{B6}{00B6}% PILCROW SIGN  
 4576 \SE@MapDeclare{cp1250}{B7}{00B7}% MIDDLE DOT  
 4577 \SE@MapDeclare{cp1250}{B8}{00B8}% CEDILLA  
 4578 \SE@MapDeclare{cp1250}{B9}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 4579 \SE@MapDeclare{cp1250}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 4580 \SE@MapDeclare{cp1250}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK

4581 \SE@MapDeclare{cp1250}{BC}{013D}% LATIN CAPITAL LETTER L WITH CARON  
4582 \SE@MapDeclare{cp1250}{BD}{02DD}% DOUBLE ACUTE ACCENT  
4583 \SE@MapDeclare{cp1250}{BE}{013E}% LATIN SMALL LETTER L WITH CARON  
4584 \SE@MapDeclare{cp1250}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
4585 \SE@MapDeclare{cp1250}{C0}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
4586 \SE@MapDeclare{cp1250}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
4587 \SE@MapDeclare{cp1250}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
4588 \SE@MapDeclare{cp1250}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
4589 \SE@MapDeclare{cp1250}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
4590 \SE@MapDeclare{cp1250}{C5}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
4591 \SE@MapDeclare{cp1250}{C6}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
4592 \SE@MapDeclare{cp1250}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
4593 \SE@MapDeclare{cp1250}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
4594 \SE@MapDeclare{cp1250}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
4595 \SE@MapDeclare{cp1250}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
4596 \SE@MapDeclare{cp1250}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
4597 \SE@MapDeclare{cp1250}{CC}{011A}% LATIN CAPITAL LETTER E WITH CARON  
4598 \SE@MapDeclare{cp1250}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
4599 \SE@MapDeclare{cp1250}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
4600 \SE@MapDeclare{cp1250}{CF}{010E}% LATIN CAPITAL LETTER D WITH CARON  
4601 \SE@MapDeclare{cp1250}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
4602 \SE@MapDeclare{cp1250}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
4603 \SE@MapDeclare{cp1250}{D2}{0147}% LATIN CAPITAL LETTER N WITH CARON  
4604 \SE@MapDeclare{cp1250}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
4605 \SE@MapDeclare{cp1250}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
4606 \SE@MapDeclare{cp1250}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
4607 \SE@MapDeclare{cp1250}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
4608 \SE@MapDeclare{cp1250}{D7}{00D7}% MULTIPLICATION SIGN  
4609 \SE@MapDeclare{cp1250}{D8}{0158}% LATIN CAPITAL LETTER R WITH CARON  
4610 \SE@MapDeclare{cp1250}{D9}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
4611 \SE@MapDeclare{cp1250}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
4612 \SE@MapDeclare{cp1250}{DB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
4613 \SE@MapDeclare{cp1250}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
4614 \SE@MapDeclare{cp1250}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
4615 \SE@MapDeclare{cp1250}{DE}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
4616 \SE@MapDeclare{cp1250}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
4617 \SE@MapDeclare{cp1250}{E0}{0155}% LATIN SMALL LETTER R WITH ACUTE  
4618 \SE@MapDeclare{cp1250}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
4619 \SE@MapDeclare{cp1250}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
4620 \SE@MapDeclare{cp1250}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
4621 \SE@MapDeclare{cp1250}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
4622 \SE@MapDeclare{cp1250}{E5}{013A}% LATIN SMALL LETTER L WITH ACUTE  
4623 \SE@MapDeclare{cp1250}{E6}{0107}% LATIN SMALL LETTER C WITH ACUTE  
4624 \SE@MapDeclare{cp1250}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
4625 \SE@MapDeclare{cp1250}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
4626 \SE@MapDeclare{cp1250}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
4627 \SE@MapDeclare{cp1250}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
4628 \SE@MapDeclare{cp1250}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
4629 \SE@MapDeclare{cp1250}{EC}{011B}% LATIN SMALL LETTER E WITH CARON  
4630 \SE@MapDeclare{cp1250}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
4631 \SE@MapDeclare{cp1250}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
4632 \SE@MapDeclare{cp1250}{EF}{010F}% LATIN SMALL LETTER D WITH CARON  
4633 \SE@MapDeclare{cp1250}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
4634 \SE@MapDeclare{cp1250}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
4635 \SE@MapDeclare{cp1250}{F2}{0148}% LATIN SMALL LETTER N WITH CARON  
4636 \SE@MapDeclare{cp1250}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
4637 \SE@MapDeclare{cp1250}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
4638 \SE@MapDeclare{cp1250}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
4639 \SE@MapDeclare{cp1250}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
4640 \SE@MapDeclare{cp1250}{F7}{00F7}% DIVISION SIGN  
4641 \SE@MapDeclare{cp1250}{F8}{0159}% LATIN SMALL LETTER R WITH CARON  
4642 \SE@MapDeclare{cp1250}{F9}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
4643 \SE@MapDeclare{cp1250}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
4644 \SE@MapDeclare{cp1250}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
4645 \SE@MapDeclare{cp1250}{FC}{00FC}% LATIN SMALL LETTER Y WITH DIAERESIS  
4646 \SE@MapDeclare{cp1250}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
4647 \SE@MapDeclare{cp1250}{FE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
4648 \SE@MapDeclare{cp1250}{FF}{02D9}% DOT ABOVE  
4649 (/cp1250)

## cp1251

4650 (\*cp1251)  
4651 \SE@MapDeclare{cp1251}{80}{0402}% CYRILLIC CAPITAL LETTER DJE  
4652 \SE@MapDeclare{cp1251}{81}{0403}% CYRILLIC CAPITAL LETTER GJE  
4653 \SE@MapDeclare{cp1251}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
4654 \SE@MapDeclare{cp1251}{83}{0453}% CYRILLIC SMALL LETTER GJE  
4655 \SE@MapDeclare{cp1251}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
4656 \SE@MapDeclare{cp1251}{85}{2026}% HORIZONTAL ELLIPSIS  
4657 \SE@MapDeclare{cp1251}{86}{2020}% DAGGER  
4658 \SE@MapDeclare{cp1251}{87}{2021}% DOUBLE DAGGER  
4659 \SE@MapDeclare{cp1251}{88}{20AC}% EURO SIGN  
4660 \SE@MapDeclare{cp1251}{89}{2030}% PER MILLE SIGN  
4661 \SE@MapDeclare{cp1251}{8A}{0409}% CYRILLIC CAPITAL LETTER LJE  
4662 \SE@MapDeclare{cp1251}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK

4663 \SE@MapDeclare{cp1251}{8C}{040A}% CYRILLIC CAPITAL LETTER NJE  
 4664 \SE@MapDeclare{cp1251}{8D}{040C}% CYRILLIC CAPITAL LETTER KJE  
 4665 \SE@MapDeclare{cp1251}{8E}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 4666 \SE@MapDeclare{cp1251}{8F}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 4667 \SE@MapDeclare{cp1251}{90}{0452}% CYRILLIC SMALL LETTER DJE  
 4668 \SE@MapDeclare{cp1251}{91}{2018}% LEFT SINGLE QUOTATION MARK  
 4669 \SE@MapDeclare{cp1251}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
 4670 \SE@MapDeclare{cp1251}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
 4671 \SE@MapDeclare{cp1251}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
 4672 \SE@MapDeclare{cp1251}{95}{2022}% BULLET  
 4673 \SE@MapDeclare{cp1251}{96}{2013}% EN DASH  
 4674 \SE@MapDeclare{cp1251}{97}{2014}% EM DASH  
 4675 \SE@MapDeclare{cp1251}{99}{2122}% TRADE MARK SIGN  
 4676 \SE@MapDeclare{cp1251}{9A}{0459}% CYRILLIC SMALL LETTER LJE  
 4677 \SE@MapDeclare{cp1251}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4678 \SE@MapDeclare{cp1251}{9C}{045A}% CYRILLIC SMALL LETTER NJE  
 4679 \SE@MapDeclare{cp1251}{9D}{045C}% CYRILLIC SMALL LETTER KJE  
 4680 \SE@MapDeclare{cp1251}{9E}{045B}% CYRILLIC SMALL LETTER TSHE  
 4681 \SE@MapDeclare{cp1251}{9F}{045F}% CYRILLIC SMALL LETTER DZHE  
 4682 \SE@MapDeclare{cp1251}{A0}{00A0}% NO-BREAK SPACE  
 4683 \SE@MapDeclare{cp1251}{A1}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4684 \SE@MapDeclare{cp1251}{A2}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4685 \SE@MapDeclare{cp1251}{A3}{0408}% CYRILLIC CAPITAL LETTER JE  
 4686 \SE@MapDeclare{cp1251}{A4}{00A4}% CURRENCY SIGN  
 4687 \SE@MapDeclare{cp1251}{A5}{0490}% CYRILLIC CAPITAL LETTER GHE WITH UPTURN  
 4688 \SE@MapDeclare{cp1251}{A6}{00A6}% BROKEN BAR  
 4689 \SE@MapDeclare{cp1251}{A7}{00A7}% SECTION SIGN  
 4690 \SE@MapDeclare{cp1251}{A8}{0401}% CYRILLIC CAPITAL LETTER IO  
 4691 \SE@MapDeclare{cp1251}{A9}{00A9}% COPYRIGHT SIGN  
 4692 \SE@MapDeclare{cp1251}{AA}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4693 \SE@MapDeclare{cp1251}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4694 \SE@MapDeclare{cp1251}{AC}{00AC}% NOT SIGN  
 4695 \SE@MapDeclare{cp1251}{AD}{00AD}% SOFT HYPHEN  
 4696 \SE@MapDeclare{cp1251}{AE}{00AE}% REGISTERED SIGN  
 4697 \SE@MapDeclare{cp1251}{AF}{0407}% CYRILLIC CAPITAL LETTER YI  
 4698 \SE@MapDeclare{cp1251}{B0}{00B0}% DEGREE SIGN  
 4699 \SE@MapDeclare{cp1251}{B1}{00B1}% PLUS-MINUS SIGN  
 4700 \SE@MapDeclare{cp1251}{B2}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 4701 \SE@MapDeclare{cp1251}{B3}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 4702 \SE@MapDeclare{cp1251}{B4}{0491}% CYRILLIC SMALL LETTER GHE WITH UPTURN  
 4703 \SE@MapDeclare{cp1251}{B5}{00B5}% MICRO SIGN  
 4704 \SE@MapDeclare{cp1251}{B6}{00B6}% PILCROW SIGN  
 4705 \SE@MapDeclare{cp1251}{B7}{00B7}% MIDDLE DOT  
 4706 \SE@MapDeclare{cp1251}{B8}{0451}% CYRILLIC SMALL LETTER IO  
 4707 \SE@MapDeclare{cp1251}{B9}{2116}% NUMERO SIGN  
 4708 \SE@MapDeclare{cp1251}{BA}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4709 \SE@MapDeclare{cp1251}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4710 \SE@MapDeclare{cp1251}{BC}{0458}% CYRILLIC SMALL LETTER JE  
 4711 \SE@MapDeclare{cp1251}{BD}{0405}% CYRILLIC CAPITAL LETTER DZE  
 4712 \SE@MapDeclare{cp1251}{BE}{0455}% CYRILLIC SMALL LETTER DZE  
 4713 \SE@MapDeclare{cp1251}{BF}{0457}% CYRILLIC SMALL LETTER YI  
 4714 \SE@MapDeclare{cp1251}{C0}{0410}% CYRILLIC CAPITAL LETTER A  
 4715 \SE@MapDeclare{cp1251}{C1}{0411}% CYRILLIC CAPITAL LETTER BE  
 4716 \SE@MapDeclare{cp1251}{C2}{0412}% CYRILLIC CAPITAL LETTER VE  
 4717 \SE@MapDeclare{cp1251}{C3}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4718 \SE@MapDeclare{cp1251}{C4}{0414}% CYRILLIC CAPITAL LETTER DE  
 4719 \SE@MapDeclare{cp1251}{C5}{0415}% CYRILLIC CAPITAL LETTER IE  
 4720 \SE@MapDeclare{cp1251}{C6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4721 \SE@MapDeclare{cp1251}{C7}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4722 \SE@MapDeclare{cp1251}{C8}{0418}% CYRILLIC CAPITAL LETTER I  
 4723 \SE@MapDeclare{cp1251}{C9}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4724 \SE@MapDeclare{cp1251}{CA}{041A}% CYRILLIC CAPITAL LETTER KA  
 4725 \SE@MapDeclare{cp1251}{CB}{041B}% CYRILLIC CAPITAL LETTER EL  
 4726 \SE@MapDeclare{cp1251}{CC}{041C}% CYRILLIC CAPITAL LETTER EM  
 4727 \SE@MapDeclare{cp1251}{CD}{041D}% CYRILLIC CAPITAL LETTER EN  
 4728 \SE@MapDeclare{cp1251}{CE}{041E}% CYRILLIC CAPITAL LETTER O  
 4729 \SE@MapDeclare{cp1251}{CF}{041F}% CYRILLIC CAPITAL LETTER PE  
 4730 \SE@MapDeclare{cp1251}{D0}{0420}% CYRILLIC CAPITAL LETTER ER  
 4731 \SE@MapDeclare{cp1251}{D1}{0421}% CYRILLIC CAPITAL LETTER ES  
 4732 \SE@MapDeclare{cp1251}{D2}{0422}% CYRILLIC CAPITAL LETTER TE  
 4733 \SE@MapDeclare{cp1251}{D3}{0423}% CYRILLIC CAPITAL LETTER U  
 4734 \SE@MapDeclare{cp1251}{D4}{0424}% CYRILLIC CAPITAL LETTER EF  
 4735 \SE@MapDeclare{cp1251}{D5}{0425}% CYRILLIC CAPITAL LETTER HA  
 4736 \SE@MapDeclare{cp1251}{D6}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4737 \SE@MapDeclare{cp1251}{D7}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4738 \SE@MapDeclare{cp1251}{D8}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4739 \SE@MapDeclare{cp1251}{D9}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4740 \SE@MapDeclare{cp1251}{DA}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4741 \SE@MapDeclare{cp1251}{DB}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4742 \SE@MapDeclare{cp1251}{DC}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4743 \SE@MapDeclare{cp1251}{DD}{042D}% CYRILLIC CAPITAL LETTER E  
 4744 \SE@MapDeclare{cp1251}{DE}{042E}% CYRILLIC CAPITAL LETTER YU  
 4745 \SE@MapDeclare{cp1251}{DF}{042F}% CYRILLIC CAPITAL LETTER YA  
 4746 \SE@MapDeclare{cp1251}{E0}{0430}% CYRILLIC SMALL LETTER A  
 4747 \SE@MapDeclare{cp1251}{E1}{0431}% CYRILLIC SMALL LETTER BE  
 4748 \SE@MapDeclare{cp1251}{E2}{0432}% CYRILLIC SMALL LETTER VE

4749 \SE@MapDeclare{cp1251}{E3}{0433}% CYRILLIC SMALL LETTER GHE  
 4750 \SE@MapDeclare{cp1251}{E4}{0434}% CYRILLIC SMALL LETTER DE  
 4751 \SE@MapDeclare{cp1251}{E5}{0435}% CYRILLIC SMALL LETTER IE  
 4752 \SE@MapDeclare{cp1251}{E6}{0436}% CYRILLIC SMALL LETTER ZHE  
 4753 \SE@MapDeclare{cp1251}{E7}{0437}% CYRILLIC SMALL LETTER ZE  
 4754 \SE@MapDeclare{cp1251}{E8}{0438}% CYRILLIC SMALL LETTER I  
 4755 \SE@MapDeclare{cp1251}{E9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4756 \SE@MapDeclare{cp1251}{EA}{043A}% CYRILLIC SMALL LETTER KA  
 4757 \SE@MapDeclare{cp1251}{EB}{043B}% CYRILLIC SMALL LETTER EL  
 4758 \SE@MapDeclare{cp1251}{EC}{043C}% CYRILLIC SMALL LETTER EM  
 4759 \SE@MapDeclare{cp1251}{ED}{043D}% CYRILLIC SMALL LETTER EN  
 4760 \SE@MapDeclare{cp1251}{EE}{043E}% CYRILLIC SMALL LETTER O  
 4761 \SE@MapDeclare{cp1251}{EF}{043F}% CYRILLIC SMALL LETTER PE  
 4762 \SE@MapDeclare{cp1251}{F0}{0440}% CYRILLIC SMALL LETTER ER  
 4763 \SE@MapDeclare{cp1251}{F1}{0441}% CYRILLIC SMALL LETTER ES  
 4764 \SE@MapDeclare{cp1251}{F2}{0442}% CYRILLIC SMALL LETTER TE  
 4765 \SE@MapDeclare{cp1251}{F3}{0443}% CYRILLIC SMALL LETTER U  
 4766 \SE@MapDeclare{cp1251}{F4}{0444}% CYRILLIC SMALL LETTER EF  
 4767 \SE@MapDeclare{cp1251}{F5}{0445}% CYRILLIC SMALL LETTER HA  
 4768 \SE@MapDeclare{cp1251}{F6}{0446}% CYRILLIC SMALL LETTER TSE  
 4769 \SE@MapDeclare{cp1251}{F7}{0447}% CYRILLIC SMALL LETTER CHE  
 4770 \SE@MapDeclare{cp1251}{F8}{0448}% CYRILLIC SMALL LETTER SHA  
 4771 \SE@MapDeclare{cp1251}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4772 \SE@MapDeclare{cp1251}{FA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4773 \SE@MapDeclare{cp1251}{FB}{044B}% CYRILLIC SMALL LETTER YERU  
 4774 \SE@MapDeclare{cp1251}{FC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4775 \SE@MapDeclare{cp1251}{FD}{044D}% CYRILLIC SMALL LETTER E  
 4776 \SE@MapDeclare{cp1251}{FE}{044E}% CYRILLIC SMALL LETTER YU  
 4777 \SE@MapDeclare{cp1251}{FF}{044F}% CYRILLIC SMALL LETTER YA  
 4778 \</cp1251>

## cp1257

4779 \<cp1257>  
 4780 \SE@MapDeclare{cp1257}{80}{20AC}% EURO SIGN  
 4781 \SE@MapDeclare{cp1257}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
 4782 \SE@MapDeclare{cp1257}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 4783 \SE@MapDeclare{cp1257}{85}{2026}% HORIZONTAL ELLIPSIS  
 4784 \SE@MapDeclare{cp1257}{86}{2020}% DAGGER  
 4785 \SE@MapDeclare{cp1257}{87}{2021}% DOUBLE DAGGER  
 4786 \SE@MapDeclare{cp1257}{89}{2030}% PER MILLE SIGN  
 4787 \SE@MapDeclare{cp1257}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 4788 \SE@MapDeclare{cp1257}{8D}{00A8}% DIAERESIS  
 4789 \SE@MapDeclare{cp1257}{8E}{02C7}% CARON  
 4790 \SE@MapDeclare{cp1257}{8F}{00B8}% CEDILLA  
 4791 \SE@MapDeclare{cp1257}{91}{2018}% LEFT SINGLE QUOTATION MARK  
 4792 \SE@MapDeclare{cp1257}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
 4793 \SE@MapDeclare{cp1257}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
 4794 \SE@MapDeclare{cp1257}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
 4795 \SE@MapDeclare{cp1257}{95}{2022}% BULLET  
 4796 \SE@MapDeclare{cp1257}{96}{2013}% EN DASH  
 4797 \SE@MapDeclare{cp1257}{97}{2014}% EM DASH  
 4798 \SE@MapDeclare{cp1257}{99}{2122}% TRADE MARK SIGN  
 4799 \SE@MapDeclare{cp1257}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4800 \SE@MapDeclare{cp1257}{9D}{00AF}% MACRON  
 4801 \SE@MapDeclare{cp1257}{9E}{02DB}% OGONEK  
 4802 \SE@MapDeclare{cp1257}{A0}{00A0}% NO-BREAK SPACE  
 4803 \SE@MapDeclare{cp1257}{A2}{00A2}% CENT SIGN  
 4804 \SE@MapDeclare{cp1257}{A3}{00A3}% POUND SIGN  
 4805 \SE@MapDeclare{cp1257}{A4}{00A4}% CURRENCY SIGN  
 4806 \SE@MapDeclare{cp1257}{A6}{00A6}% BROKEN BAR  
 4807 \SE@MapDeclare{cp1257}{A7}{00A7}% SECTION SIGN  
 4808 \SE@MapDeclare{cp1257}{A8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4809 \SE@MapDeclare{cp1257}{A9}{00A9}% COPYRIGHT SIGN  
 4810 \SE@MapDeclare{cp1257}{AA}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 4811 \SE@MapDeclare{cp1257}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4812 \SE@MapDeclare{cp1257}{AC}{00AC}% NOT SIGN  
 4813 \SE@MapDeclare{cp1257}{AD}{00AD}% SOFT HYPHEN  
 4814 \SE@MapDeclare{cp1257}{AE}{00AE}% REGISTERED SIGN  
 4815 \SE@MapDeclare{cp1257}{AF}{00C6}% LATIN CAPITAL LETTER AE  
 4816 \SE@MapDeclare{cp1257}{B0}{00B0}% DEGREE SIGN  
 4817 \SE@MapDeclare{cp1257}{B1}{00B1}% PLUS-MINUS SIGN  
 4818 \SE@MapDeclare{cp1257}{B2}{00B2}% SUPERSCRIFT TWO  
 4819 \SE@MapDeclare{cp1257}{B3}{00B3}% SUPERSCRIFT THREE  
 4820 \SE@MapDeclare{cp1257}{B4}{00B4}% ACUTE ACCENT  
 4821 \SE@MapDeclare{cp1257}{B5}{00B5}% MICRO SIGN  
 4822 \SE@MapDeclare{cp1257}{B6}{00B6}% PILCROW SIGN  
 4823 \SE@MapDeclare{cp1257}{B7}{00B7}% MIDDLE DOT  
 4824 \SE@MapDeclare{cp1257}{B8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4825 \SE@MapDeclare{cp1257}{B9}{00B9}% SUPERSCRIFT ONE  
 4826 \SE@MapDeclare{cp1257}{BA}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 4827 \SE@MapDeclare{cp1257}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4828 \SE@MapDeclare{cp1257}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4829 \SE@MapDeclare{cp1257}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 4830 \SE@MapDeclare{cp1257}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS

```

4831 \SE@MapDeclare{cp1257}{BF}{00E6}% LATIN SMALL LETTER AE
4832 \SE@MapDeclare{cp1257}{C0}{0104}% LATIN CAPITAL LETTER A WITH OGONEK
4833 \SE@MapDeclare{cp1257}{C1}{012E}% LATIN CAPITAL LETTER I WITH OGONEK
4834 \SE@MapDeclare{cp1257}{C2}{0100}% LATIN CAPITAL LETTER A WITH MACRON
4835 \SE@MapDeclare{cp1257}{C3}{0106}% LATIN CAPITAL LETTER C WITH ACUTE
4836 \SE@MapDeclare{cp1257}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS
4837 \SE@MapDeclare{cp1257}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE
4838 \SE@MapDeclare{cp1257}{C6}{0118}% LATIN CAPITAL LETTER E WITH OGONEK
4839 \SE@MapDeclare{cp1257}{C7}{0112}% LATIN CAPITAL LETTER E WITH MACRON
4840 \SE@MapDeclare{cp1257}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON
4841 \SE@MapDeclare{cp1257}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE
4842 \SE@MapDeclare{cp1257}{CA}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE
4843 \SE@MapDeclare{cp1257}{CB}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE
4844 \SE@MapDeclare{cp1257}{CC}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA
4845 \SE@MapDeclare{cp1257}{CD}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA
4846 \SE@MapDeclare{cp1257}{CE}{012A}% LATIN CAPITAL LETTER I WITH MACRON
4847 \SE@MapDeclare{cp1257}{CF}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA
4848 \SE@MapDeclare{cp1257}{D0}{0160}% LATIN CAPITAL LETTER S WITH CARON
4849 \SE@MapDeclare{cp1257}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE
4850 \SE@MapDeclare{cp1257}{D2}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA
4851 \SE@MapDeclare{cp1257}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
4852 \SE@MapDeclare{cp1257}{D4}{014C}% LATIN CAPITAL LETTER O WITH MACRON
4853 \SE@MapDeclare{cp1257}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE
4854 \SE@MapDeclare{cp1257}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS
4855 \SE@MapDeclare{cp1257}{D7}{00D7}% MULTIPLICATION SIGN
4856 \SE@MapDeclare{cp1257}{D8}{0172}% LATIN CAPITAL LETTER U WITH OGONEK
4857 \SE@MapDeclare{cp1257}{D9}{0141}% LATIN CAPITAL LETTER L WITH STROKE
4858 \SE@MapDeclare{cp1257}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE
4859 \SE@MapDeclare{cp1257}{DB}{016A}% LATIN CAPITAL LETTER U WITH MACRON
4860 \SE@MapDeclare{cp1257}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS
4861 \SE@MapDeclare{cp1257}{DD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE
4862 \SE@MapDeclare{cp1257}{DE}{017D}% LATIN CAPITAL LETTER Z WITH CARON
4863 \SE@MapDeclare{cp1257}{DF}{00DF}% LATIN SMALL LETTER SHARP S
4864 \SE@MapDeclare{cp1257}{E0}{0105}% LATIN SMALL LETTER A WITH OGONEK
4865 \SE@MapDeclare{cp1257}{E1}{012F}% LATIN SMALL LETTER I WITH OGONEK
4866 \SE@MapDeclare{cp1257}{E2}{0101}% LATIN SMALL LETTER A WITH MACRON
4867 \SE@MapDeclare{cp1257}{E3}{0107}% LATIN SMALL LETTER C WITH ACUTE
4868 \SE@MapDeclare{cp1257}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS
4869 \SE@MapDeclare{cp1257}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE
4870 \SE@MapDeclare{cp1257}{E6}{0119}% LATIN SMALL LETTER E WITH OGONEK
4871 \SE@MapDeclare{cp1257}{E7}{0113}% LATIN SMALL LETTER E WITH MACRON
4872 \SE@MapDeclare{cp1257}{E8}{010D}% LATIN SMALL LETTER C WITH CARON
4873 \SE@MapDeclare{cp1257}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE
4874 \SE@MapDeclare{cp1257}{EA}{017A}% LATIN SMALL LETTER Z WITH ACUTE
4875 \SE@MapDeclare{cp1257}{EB}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE
4876 \SE@MapDeclare{cp1257}{EC}{0123}% LATIN SMALL LETTER G WITH CEDILLA
4877 \SE@MapDeclare{cp1257}{ED}{0137}% LATIN SMALL LETTER K WITH CEDILLA
4878 \SE@MapDeclare{cp1257}{EE}{012B}% LATIN SMALL LETTER I WITH MACRON
4879 \SE@MapDeclare{cp1257}{EF}{013C}% LATIN SMALL LETTER L WITH CEDILLA
4880 \SE@MapDeclare{cp1257}{F0}{0161}% LATIN SMALL LETTER S WITH CARON
4881 \SE@MapDeclare{cp1257}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE
4882 \SE@MapDeclare{cp1257}{F2}{0146}% LATIN SMALL LETTER N WITH CEDILLA
4883 \SE@MapDeclare{cp1257}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE
4884 \SE@MapDeclare{cp1257}{F4}{014D}% LATIN SMALL LETTER O WITH MACRON
4885 \SE@MapDeclare{cp1257}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE
4886 \SE@MapDeclare{cp1257}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS
4887 \SE@MapDeclare{cp1257}{F7}{00F7}% DIVISION SIGN
4888 \SE@MapDeclare{cp1257}{F8}{0173}% LATIN SMALL LETTER U WITH OGONEK
4889 \SE@MapDeclare{cp1257}{F9}{0142}% LATIN SMALL LETTER L WITH STROKE
4890 \SE@MapDeclare{cp1257}{FA}{015B}% LATIN SMALL LETTER S WITH ACUTE
4891 \SE@MapDeclare{cp1257}{FB}{016B}% LATIN SMALL LETTER U WITH MACRON
4892 \SE@MapDeclare{cp1257}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS
4893 \SE@MapDeclare{cp1257}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE
4894 \SE@MapDeclare{cp1257}{FE}{017E}% LATIN SMALL LETTER Z WITH CARON
4895 \SE@MapDeclare{cp1257}{FF}{02D9}% DOT ABOVE
4896 \</cp1257>

```

## 3 Test

### 3.1 Catcode checks for loading

```

4897 <*test1>
4898 \NeedsTeXFormat{LaTeX2e}
4899 \nofiles
4900 \documentclass{minimal}
4901 \makeatletter
4902
4903 \newcommand*{\RestoreCatcodes}{\}
4904 \count@=0 %

```

```

4905 \loop
4906   \edef\RestoreCatcodes{%
4907     \RestoreCatcodes
4908     \catcode\the\count@=\the\catcode\count@\relax
4909   }%
4910 \ifnum\count@<255 %
4911   \advance\count@\@ne
4912 \repeat
4913
4914 \newcommand*{\RangeCatcodeInvalid}[2]{%
4915   \count@=#1\relax
4916   \loop
4917     \catcode\count@=15 %
4918   \ifnum\count@<#2\relax
4919     \advance\count@\@ne
4920   \repeat
4921 }
4922 \def\Test{%
4923   \RangeCatcodeInvalid{0}{47}
4924   \RangeCatcodeInvalid{58}{64}
4925   \RangeCatcodeInvalid{91}{96}
4926   \RangeCatcodeInvalid{123}{255}
4927   \catcode'\@=12 %
4928   \catcode'\=0 %
4929   \catcode'\{=1 %
4930   \catcode'\}=2 %
4931   \catcode'\#=6 %
4932   \catcode'\[=12 %
4933   \catcode'\]=12 %
4934   \catcode'\%=14 %
4935   \catcode'\ =10 %
4936   \catcode13=5 %
4937   \usepackage{stringenc}[2007/06/16]%
4938   \RestoreCatcodes
4939 }
4940 \Test
4941
4942 \ifx\numexpr\relax
4943   \expandafter\@@end
4944 \fi
4945
4946 \usepackage{qstest}
4947 \IncludeTests{*}
4948 \LogTests{log}{*}{*}
4949 \def\Test#1{%
4950   \begin{qstest}{loading}{loading}
4951     \RangeCatcodeInvalid{0}{47}%
4952     % 0-9
4953     \RangeCatcodeInvalid{58}{64}%
4954     % A-Z
4955     \RangeCatcodeInvalid{91}{96}%
4956     % a-z
4957     \RangeCatcodeInvalid{123}{255}%
4958     \setbox0=\hbox{%
4959       \def\par{p}%
4960       \StringEncodingLoad{#1}%
4961     }%
4962     \Expect*{\the\wd0}{0.0pt}
4963   \end{qstest}
4964 }
4965 \@for\x:=\SE@EncodingFileList\do{%
4966   \Test\x

```

```

4967 }
4968 \@@end
4969 </test1>

```

### 3.2 Conversion tests

```

4970 <*test2>
4971 \NeedsTeXFormat{LaTeX2e}
4972 \nofiles
4973 \documentclass{minimal}
4974
4975 \ifx\plainmode Y
4976   \let\SavedNumexpr\numexpr
4977   \let\numexpr\relax
4978 \fi
4979 \usepackage{stringenc}[2007/06/16]
4980 \ifx\plainmode Y
4981   \let\numexpr\SavedNumexpr
4982 \fi
4983 \usepackage{qstest}
4984 \IncludeTests{*}
4985 \LogTests{log}{*}{*}
4986
4987 \def\Test#1#2#3#4#5{%
4988   \begingroup
4989     \edef\x{\endgroup
4990       \noexpand\TestTest{#1}{#2}{#3}{#4}#5||\noexpand\NIL
4991     }%
4992   \x
4993 }
4994 \def\TestTest#1#2#3#4#5|#6|#7\NIL{%
4995   \begin{qstest}{encodings}{encodings, conversion}
4996     \setbox0=\hbox{%
4997       \def\par{p}%
4998       \EdefUnescapeHex\IN{#4}%
4999       \StringEncodingConvert\RESULT\IN{#1}{#2}%
5000       \EdefEscapeHex\RESULT\RESULT
5001       \Expect*{\RESULT}*{#5#6}%
5002       \Expect*{\StringEncodingSuccessFailure{true}{false}}{#3}%
5003       \StringEncodingSuccessFailure{}{%
5004         \StringEncodingConvertTest\RESULT\IN{#1}{#2}{%
5005           }{%
5006             \EdefEscapeHex\RESULT\RESULT
5007             \Expect*{\RESULT}{#5}%
5008           }%
5009         }%
5010       }%
5011       \Expect*{\the\wd0}{0.0pt}
5012     \end{qstest}
5013 }
5014
5015 \def\AllBytesLow{%
5016   000102030405060708090A0B0C0D0E0F101112131415161718191A1B1C1D1E1F%
5017   202122232425262728292A2B2C2D2E2F303132333435363738393A3B3C3D3E3F%
5018   404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F%
5019   606162636465666768696A6B6C6D6E6F707172737475767778797A7B7C7D7E7F%
5020 }
5021 \def\AllBytesHigh{%
5022   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E9F%
5023   A0A1A2A3A4A5A6A7A8A9AABACADAFAFB0B1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5024   C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5025   E0E1E2E3E4E5E6E7E8E9EAECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFF%
5026 }

```

```

5027 \def\AllBytes{%
5028   \AllBytesLow
5029   \AllBytesHigh
5030 }
5031 \def\AllUnicodeLow{%
5032   0000000100020003000400050006000700080009000A000B000C000D000E000F%
5033   0010001100120013001400150016001700180019001A001B001C001D001E001F%
5034   0020002100220023002400250026002700280029002A002B002C002D002E002F%
5035   0030003100320033003400350036003700380039003A003B003C003D003E003F%
5036   0040004100420043004400450046004700480049004A004B004C004D004E004F%
5037   0050005100520053005400550056005700580059005A005B005C005D005E005F%
5038   0060006100620063006400650066006700680069006A006B006C006D006E006F%
5039   0070007100720073007400750076007700780079007A007B007C007D007E007F%
5040 }

```

### 3.2.1 UTF8/16/32 encodings

```

5041 \Test{utf16be}{utf16be}{true}%
5042   {004D04304E8CD800DF02}%
5043   {004D04304E8CD800DF02}%
5044 \Test{utf16}{utf16be}{true}%
5045   {004D04304E8CD800DF02}%
5046   {004D04304E8CD800DF02}%
5047 \Test{utf16be}{utf16}{true}%
5048   {004D04304E8CD800DF02}%
5049   {004D04304E8CD800DF02}%
5050 \Test{utf16}{utf16}{true}%
5051   {004D04304E8CD800DF02}%
5052   {004D04304E8CD800DF02}%
5053 \Test{utf16}{utf16}{true}%
5054   {FEFF004D04304E8CD800DF02}%
5055   {004D04304E8CD800DF02}%
5056 \Test{utf16}{utf16}{true}%
5057   {FFFE4D0030048C4E00D802DF}%
5058   {004D04304E8CD800DF02}%
5059 \Test{utf16be}{utf32be}{true}%
5060   {004D04304E8CD800DF02}%
5061   {0000004D0000043000004E8C00010302}%
5062 \Test{utf16be}{utf32le}{true}%
5063   {004D04304E8CD800DF02}%
5064   {4D000000300400008C4E000002030100}%
5065 \Test{utf32be}{utf16}{true}%
5066   {0000004D0000043000004E8C00010302}%
5067   {004D04304E8CD800DF02}%
5068 \Test{utf32le}{utf16}{true}%
5069   {4D000000300400008C4E000002030100}%
5070   {004D04304E8CD800DF02}%
5071 \Test{utf32}{utf16}{true}%
5072   {0000004D0000043000004E8C00010302}%
5073   {004D04304E8CD800DF02}%
5074 \Test{utf32}{utf16}{true}%
5075   {0000FEFF0000004D0000043000004E8C00010302}%
5076   {004D04304E8CD800DF02}%
5077 \Test{utf32}{utf16}{true}%
5078   {FFFE00004D000000300400008C4E000002030100}%
5079   {004D04304E8CD800DF02}%
5080 \Test{utf32be}{utf16be}{false}{FFFFFFFF}{ }
5081 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF}{004D}
5082 \Test{utf32be}{utf16be}{false}{FFFFFFFF0000004D}{|004D}
5083 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF000000430}{004D|0430}
5084 \Test{utf32be}{utf16be}{false}{FFFFFFFF0000004DFFFFFFFF}{|004D}
5085 \Test{utf32be}{utf16be}{false}{FFFFFF}{ }
5086 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF}{004D}
5087 \Test{utf32be}{utf16be}{false}{FFFFFF0000004D}{ }

```

```

5088 \Test{utf32be}{utf16be}{false}{0000004DFFFFFF00000430}{004D}
5089 \Test{utf32be}{utf16be}{false}{FFFFFF0000004DFFFFFF}{4DFF}
5090 \Test{utf32be}{utf16be}{false}{FFFF}{}
5091 \Test{utf32be}{utf16be}{false}{0000004DFFFF}{004D}
5092 \Test{utf32be}{utf16be}{false}{FFFF0000004D}{}
5093 \Test{utf32be}{utf16be}{false}{0000004DFFFF00000430}{004D}
5094 \Test{utf32be}{utf16be}{false}{FF}{}
5095 \Test{utf32be}{utf16be}{false}{0000004DFF}{004D}
5096 \Test{utf32be}{utf16be}{false}{FF0000004D}{}
5097 \Test{utf32be}{utf16be}{false}{0000004DFF00000430}{004D}
5098 \Test{utf16be}{utf32be}{true}{DBBFDFFF}{00FFFFFF}
5099 \Test{utf16be}{utf8}{true}%
5100 {004D04304E8CD800DF02}%
5101 {4DD0B0E4BA8CF0908C82}%
5102 \Test{utf32}{utf8}{true}%
5103 {000000000000007F000000800000FFFF000100000010FFFF}%
5104 {007FC280EFBFBFF0908080F48FBFBF}%
5105 \Test{utf8}{utf16}{true}%
5106 {007FC280EFBFBFF0908080F48FBFBF}%
5107 {0000007F0080FFFFD800DC00DBFFDFFF}%
5108 \Test{utf16}{utf32}{true}%
5109 {0000007F0080FFFFD800DC00DBFFDFFF}%
5110 {000000000000007F000000800000FFFF000100000010FFFF}%
5111 \Test{utf8}{utf32}{true}%
5112 {007FC280EFBFBFF0908080F48FBFBF}%
5113 {000000000000007F000000800000FFFF000100000010FFFF}%
5114 \Test{utf8}{utf16}{false}{64F57F}{0064007F}
5115 \Test{utf8}{utf16}{false}{64FE7F}{0064007F}
5116 \Test{utf8}{utf16}{false}{64FF7F}{0064007F}
5117 \Test{utf8}{utf16}{false}{80}{}
5118 \Test{utf8}{utf16}{false}{7F807F}{007F007F}
5119 \Test{utf8}{utf16}{false}{C0}{}
5120 \Test{utf8}{utf16}{false}{7FC07F}{007F007F}
5121 \Test{utf8}{utf16}{false}{C1}{}
5122 \Test{utf8}{utf16}{false}{7FC17F}{007F007F}
5123 \Test{utf8}{utf16}{false}{C080}{}
5124 \Test{utf8}{utf16}{false}{C2}{}
5125 \Test{utf8}{utf16}{false}{C2CF}{}
5126 \Test{utf8}{utf16}{false}{12C27F}{0012007F}
5127 \Test{utf8}{utf16}{true}{C280}{0080}
5128 \Test{utf8}{utf16}{true}{DFBF}{07FF}
5129 \Test{utf8}{utf16}{false}{E0}{}
5130 \Test{utf8}{utf16}{false}{E07F}{007F}
5131 \Test{utf8}{utf16}{false}{E0A0}{}
5132 \Test{utf8}{utf16}{false}{E0A07F}{007F}
5133 \Test{utf8}{utf16}{false}{E08080}{}
5134 \Test{utf8}{utf16}{false}{E080807F}{007F}
5135 \Test{utf8}{utf16}{true}{ED8080}{D000}
5136 \Test{utf8}{utf16}{true}{ED9FBF}{D7FF}
5137 \Test{utf8}{utf16}{true}{EE8080}{E000}
5138 \Test{utf8}{utf16}{true}{EFBFBF}{FFFF}
5139 \Test{utf8}{utf32}{false}{F0}{}
5140 \Test{utf8}{utf32}{false}{F07F}{0000007F}
5141 \Test{utf8}{utf32}{false}{F090}{}
5142 \Test{utf8}{utf32}{false}{F0907F}{0000007F}
5143 \Test{utf8}{utf32}{false}{F09080}{}
5144 \Test{utf8}{utf32}{false}{F090807F}{0000007F}
5145 \Test{utf8}{utf32}{true}{F0908080}{00010000}
5146 \Test{utf8}{utf32}{false}{F0808080}{}
5147 \Test{utf8}{utf32}{false}{F08080807F}{0000007F}
5148 \Test{utf8}{utf32}{true}{F1808080}{00040000}
5149 \Test{utf8}{utf32}{true}{F3BFBFBF}{000FFFFFF}

```

```

5150 \Test{utf8}{utf32}{true}{F4808080}{00100000}
5151 \Test{utf8}{utf32}{true}{F48FBFBF}{0010FFFF}
5152 \Test{utf8}{utf32}{false}{F4BFBFBF}{ }
5153 \Test{utf8}{utf32}{false}{F4BFBFBF7F}{|0000007F}
5154 \Test{utf16be}{utf8}{true}{0000}{00}
5155 \Test{utf16be}{utf8}{true}{007F}{7F}
5156 \Test{utf16be}{utf8}{true}{0080}{C280}
5157 \Test{utf16be}{utf8}{true}{07FF}{DFBF}
5158 \Test{utf16be}{utf8}{true}{0800}{E0A080}
5159 \Test{utf16be}{utf8}{true}{0FFF}{E0BFBF}
5160 \Test{utf16be}{utf8}{true}{1000}{E18080}
5161 \Test{utf16be}{utf8}{true}{CFFF}{ECBFBF}
5162 \Test{utf16be}{utf8}{true}{D000}{ED8080}
5163 \Test{utf16be}{utf8}{true}{D7FF}{ED9FBF}
5164 \Test{utf16be}{utf8}{false}{D800}{ }
5165 \Test{utf16be}{utf8}{false}{DFFF}{ }
5166 \Test{utf16be}{utf8}{true}{E000}{EE8080}
5167 \Test{utf16be}{utf8}{true}{FFFF}{EFBFBF}
5168 \Test{utf32be}{utf8}{true}{00010000}{F0908080}
5169 \Test{utf32be}{utf8}{true}{0003FFFF}{F0BFBFBF}
5170 \Test{utf32be}{utf8}{true}{00040000}{F1808080}
5171 \Test{utf32be}{utf8}{true}{000FFFFF}{F3BFBFBF}
5172 \Test{utf32be}{utf8}{true}{00100000}{F4808080}
5173 \Test{utf32be}{utf8}{true}{0010FFFF}{F48FBFBF}
5174 \Test{utf32be}{utf8}{false}{00110000}{ }
5175 \Test{utf32be}{utf8}{false}{00110000000007F}{|7F}

```

### 3.2.2 ASCII

```

5176 \Test{ascii}{utf8}{true}{007F}{007F}
5177 \Test{ascii}{utf8}{false}{80}{ }
5178 \Test{ascii}{utf8}{false}{80}{ }
5179 \Test{ascii}{utf8}{false}{807F}{|7F}
5180 \Test{utf16be}{ascii}{true}{0000007F}{007F}
5181 \Test{utf16be}{ascii}{false}{0080}{ }
5182 \Test{utf16be}{ascii}{false}{0430}{ }
5183 \Test{utf16be}{ascii}{false}{D800DF02}{ }
5184 \Test{utf16be}{ascii}{false}{D800DF02007F}{|7F}
5185 \Test{ascii}{utf16be}{true}\AllBytesLow\AllUnicodeLow
5186 \Test{utf16be}{ascii}{true}\AllUnicodeLow\AllBytesLow

```

### 3.2.3 PDFDocEncoding

```

5187 \def\pdfdocSlots{%
5188   090A0D18191A1B1C1D1E1F%
5189   202122232425262728292A2B2C2D2E2F303132333435363738393A3B3C3D3E3F%
5190   404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F%
5191   606162636465666768696A6B6C6D6E6F707172737475767778797A7B7C7D7E%
5192   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E%
5193   A0A1A2A3A4A5A6A7A8A9AAABACAFAFBOB1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5194   C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCEDEDF%
5195   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FABFBCFDCFDFEF%
5196 }
5197 \def\pdfdocUnicode{%
5198   0009000A000D02D802C702C602D902DD02DB02DA02DC%
5199   0020002100220023002400250026002700280029002A002B002C002D002E002F%
5200   0030003100320033003400350036003700380039003A003B003C003D003E003F%
5201   0040004100420043004400450046004700480049004A004B004C004D004E004F%
5202   0050005100520053005400550056005700580059005A005B005C005D005E005F%
5203   0060006100620063006400650066006700680069006A006B006C006D006E006F%
5204   0070007100720073007400750076007700780079007A007B007C007D007E%
5205   202220202021202620142013019220442039203A22122030201E201C201D2018%
5206   2019201A2122FB01FB020141015201600178017D0131014201530161017E%
5207   20AC00A100A200A300A400A500A600A700A800A900AA00AB00AC00AE00AF%
5208   00B000B100B200B300B400B500B600B700B800B900BA00BB00BC00BD00BE00BF%

```

```

5209 00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5210 00D000D100D200D300D400D500D600D700D800D900DA00DB00DC00DD00DE00DF%
5211 00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5212 00F000F100F200F300F400F500F600F700F800F900FA00FB00FC00FD00FE00FF%
5213 }
5214 \Test{pdfdoc}{utf16be}{false}%
5215 {0001020304050607080B0C0E0F10111213141516177F9FAD}%
5216 {}%
5217 \Test{pdfdoc}{utf16be}{true}\pdfdocSlots\pdfdocUnicodeS
5218 \Test{pdfdoc}{utf16be}{false}\AllBytes{|\pdfdocUnicodeS}%
5219 \Test{utf16be}{pdfdoc}{true}\pdfdocUnicodeS\pdfdocSlots
5220 \Test{utf16be}{pdfdoc}{true}{FEFF0054006500730074}{54657374}

```

### 3.2.4 ISO-8859-1

```

5221 \Test{iso-8859-1}{utf16be}{true}{007FA0FF}{0000007F00A000FF}
5222 \Test{iso-8859-1}{utf16be}{false}{80}{-}
5223 \Test{iso-8859-1}{utf16be}{false}{807F}{|007F}
5224 \Test{iso-8859-1}{utf16be}{false}{9F}{-}
5225 \Test{iso-8859-1}{utf16be}{false}{9F7F}{|007F}

```

### 3.2.5 CP1252

```

5226 \def\Slots{%
5227   \AllBytesLow
5228   8082838485868788898A8B8C8E9192939495969798999A9B9C9E9F%
5229   A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5230   C0C1C2C3C4C5C6C7C8C9CABCCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5231   E0E1E2E3E4E5E6E7E8E9EAECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFF%
5232 }
5233 \def\UnicodeS{%
5234   \AllUnicodeSLow
5235   20AC201A0192201E20262020202102C62030016020390152017D%
5236   20182019201C201D20222013201402DC21220161203A0153017E0178%
5237   00A000A100A200A300A400A500A600A700A800A900AA00AB00AC00AD00AE00AF%
5238   00B000B100B200B300B400B500B600B700B800B900BA00BB00BC00BD00BE00BF%
5239   00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5240   00D000D100D200D300D400D500D600D700D800D900DA00DB00DC00DD00DE00DF%
5241   00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5242   00F000F100F200F300F400F500F600F700F800F900FA00FB00FC00FD00FE00FF%
5243 }
5244 \Test{cp1252}{utf16be}{false}{818D8F909D}{-}
5245 \Test{cp1252}{utf16be}{true}\Slots\UnicodeS
5246 \Test{utf16be}{cp1252}{true}\UnicodeS\Slots

```

### 3.2.6 KOI8-R

```

5247 \def\Slots{%
5248   \AllBytesLow
5249   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E9F%
5250   A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5251   C0C1C2C3C4C5C6C7C8C9CABCCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5252   E0E1E2E3E4E5E6E7E8E9EAECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFF%
5253 }
5254 \def\UnicodeS{%
5255   \AllUnicodeSLow
5256   25002502250C251025142518251C2524252C2534253C258025842588258C2590%
5257   259125922593232025A02219221A22482264226500A0232100B000B200B700F7%
5258   25502551255204512553255425552556255725582559255A255B255C255D255E%
5259   255F25602561040125622563256425652566256725682569256A256B256C00A9%
5260   044E0430043104460434043504440433044504380439043A043B043C043D043E%
5261   043F044F044004410442044304360432044C044B04370448044D04490447044A%
5262   042E0410041104260414041504240413042504180419041A041B041C041D041E%
5263   041F042F042004210422042304160412042C042B04170428042D04290427042A%
5264 }

```

```

5265 \Test{koi8-r}{utf16be}{true}\Slots\Unicode
5266 \Test{utf16be}{koi8-r}{true}\Unicode\Slots

```

### 3.2.7 DEC-MCS

```

5267 \def\Slots{%
5268   \AllBytesLow
5269   A1A2A3A5A7A8A9AAABB0B1B2B3B5B6B7B9BABBBBCBDBF%
5270   C0C1C2C3C4C5C6C7C8C9CACCCECFD1D2D3D4D5D6D7D8D9DADBDCDDDF%
5271   E0E1E2E3E4E5E6E7E8E9EAECEDEEEFF1F2F3F4F5F6F7F8F9FAFBFCFD%
5272 }
5273 \def\Unicode{%
5274   \AllUnicodeLow
5275   00A100A200A300A500A700A400A900AA00AB%
5276   00B000B100B200B300B500B600B700B900BA00BB00BC00BD00BF%
5277   00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5278   00D100D200D300D400D500D6015200D800D900DA00DB00DC017800DF%
5279   00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5280   00F100F200F300F400F500F6015300F800F900FA00FB00FC00FF%
5281 }
5282 \Test{dec-mcs}{utf16be}{true}\Slots\Unicode
5283 \Test{dec-mcs}{utf16be}{false}{COBEC2}{00C0|00C2}
5284 \Test{utf16be}{dec-mcs}{true}\Unicode\Slots

```

## 3.3 Removal of byte order marks

```

5285 \Test{utf16be}{utf16be}{true}{FEFF}{}
5286 \Test{utf16be}{utf16be}{true}{FFFE}{FFFE}
5287 \Test{utf16le}{utf16le}{true}{FFFE}{}
5288 \Test{utf16le}{utf16le}{true}{FEFF}{FEFF}
5289 \Test{utf32be}{utf32be}{true}{0000FEFF}{}
5290 \Test{utf32be}{utf32be}{true}{0000FFFE}{0000FFFE}
5291 \Test{utf32le}{utf32le}{true}{FFFE0000}{}
5292 \Test{utf32le}{utf32le}{true}{FEFF0000}{FEFF0000}
5293 \csname @@end\endcsname
5294 \</test2>

```

# 4 Installation

## 4.1 Download

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

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

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

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

[CTAN:macros/latex/contrib/oberdiek/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
```

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

**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-`TEX`:

```
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-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
stringenc-test1.tex	→ doc/latex/oberdiek/stringenc-test1.tex
stringenc-test2.tex	→ doc/latex/oberdiek/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 `mktextlsr`.

## 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.

## 6 Index

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