

# The `stringenc` package

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## Abstract

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

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

## \StringEncodingList

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

### 1.2 Supported encodings

ascii, us-ascii	ASCII encoding, 8bit characters disabled
ascii-print, ascii-printable	printable ASCII characters including space (0x20–0x7E)
clean7bit	%\DocumentData: Clean7Bit bytes 0x1B to 0x7E, 0x0A (LF), 0x0D (CR), 0x09 (TAB)
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-8859-6	ISO-8859-6
iso-8859-7	ISO-8859-7
iso-8859-8	ISO-8859-8
iso-8859-9, latin5	ISO-8859-9
iso-8859-10, latin6	ISO-8859-10
iso-8859-11	ISO-8859-11
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 \catcode123 1 % {
9 \catcode125 2 % }
10 \expandafter\let\expandafter\x\csname ver@stringenc.sty\endcsname
11 \ifx\x\relax % plain-TeX, first loading
12 \else
13 \def\empty{}%
14 \ifx\x\empty % LaTeX, first loading,
15 % variable is initialized, but \ProvidesPackage not yet seen
16 \else
17 \catcode35 6 % #
18 \expandafter\ifx\csname PackageInfo\endcsname\relax
19 \def\x#1#2{%
20 \immediate\write-1{Package #1 Info: #2.}%
21 }%
22 \else
23 \def\x#1#2{\PackageInfo{#1}{#2, stopped}}%
24 \fi
25 \x{stringenc}{The package is already loaded}%
26 \aftergroup\endinput
27 \fi
28 \fi
29 \endgroup
```

Package identification:

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

```

60 \expandafter\x\csname ver@stringenc.sty\endcsname
61 \ProvidesPackage{stringenc}%
62 [2009/12/15 v1.7 Converts strings between encodings (H0)]

```

## 2.2 Catcodes

```

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

```

## 2.3 Tools

```

97 \begingroup\expandafter\expandafter\expandafter\endgroup
98 \expandafter\ifx\csname RequirePackage\endcsname\relax
99   \input infwarerr.sty\relax
100   \input pdfescape.sty\relax
101 \else
102   \RequirePackage{infwarerr}[2007/09/09]%
103   \RequirePackage{pdfescape}[2007/09/09]%
104 \fi

\SE@Empty

105 \def\SE@Empty{}

\SE@FirstOfOne

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

\SE@FirstOfTwo

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

\SE@SecondOfTwo

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

```

```

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

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

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

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

\SE@PrefixFrom
113 \def\SE@PrefixFrom{SE<}

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

\SE@PrefixTo
115 \def\SE@PrefixTo{SE>}

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

\SE@zero
117 \chardef\SE@zero=0 %

\SE@one
118 \chardef\SE@one=1 %

\SE@ResultAdd
119 \def\SE@ResultAdd#1{%
120   \edef\SE@result{\SE@result#1}%
121 }

122 \newif\ifSE@invalid

\SE@InvalidCharacter
123 \def\SE@InvalidCharacter{%
124   \SE@invalidtrue
125 }

\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.
126 \def\SE@ConvertTo#1#2#3{%
127   \let\SE@result\SE@Empty
128   \EdefSanitize\SE@encoding{#3}%
129   \expandafter\ifx\csname\SE@PrefixTo\SE@encoding\endcsname\relax
130     \StringEncodingLoad\SE@encoding
131   \fi
132   \expandafter\ifx\csname\SE@PrefixTo\SE@encoding\endcsname\relax
133     \@PackageError{stringenc}{%
134       Conversion to encoding ‘\SE@encoding’\MessageBreak
135       is not supported%
136     }\@ehc
137   \else
138     \expandafter\let\expandafter\SE@ConvertNormal
139       \csname\SE@PrefixTo\SE@encoding\endcsname
140     \expandafter\let\expandafter\SE@ConvertSurrogate

```

```

141         \csname\SE@PrefixSurrogateTo\SE@encoding\endcsname
142     \SE@@ConvertTo#2\relax\relax\relax\relax
143 \fi
144 \let#1\SE@result
145 }

```

\SE@@ConvertTo

```

146 \def\SE@@ConvertTo#1#2#3#4{%
147     \ifx#1\relax
148         \let\SE@next\relax
149     \else
150         \ifx#4\relax
151             \let\SE@next\relax
152             \SE@InvalidCharacter
153         \else
154             \let\SE@next\SE@@ConvertTo
155             \ifnum"#1#2#3#4<"D800 %
156                 \SE@ConvertNormal#1#2#3#4%
157             \else
158                 \ifnum"#1#2#3#4>"DFFF %
159                     \SE@ConvertNormal#1#2#3#4%
160                 \else
161                     \ifnum"#1#2#3#4>"DBFF %
162                         \SE@InvalidCharacter
163                     \else
164                         \def\SE@high{#1#2#3#4}%
165                         \let\SE@next\SE@@ScanLow
166                     \fi
167                 \fi
168             \fi
169             \ifSE@TestMode
170                 \ifSE@invalid
171                     \let\SE@next\SE@SkipRemaining
172                 \fi
173             \fi
174         \fi
175     \fi
176 \SE@next
177 }

```

\SE@SkipRemaining

```

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

```

\SE@@ScanLow

```

179 \def\SE@@ScanLow#1#2#3#4{%
180     \ifx#4\relax
181         \SE@InvalidCharacter
182         \let\SE@next\relax
183     \else
184         \ifcase\ifnum"#1#2#3#4<"DC00 %
185             \SE@zero
186         \else
187             \ifnum"#1#2#3#4>"DFFF %
188                 \SE@zero
189             \else
190                 \SE@one
191             \fi
192         \fi
193         \SE@InvalidCharacter
194         \ifSE@TestMode
195             \let\SE@next\SE@SkipRemaining
196         \else

```

```

197         \def\SE@next{SE@@ConvertTo#1#2#3#4}%
198     \fi
199 \else
200     \ifx\SE@ConvertSurrogate\relax
201     \else
202         \expandafter\SE@ConvertSurrogate\SE@high#1#2#3#4%
203     \fi
204     \let\SE@next\SE@@ConvertTo
205     \ifSE@TestMode
206         \ifSE@invalid
207             \let\SE@next\SE@SkipRemaining
208         \fi
209     \fi
210 \fi
211 \fi
212 \SE@next
213 }

```

**\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.

```

214 \def\SE@ConvertFrom#1#2#3{%
215     \let\SE@result\SE@Empty
216     \EdefSanitize\SE@encoding{#3}%
217     \expandafter\ifx\curname\SE@PrefixFrom\SE@encoding\endcsname\relax
218         \StringEncodingLoad\SE@encoding
219     \fi
220     \expandafter\ifx\curname\SE@PrefixFrom\SE@encoding\endcsname\relax
221         \@PackageError{stringenc}{%
222             Conversion from encoding '\SE@encoding'\MessageBreak
223             is not supported%
224         }\@ehc
225     \else
226         \curname\SE@PrefixFrom\SE@encoding\endcsname{#2}%
227     \fi
228     \let#1\SE@result
229 }

```

**\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.

```

230 \def\StringEncodingLoad#1{%
231     \begingroup
232         \catcode32=10 % space/space
233         \catcode35=6 % #/parameter
234         \catcode37=14 % percent/comment character
235         \catcode92=0 % backslash/escape character
236         \catcode123=1 % {/beginning of group
237         \catcode125=2 % }/end of group
238         \endlinechar=-1 %
239         \SE@MakeLetters @ABCDEFGHIJKLMNPRSTU%
240             abcdefghiklmnoprstuvwxyz\relax
241         \SE@MakeOthers "-./:<=>[]0123456789\relax
242         \expandafter\ifx\curname ProvidesFile\endcsname\relax
243             \def\ProvidesFile##1[##2]{%
244                 \immediate\write-1{File: ##1 ##2}%
245             }%
246         \fi
247         \SE@InputIfFileExists{se-#1.def}%
248     \endgroup
249 }

```

**\SE@MakeLetters**



```

250 \def\SE@MakeLetters#1{%
251   \ifx#1\relax
252   \else
253     \catcode'#1=11 %
254     \expandafter\SE@MakeLetters
255   \fi
256 }

```

\SE@MakeOthers

```

257 \def\SE@MakeOthers#1{%
258   \ifx#1\relax
259   \else
260     \catcode'#1=12 %
261     \expandafter\SE@MakeOthers
262   \fi
263 }

```

\SE@InputIfFileExists

```

264 \begingroup\expandafter\expandafter\expandafter\endgroup
265 \expandafter\ifx\csname IfFileExists\endcsname\relax
266   \input pdftexcmds.sty\relax
267 \begingroup\expandafter\expandafter\expandafter\endgroup
268 \expandafter\ifx\csname pdf@filesize\endcsname\relax
269   \def\SE@InputIfFileExists#1{%
270     \expandafter\ifx\csname @inputcheck\endcsname\relax
271       \csname newread\endcsname\@inputcheck
272     \fi
273     \openin\@inputcheck#1\relax
274     \ifeof\@inputcheck
275       \SE@FileNotFound{#1}%
276     \else
277       \SE@Input{#1}%
278     \fi
279   }%
280 \else
281   \def\SE@InputIfFileExists#1{%
282     \expandafter\expandafter\expandafter
283     \ifx\expandafter\expandafter\expandafter\\pdf@filesize{#1}\\%
284       \SE@FileNotFound{#1}%
285     \else
286       \SE@Input{#1}%
287     \fi
288   }%
289 \fi
290 \else
291   \def\SE@InputIfFileExists#1{%
292     \IfFileExists{#1}{%
293       \SE@Input{#1}%
294     }{%
295       \SE@FileNotFound{#1}%
296     }%
297   }%
298 \fi

```

\SE@FileNotFound

```

299 \def\SE@FileNotFound#1{%
300   \@PackageWarning{stringenc}{%
301     Encoding file '#1'\MessageBreak
302     not found%
303   }%
304 }

```

\SE@Input

```
305 \def\SE@Input{%
306   \@ifnextchar\bgroup\@iinput\@@input
307 }
308 \ifx\input\SE@Input
309   \def\SE@Input#1{%
310     \input{#1}%
311   }%
312 \else
313   \def\SE@Input#1{%
314     \input#1\relax
315   }%
316 \fi
```

\ifSE@numexpr

```
317 \newif\ifSE@numexpr
318 \begingroup\expandafter\expandafter\expandafter\endgroup
319 \expandafter\ifx\csname numexpr\endcsname\relax
320 \else
321   \SE@numexprtrue
322 \fi

323 \ifSE@numexpr
324   \catcode36=9 % $ ignore
325   \catcode38=14 % & comment
326 \else
327   \catcode36=14 % $ comment
328   \catcode38=9 % & ignore
329 \fi
```

\SE@Nibble@NumToHex

```
330 \def\SE@Nibble@NumToHex#1{%
331   $ \ifcase\numexpr#1\relax
332   & \expandafter\ifcase\expandafter\SE@FirstOfOne\expandafter{\number#1} %
333     0\or 1\or 2\or 3\or 4\or 5\or 6\or 7\or
334     8\or 9\or A\or B\or C\or D\or E\or F%
335   \fi
336 }
```

\SE@Nibble@NumToBin

```
337 \def\SE@Nibble@NumToBin#1{%
338   $ \ifcase\numexpr#1\relax
339   & \expandafter
340   & \ifcase\expandafter\SE@FirstOfOne\expandafter{\number#1} %
341     0000\or
342     0001\or
343     0010\or
344     0011\or
345     0100\or
346     0101\or
347     0110\or
348     0111\or
349     1000\or
350     1001\or
351     1010\or
352     1011\or
353     1100\or
354     1101\or
355     1110\or
356     1111%
357   \fi
358 }
```

\SE@Nibbles@BinToHex

```
359 \def\SE@Nibbles@BinToHex#1{%
360   \expandafter\SE@Nibbles@BinToHex#1\SE@Empty\SE@Empty
361                                     \SE@Empty\SE@Empty
362 }
363 \def\SE@Nibbles@BinToHex#1#2#3#4{%
364   \ifx#1\SE@Empty
365   \else
366   $   \SE@Nibble@NumToHex{%
367   $     \numexpr#4+2*(#3+2*(#2+2*#1))\relax
368   $   }%
369   &   \ifnum#1>\SE@zero
370   &     \ifnum#2>\SE@zero
371   &       \ifnum#3>\SE@zero
372   &         \ifnum#4>\SE@zero
373   &           F%
374   &         \else
375   &           E%
376   &         \fi
377   &       \else
378   &         \ifnum#4>\SE@zero
379   &           D%
380   &         \else
381   &           C%
382   &         \fi
383   &       \fi
384   &     \else
385   &       \ifnum#3>\SE@zero
386   &         \ifnum#4>\SE@zero
387   &           B%
388   &         \else
389   &           A%
390   &         \fi
391   &       \else
392   &         \ifnum#4>\SE@zero
393   &           9%
394   &         \else
395   &           8%
396   &         \fi
397   &       \fi
398   &     \fi
399   &   \else
400   &     \ifnum#2>\SE@zero
401   &       \ifnum#3>\SE@zero
402   &         \ifnum#4>\SE@zero
403   &           7%
404   &         \else
405   &           6%
406   &         \fi
407   &       \else
408   &         \ifnum#4>\SE@zero
409   &           5%
410   &         \else
411   &           4%
412   &         \fi
413   &       \fi
414   &     \else
415   &       \ifnum#3>\SE@zero
416   &         \ifnum#4>\SE@zero
417   &           3%
418   &         \else
419   &           2%
```

```

420 &          \fi
421 &          \else
422 &          \ifnum#4>\SE@zero
423 &          1%
424 &          \else
425 &          0%
426 &          \fi
427 &          \fi
428 &          \fi
429 &          \fi
430 \expandafter\SE@@Nibbles@BinToHex
431 \fi
432 }

```

\SE@Add

```

433 \def\SE@Add#1#2#3{%
434 $ \edef#1{\the\numexpr(#2)+(#3)\relax}%
435 & \begingroup
436 & \count\SE@zero=#2\relax
437 & \advance\count\SE@zero by#3\relax
438 & \edef\x{\endgroup
439 & \def\noexpand#1{\the\count\SE@zero}%
440 & }%
441 & \x
442 }

```

\SE@MapDeclare

```

443 \def\SE@MapDeclare#1#2#3{%
444 \SE@MapDeclareFrom{#1}{#2}{#3}%
445 \SE@MapDeclareTo{#1}{#2}{#3}%
446 }

```

\SE@MapDeclareFrom

```

447 \def\SE@MapDeclareFrom#1#2#3{%
448 \expandafter\gdef\csname SE->#1@#2\endcsname{#3}%
449 }

```

\SE@MapDeclareTo

```

450 \def\SE@MapDeclareTo#1#2#3{%
451 \expandafter\gdef\csname SE<#1@#3\endcsname{#2}%
452 }

```

\SE@MapConvertFrom

```

453 \def\SE@MapConvertFrom#1#2{%
454 $ \ifcsname SE->#1@#2\endcsname
455 $ \SE@ResultAdd{\csname SE->#1@#2\endcsname}%
456 $ \else
457 $ \SE@InvalidCharacter
458 $ \ifSE@TestMode
459 $ \let\SE@next\SE@SkipRemaining
460 $ \fi
461 $ \fi
462 & \begingroup\expandafter\expandafter\expandafter\endgroup
463 & \expandafter\ifx\csname SE->#1@#2\endcsname\relax
464 & \SE@InvalidCharacter
465 & \ifSE@TestMode
466 & \let\SE@next\SE@SkipRemaining
467 & \fi
468 & \else
469 & \SE@ResultAdd{\csname SE->#1@#2\endcsname}%
470 & \fi
471 }

```

\SE@MapConvertTo

```
472 \def\SE@MapConvertTo#1#2{%
473 $ \ifcsname SE<#1#2\endcsname
474 $ \SE@ResultAdd{\csname SE<#1#2\endcsname}%
475 $ \else
476 $ \SE@InvalidCharacter
477 $ \fi
478 & \begingroup\expandafter\expandafter\expandafter\endgroup
479 & \expandafter\ifx\csname SE<#1#2\endcsname\relax
480 & \SE@InvalidCharacter
481 & \else
482 & \SE@ResultAdd{\csname SE<#1#2\endcsname}%
483 & \fi
484 }
```

\StringEncodingConvert

```
485 \defStringEncodingConvert#1#2#3#4{%
486 \EdefSanitize\SE@from{#3}%
487 \EdefSanitize\SE@to{#4}%
488 \expandafter\ifx\csname SE@alias@\SE@from\endcsname\relax
489 \else
490 \EdefSanitize\SE@from{\csname SE@alias@\SE@from\endcsname}%
491 \fi
492 \expandafter\ifx\csname SE@alias@\SE@to\endcsname\relax
493 \else
494 \EdefSanitize\SE@to{\csname SE@alias@\SE@to\endcsname}%
495 \fi
496 \ifx\SE@to\SE@utfxvi
497 \let\SE@to\SE@utfxvibe
498 \else
499 \ifx\SE@to\SE@utfxxxii
500 \let\SE@to\SE@utfxxxiibe
501 \fi
502 \fi
503 \SE@invalidfalse
504 \EdefEscapeHex\SE@result{#2}%
505 \ifx\SE@from\SE@utfxvi
506 \SE@CheckByteOrderTwo
507 \else
508 \ifx\SE@from\SE@utfxvibe
509 \SE@RemoveByteOrderTwo{FEFF}%
510 \else
511 \ifx\SE@from\SE@utfxvile
512 \SE@RemoveByteOrderTwo{FFFE}%
513 \else
514 \ifx\SE@from\SE@utfxxxii
515 \SE@CheckByteOrderFour
516 \else
517 \ifx\SE@from\SE@utfxxxiibe
518 \SE@RemoveByteOrderFour{0}{FEFF}%
519 \else
520 \ifx\SE@from\SE@utfxxxiile
521 \SE@RemoveByteOrderFour{FFFE}{0}%
522 \fi
523 \fi
524 \fi
525 \fi
526 \fi
527 \fi
528 \ifx\SE@from\SE@to
529 \else
530 \ifx\SE@from\SE@utfxvibe
```

```

531     \else
532         \expandafter\SE@ConvertFrom\expandafter\SE@result
533         \expandafter{\SE@result}\SE@from
534     \fi
535     \ifx\SE@to\SE@utfxvibe
536     \else
537         \expandafter\SE@ConvertTo\expandafter\SE@result
538         \expandafter{\SE@result}\SE@to
539     \fi
540 \fi
541 \EdefUnescapeHex#1\SE@result
542 }

```

\StringEncodingSuccessFailure

```

543 \def\StringEncodingSuccessFailure{%
544     \ifSE@invalid
545         \expandafter\SE@SecondOfTwo
546     \else
547         \expandafter\SE@FirstOfTwo
548     \fi
549 }

```

\StringEncodingConvertTest

```

550 \def\StringEncodingConvertTest#1#2#3#4{%
551     \SE@TestModetrue
552     \StringEncodingConvert{#1}{#2}{#3}{#4}%
553     \SE@TestModefalse
554     \StringEncodingSuccessFailure
555 }
556 \newif\ifSE@TestMode

```

\SE@utfxvi

```
557 \EdefSanitize\SE@utfxvi{utf16}
```

\SE@utfxvibe

```
558 \EdefSanitize\SE@utfxvibe{utf16be}
```

\SE@utfxvile

```
559 \EdefSanitize\SE@utfxvile{utf16le}
```

\SE@utfxxxii

```
560 \EdefSanitize\SE@utfxxxii{utf32}
```

\SE@utfxxxibe

```
561 \EdefSanitize\SE@utfxxxibe{utf32be}
```

\SE@utfxxxile

```
562 \EdefSanitize\SE@utfxxxile{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.

```

563 \def\SE@CheckByteOrderTwo{%
564     \expandafter\SE@@CheckByteOrderTwo\SE@result0000\@nil
565 }
566 \def\SE@@CheckByteOrderTwo#1#2#3#4#5\@nil{%
567     \ifnum"#1#2#3#4="FEFF %
568         \let\SE@from\SE@utfxvibe
569         \edef\SE@result{\expandafter\SE@GobbleFour\SE@result}%

```

```

570 \else
571   \ifnum"#3#4#1#2="FEFF %
572     \let\SE@from\SE@utfxvile
573     \edef\SE@result{\expandafter\SE@GobbleFour\SE@result}%
574   \else
575     \let\SE@from\SE@utfxvibe
576   \fi
577 \fi
578 }

```

**\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.

```

579 \def\SE@CheckByteOrderFour{%
580   \expandafter\SE@@CheckByteOrderFour\SE@result00000000\@nil
581 }
582 \def\SE@@CheckByteOrderFour#1#2#3#4#5#6#7#8#9\@nil{%
583   \let\SE@from\SE@utfxxiibe
584   \ifnum"#1#2#3#4=\SE@zero
585     \ifnum"#5#6#7#8="FEFF %
586       \edef\SE@result{\expandafter\SE@GobbleEight\SE@result}%
587     \fi
588   \else
589     \ifnum"#7#8#5#6=\SE@zero
590       \ifnum"#3#4#1#2="FEFF %
591         \let\SE@from\SE@utfxxiile
592         \edef\SE@result{\expandafter\SE@GobbleEight\SE@result}%
593       \fi
594     \fi
595   \fi
596 }

```

**\SE@RemoveByteOrderTwo**

```

597 \def\SE@RemoveByteOrderTwo{%
598   \expandafter\SE@@RemoveByteOrderTwo\SE@result
599   \SE@Empty\SE@Empty\SE@Empty\SE@Empty\@nil
600 }
601 \def\SE@@RemoveByteOrderTwo#1#2#3#4#5\@nil#6{%
602   \ifnum"0#1#2#3#4="#6 %
603     \edef\SE@result{#5}%
604   \fi
605 }

```

**\SE@RemoveByteOrderFour**

```

606 \def\SE@RemoveByteOrderFour#1#2{%
607   \def\SE@a{"#1 }%
608   \def\SE@b{"#2 }%
609   \expandafter\SE@@RemoveByteOrderFour\SE@result
610   \SE@Empty\SE@Empty\SE@Empty\SE@Empty
611   \SE@Empty\SE@Empty\SE@Empty\SE@Empty
612   \@nil
613 }
614 \def\SE@@RemoveByteOrderFour#1#2#3#4#5#6#7#8#9\@nil{%
615   \ifnum"0#1#2#3#4=\SE@a
616     \ifnum"0#5#6#7#8=\SE@b
617       \edef\SE@result{#9}%
618     \fi
619   \fi
620 }

```

## 2.4 Encoding aliases

`\SE@EncodingAlias`

```
621 \def\SE@EncodingAlias#1#2{%
622   \expandafter\def\csname SE@alias@#1\endcsname{#2}%
623 }

624 \SE@EncodingAlias{ansinew}{cp1252}
625 \SE@EncodingAlias{applemac}{mac-roman}
626 \SE@EncodingAlias{ascii-printable}{ascii-print}
627 \SE@EncodingAlias{cp437de}{cp437}
628 \SE@EncodingAlias{decmulti}{dec-mcs}
629 \SE@EncodingAlias{latin1}{iso-8859-1}
630 \SE@EncodingAlias{latin2}{iso-8859-2}
631 \SE@EncodingAlias{latin3}{iso-8859-3}
632 \SE@EncodingAlias{latin4}{iso-8859-4}
633 \SE@EncodingAlias{latin5}{iso-8859-9}
634 \SE@EncodingAlias{latin6}{iso-8859-10}
635 \SE@EncodingAlias{latin7}{iso-8859-13}
636 \SE@EncodingAlias{latin8}{iso-8859-14}
637 \SE@EncodingAlias{latin9}{iso-8859-15}
638 \SE@EncodingAlias{latin10}{iso-8859-16}
639 \SE@EncodingAlias{mac-ce}{mac-centeuro}
640 \SE@EncodingAlias{mac-ukrainian}{mac-cyrillic}
641 \SE@EncodingAlias{macce}{mac-centeuro}
642 \SE@EncodingAlias{maccyr}{mac-cyrillic}
643 \SE@EncodingAlias{macukr}{mac-cyrillic}
644 \SE@EncodingAlias{next}{nextstep}
645 \SE@EncodingAlias{us-ascii}{ascii}
646 \SE@EncodingAlias{utf-8}{utf8}
647 \SE@EncodingAlias{utf-16}{utf16}
648 \SE@EncodingAlias{utf-16be}{utf16be}
649 \SE@EncodingAlias{utf-16le}{utf16le}
650 \SE@EncodingAlias{utf-32}{utf32}
651 \SE@EncodingAlias{utf-32be}{utf32be}
652 \SE@EncodingAlias{utf-32le}{utf32le}
```

All encodings of package `inputenx` are supported.

```
653 \def\SE@temp#1{%
654   \SE@EncodingAlias{x-#1}{#1}%
655 }

656 \SE@temp{ascii}
657 \SE@temp{ascii-print}
658 \SE@temp{clean7bit}
659 \SE@temp{cp437}
660 \SE@temp{cp850}
661 \SE@temp{cp852}
662 \SE@temp{cp855}
663 \SE@temp{cp858}
664 \SE@temp{cp865}
665 \SE@temp{cp866}
666 \SE@temp{cp1250}
667 \SE@temp{cp1251}
668 \SE@temp{cp1252}
669 \SE@temp{cp1257}
670 \SE@temp{dec-mcs}
671 \SE@temp{koi8-r}
672 \SE@temp{iso-8859-1}
673 \SE@temp{iso-8859-2}
674 \SE@temp{iso-8859-3}
675 \SE@temp{iso-8859-4}
676 \SE@temp{iso-8859-5}
677 \SE@temp{iso-8859-6}
```



```

678 \SE@temp{iso-8859-7}
679 \SE@temp{iso-8859-8}
680 \SE@temp{iso-8859-9}
681 \SE@temp{iso-8859-10}
682 \SE@temp{iso-8859-11}
683 \SE@temp{iso-8859-13}
684 \SE@temp{iso-8859-14}
685 \SE@temp{iso-8859-15}
686 \SE@temp{iso-8859-16}
687 \SE@temp{mac-centeuro}
688 \SE@temp{mac-cyrillic}
689 \SE@temp{mac-roman}
690 \SE@temp{nextstep}

```

\StringEncodingList

```

691 \def\StringEncodingList{%
692   ascii,%
693   ascii-print,%
694   clean7bit,%
695   cp437,%
696   cp850,%
697   cp852,%
698   cp855,%
699   cp858,%
700   cp865,%
701   cp866,%
702   cp1250,%
703   cp1251,%
704   cp1252,%
705   cp1257,%
706   dec-mcs,%
707   iso-8859-1,%
708   iso-8859-2,%
709   iso-8859-3,%
710   iso-8859-4,%
711   iso-8859-5,%
712   iso-8859-6,%
713   iso-8859-7,%
714   iso-8859-8,%
715   iso-8859-9,%
716   iso-8859-10,%
717   iso-8859-11,%
718   iso-8859-13,%
719   iso-8859-14,%
720   iso-8859-15,%
721   iso-8859-16,%
722   koi8-r,%
723   mac-centeuro,%
724   mac-cyrillic,%
725   mac-roman,%
726   nextstep,%
727   pdfdoc,%
728   utf8,%
729   utf16le,%
730   utf32be,%
731   utf32le%
732 }

733 </package>

```

## 2.5 Encoding files

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

```
734 <*utf32>
735 <utf32be>\ProvidesFile{se-utf32be.def}[2009/12/15 v1.7 stringenc: UTF-32BE]
736 <utf32le>\ProvidesFile{se-utf32le.def}[2009/12/15 v1.7 stringenc: UTF-32LE]

737 <utf32be>\expandafter\gdef\csname\SE@PrefixTo utf32be\endcsname#1#2#3#4{%
738 <utf32be> \SE@ResultAdd{0000#1#2#3#4}%
739 <utf32le>\expandafter\gdef\csname\SE@PrefixTo utf32le\endcsname#1#2#3#4{%
740 <utf32le> \SE@ResultAdd{#3#4#1#20000}%
741 }
```

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 hh11 1111 1111

www = uuuu - 1

```
742 <utf32be>\expandafter\gdef\csname\SE@PrefixSurrogateTo utf32be\endcsname
743 <utf32le>\expandafter\gdef\csname\SE@PrefixSurrogateTo utf32le\endcsname
744 #1#2#3#4#5#6#7#8{%
745 \edef\SE@w{\SE@Nibble@NumToBin{"#2}}%
746 \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
747 \edef\SE@c{\SE@Nibble@NumToBin{"#6}}%
748 \edef\SE@w{%
749 \expandafter\SE@GobbleTwo\SE@w
750 \expandafter\SE@CarTwo\SE@a@nil
751 }%
752 \edef\SE@w{%
753 \SE@Nibbles@BinToHex\SE@w
754 }%
755 \SE@Add\SE@w{\expandafter"\SE@w}\SE@one
756 \edef\SE@a{%
757 \expandafter\SE@GobbleTwo\SE@a
758 \SE@Nibble@NumToBin{"#4}%
759 \expandafter\SE@GobbleTwo\SE@c
760 }%
761 <utf32be> \SE@ResultAdd{%
762 <utf32le> \SE@utfxxxii@le@add{%
763 00%
764 \ifnum\SE@w>15 %
765 10%
766 \else
767 0%
768 \SE@Nibble@NumToHex\SE@w
769 \fi
770 \SE@Nibbles@BinToHex\SE@a
771 #7#8%
772 }%
773 }
774 <*utf32le>
775 \gdef\SE@utfxxxii@le@add#1{%
776 \edef\SE@temp{#1}%
777 \SE@ResultAdd{%
778 \expandafter\SE@utfxxxii@le@switch\SE@temp
779 }%
780 }
781 \gdef\SE@utfxxxii@le@switch#1#2#3#4#5#6#7#8{%
782 #7#8#5#6#3#4#1#2%
783 }
784 </utf32le>
785 <*utf32be>
786 \expandafter\gdef\csname\SE@PrefixFrom utf32be\endcsname#1{%
787 \expandafter\SE@utfxxxii@be@from#1\relax\relax\relax\relax
788 \relax\relax\relax\relax
```

```

789 }
790 \gdef\SE@utfxxxii@be@from#1#2#3#4#5#6#7#8{%
791   \ifx#1\relax
792     \let\SE@next\relax
793   \else
794     \ifx#8\relax
795       \let\SE@next\relax
796     \SE@InvalidCharacter
797   \else
798     \let\SE@next\SE@utfxxxii@be@from
799     \SE@utfxxxii@from#1#2#3#4#5#6#7#8%
800   \fi
801 \fi
802 \SE@next
803 }
804 </utf32be>
805 <*utf32le>
806 \expandafter\gdef\csname\SE@PrefixFrom utf32le\endcsname#1{%
807   \expandafter\SE@utfxxxii@le@from#1\relax\relax\relax\relax
808                                     \relax\relax\relax\relax
809 }
810 \gdef\SE@utfxxxii@le@from#1#2#3#4#5#6#7#8{%
811   \ifx#1\relax
812     \let\SE@next\relax
813   \else
814     \ifx#8\relax
815       \let\SE@next\relax
816     \SE@InvalidCharacter
817   \else
818     \let\SE@next\SE@utfxxxii@le@from
819     \SE@utfxxxii@from#7#8#5#6#3#4#1#2%
820   \fi
821 \fi
822 \SE@next
823 }
824 </utf32le>
825 \gdef\SE@utfxxxii@from#1#2#3#4#5#6#7#8{%
826   \ifcase\ifnum"#1#2>\z@
827     \SE@zero
828   \else
829     \ifnum"#3#4#5#6#7#8>"10FFFF %
830     \SE@zero
831   \else
832     \ifnum"#3#4#5#6#7#8<"D800 %
833     \SE@one
834   \else
835     \ifnum"#3#4#5#6#7#8>"DFFF %
836     \SE@one
837   \else
838     \SE@zero
839   \fi
840   \fi
841   \fi
842   \fi
843   \SE@InvalidCharacter
844   \ifSE@TestMode
845     \let\SE@next\SE@SkipRemaining
846   \fi
847 \else
848   \ifcase"#3#4 %
849     \SE@ResultAdd{#5#6#7#8}%
850   \else

```

```

851     \edef\SE@low{\SE@Nibble@NumToBin{"#6}}%
852     \SE@Add\SE@high{"#3#4}{-1}%
853     \edef\SE@high{%
854         10\SE@Nibble@NumToBin\SE@high
855         \SE@Nibble@NumToBin{"#5}%
856         \expandafter\SE@CarTwo\SE@low\@nil
857     }%
858     \edef\SE@low{%
859         11\expandafter\SE@GobbleTwo\SE@low
860     }%
861     \SE@ResultAdd{%
862         D\SE@Nibbles@BinToHex\SE@high
863         D\SE@Nibbles@BinToHex\SE@low
864         #7#8%
865     }%
866     \fi
867     \fi
868 }
869 </utf32>

```

### 2.5.2 UTF-8

```

870 <*utf8>
871 \ProvidesFile{se-utf8.def}[2009/12/15 v1.7 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
872 \expandafter\gdef\csname\SE@PrefixTo utf8\endcsname#1#2#3#4{%
873     \ifnum"#1#2#3#4<"80 %
874         \SE@ResultAdd{"#3#4}%
875     \else
876         \ifnum"#1#2#3#4<"800 %
877             \edef\SE@temp{%
878                 \SE@Nibble@NumToBin{"#3}%
879             }%
880             \edef\SE@temp{%
881                 11%
882                 \SE@Nibble@NumToBin{"#2}%
883                 \expandafter\SE@CarTwo\SE@temp\@nil
884                 10%
885                 \expandafter\SE@GobbleTwo\SE@temp
886             }%
887             \SE@ResultAdd{%
888                 \SE@Nibbles@BinToHex\SE@temp
889                 #4%
890             }%
891         \else
892             \edef\SE@temp{%
893                 \SE@Nibble@NumToBin{"#3}%
894             }%
895             \edef\SE@temp{%
896                 10%
897                 \SE@Nibble@NumToBin{"#2}%
898                 \expandafter\SE@CarTwo\SE@temp\@nil
899                 10%
900                 \expandafter\SE@GobbleTwo\SE@temp
901             }%
902             \SE@ResultAdd{%
903                 E#1%
904                 \SE@Nibbles@BinToHex\SE@temp
905                 #4%
906             }%
907         \fi

```

```

908 \fi
909 }

UTF-16: #1:1101 #2:10ww #3:wwzz #4:zzyy #5:1101 #6:11yy #7:yyxx #8:xxxx
UTF-32: 0000 0000 000u uuuu zzzz yyyy yyxx xxxx
UTF-8: 1111 0uuu 10uu zzzz 10yy yyyy 10xx xxxx www = uuuuu - 1
910 \expandafter\gdef\csname\SE@PrefixSurrogateTo utf8\endcsname
911     #1#2#3#4#5#6#7#8{%
912     \edef\SE@w{\SE@Nibble@NumToBin{"#2}}%
913     \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
914     \edef\SE@b{\SE@Nibble@NumToBin{"#4}}%
915     \edef\SE@c{\SE@Nibble@NumToBin{"#6}}%
916     \edef\SE@d{\SE@Nibble@NumToBin{"#7}}%
917     \edef\SE@w{%
918         \expandafter\SE@GobbleTwo\SE@w
919         \expandafter\SE@CarTwo\SE@a@nil
920     }%
921     \edef\SE@w{%
922         \SE@Nibbles@BinToHex\SE@w
923     }%
924     \SE@Add\SE@w{\expandafter"\SE@w}\SE@one
925     \ifnum\SE@w>15 %
926         \def\SE@char{1}%
927         \SE@Add\SE@w\SE@w{-16}%
928     \else
929         \def\SE@char{0}%
930     \fi
931     \edef\SE@w{\SE@Nibble@NumToBin\SE@w}%
932     \edef\SE@temp{%
933         0\SE@char
934         \expandafter\SE@CarTwo\SE@w@nil
935         10%
936         \expandafter\SE@GobbleTwo\SE@w
937         \expandafter\SE@GobbleTwo\SE@a
938         \expandafter\SE@CarTwo\SE@b@nil
939         10%
940         \expandafter\SE@GobbleTwo\SE@b
941         \expandafter\SE@GobbleTwo\SE@c
942         \expandafter\SE@CarTwo\SE@d@nil
943         10%
944         \expandafter\SE@GobbleTwo\SE@d
945     }%
946     \SE@ResultAdd{%
947         F%
948         \SE@Nibbles@BinToHex\SE@temp
949         #8%
950     }%
951 }

952 \expandafter\gdef\csname\SE@PrefixFrom utf8\endcsname#1{%
953     \let\SE@temp\SE@Empty
954     \let\SE@next\SE@utfviii@filter
955     \expandafter\SE@utfviii@filter#1\relax\relax
956     \ifcase\ifSE@TestMode
957         \ifSE@invalid
958             \SE@one
959         \else
960             \SE@zero
961         \fi
962     \else
963         \SE@zero
964     \fi
965     \expandafter\SE@utfviii@from\SE@temp\relax\relax\relax\relax
966         \relax\relax\relax\relax

```

```

967 \fi
968 }

Invalid bytes in UTF-8: C0-C1, F5-FF
969 \gdef\SE@utfviii@filter#1#2{%
970 \ifx#1\relax
971 \let\SE@next\relax
972 \else
973 \ifcase\ifnum"#1#2>"F4 %
974 \SE@zero
975 \else
976 \ifnum"#1#2="C0 %
977 \SE@zero
978 \else
979 \ifnum"#1#2="C1 %
980 \SE@zero
981 \else
982 \SE@one
983 \fi
984 \fi
985 \fi
986 \SE@InvalidCharacter
987 \ifSE@TestMode
988 \let\SE@next\SE@SkipRemaining
989 \fi
990 \else
991 \edef\SE@temp{\SE@temp#1#2}%
992 \fi
993 \fi
994 \SE@next
995 }
996 \gdef\SE@utfviii@from#1#2#3#4#5#6#7#8{%
997 \ifx#1\relax
998 \let\SE@next\relax
999 \else
1000 \ifnum"#1<8 % 0xxx xxxx
1001 \SE@ResultAdd{00#1#2}%
1002 \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1003 \else
1004 \ifnum"#1<12 % 10xx xxxx
1005 \SE@InvalidCharacter
1006 \ifSE@TestMode
1007 \let\SE@next\SE@SkipRemaining
1008 \else
1009 \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1010 \fi
1011 \else
1012 \ifx#3\relax
1013 \let\SE@next\relax
1014 \SE@InvalidCharacter
1015 \else
1016 \ifcase\SE@utfviii@CheckCont#3%
1017 \SE@InvalidCharacter
1018 \ifSE@TestMode
1019 \let\SE@next\SE@SkipRemaining
1020 \else
1021 \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1022 \fi
1023 \else
1024 \ifnum"#1<14 % 110y yyyy 10xx xxxx
1025 % 0000 0yyy yyxx xxxx
1026 \edef\SE@temp{%
1027 \SE@Nibble@NumToBin{"#3}%

```

```

1028 }%
1029 \edef\SE@temp{%
1030   0\ifodd"#1 1\else 0\fi
1031   \SE@Nibble@NumToBin{"#2}%
1032   \expandafter\SE@GobbleTwo\SE@temp
1033 }%
1034 \SE@ResultAdd{%
1035   0%
1036   \SE@Nibbles@BinToHex\SE@temp
1037   #4%
1038 }%
1039 \def\SE@next{\SE@utfviii@from#5#6#7#8}%
1040 \else
1041   \ifx#5\relax
1042     \let\SE@next\relax
1043     \SE@InvalidCharacter
1044   \else
1045     \ifcase\SE@utfviii@CheckCont#5%
1046       \SE@InvalidCharacter
1047       \ifSE@TestMode
1048         \let\SE@next\SE@SkipRemaining
1049       \else
1050         \def\SE@next{\SE@utfviii@from#5#6#7#8}%
1051       \fi
1052     \else
1053       \ifnum"#1=14 % 1110 zzzz 10yy yyyy 10xx xxxx
1054         % zzzz yyyy yyxx xxxx
1055       \ifcase\ifnum"#2="D %
1056         \ifnum"#3#4>"9F %
1057           \SE@zero
1058         \else
1059           \SE@one
1060         \fi
1061       \else
1062         \ifnum"#2=\SE@zero
1063           \ifnum"#3<"A %
1064             \SE@zero
1065           \else
1066             \SE@one
1067           \fi
1068         \else
1069           \SE@one
1070         \fi
1071       \fi
1072     \SE@InvalidCharacter
1073     \ifSE@TestMode
1074       \let\SE@next\SE@SkipRemaining
1075     \else
1076       \def\SE@next{\SE@utfviii@from#7#8}%
1077     \fi
1078   \else
1079     \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
1080     \edef\SE@b{\SE@Nibble@NumToBin{"#5}}%
1081     \edef\SE@temp{%
1082       \expandafter\SE@GobbleTwo\SE@a
1083       \SE@Nibble@NumToBin{"#4}%
1084       \expandafter\SE@GobbleTwo\SE@b
1085     }%
1086     \SE@ResultAdd{%
1087       #2%
1088       \SE@Nibbles@BinToHex\SE@temp
1089       #6%

```

```

1090         }%
1091         \def\SE@next{\SE@utfviii@from#7#8}%
1092     \fi
1093 \else
1094     \ifx#7\relax
1095         \let\SE@next\relax
1096         \SE@InvalidCharacter
1097     \else
1098         \ifcase\SE@utfviii@CheckCont#7%
1099             \SE@InvalidCharacter
1100             \ifSE@TestMode
1101                 \let\SE@next\SE@SkipRemaining
1102             \else
1103                 \def\SE@next{\SE@utfviii@from#7#8}%
1104             \fi
1105         \else
1106             \let\SE@next\SE@utfviii@from
1107             \ifnum"#2<8 % 1111 0uuu 10uu zzzz 10yy yyyy 10xx xxxx
1108                 % 1101 10ww wwzz zzyy 1101 11yy yyxx xxxx
1109                 \edef\SE@w{\SE@Nibble@NumToBin{"#3}}%
1110                 \edef\SE@w{%
1111                     00%
1112                     \SE@Nibble@NumToBin{"#2}%
1113                     \expandafter\SE@GobbleTwo\SE@w
1114                 }%
1115                 \edef\SE@w{\SE@Nibbles@BinToHex\SE@w}%
1116                 \SE@Add\SE@w{\expandafter"\SE@w}{-1}%
1117                 \ifnum\SE@w>15 %
1118                     \SE@InvalidCharacter
1119                     \ifSE@TestMode
1120                         \let\SE@next\SE@SkipRemaining
1121                     \fi
1122                 \else
1123                     \ifnum\SE@w<\SE@zero
1124                         \SE@InvalidCharacter
1125                         \ifSE@TestMode
1126                             \let\SE@next\SE@SkipRemaining
1127                         \fi
1128                     \else
1129                         \edef\SE@a{\SE@Nibble@NumToBin{"#5}}%
1130                         \edef\SE@b{\SE@Nibble@NumToBin{"#7}}%
1131                         \edef\SE@temp{%
1132                             10%
1133                             \SE@Nibble@NumToBin\SE@w
1134                             \SE@Nibble@NumToBin{"#4}%
1135                             \expandafter\SE@GobbleTwo\SE@a
1136                             1101%
1137                             11%
1138                             \SE@Nibble@NumToBin{"#6}%
1139                             \expandafter\SE@GobbleTwo\SE@b
1140                         }%
1141                         \SE@ResultAdd{%
1142                             D%
1143                             \SE@Nibbles@BinToHex\SE@temp
1144                             #8%
1145                         }%
1146                     \fi
1147                 \fi
1148             \else
1149                 \SE@InvalidCharacter
1150                 \if\SE@TestMode
1151                     \let\SE@next\SE@SkipRemaining

```



```

1152                                     \fi
1153                                 \fi
1154                            \fi
1155                        \fi
1156                    \fi
1157                \fi
1158            \fi
1159        \fi
1160    \fi
1161 \fi
1162 \fi
1163 \fi
1164 \fi
1165 \SE@next
1166 }
1167 \gdef\SE@utfviii@CheckCont#1{%
1168 \ifnum"#1<8 %
1169 \SE@zero
1170 \else
1171 \ifnum"#1<12 %
1172 \SE@one
1173 \else
1174 \SE@zero
1175 \fi
1176 \fi
1177 }
1178 </utf8>

```

### 2.5.3 UTF-16LE

```

1179 <*utf16le>
1180 \ProvidesFile{se-utf16le.def}[2009/12/15 v1.7 stringenc: UTF-16LE]
1181 \expandafter\gdef\csname\SE@PrefixTo utf16le\endcsname#1#2#3#4{%
1182 \SE@ResultAdd{#3#4#1#2}%
1183 }
1184 \expandafter\gdef\csname\SE@PrefixSurrogateTo utf16le\endcsname
1185 #1#2#3#4#5#6#7#8{%
1186 \SE@ResultAdd{#3#4#1#2#7#8#5#6}%
1187 }
1188 \expandafter\gdef\csname\SE@PrefixFrom utf16le\endcsname#1{%
1189 \expandafter\SE@utfxvile@from#1\relax\relax\relax\relax
1190 }
1191 \gdef\SE@utfxvile@from#1#2#3#4{%
1192 \ifx#1\relax
1193 \else
1194 \ifx#4\relax
1195 \SE@InvalidCharacter
1196 \else
1197 \SE@ResultAdd{#3#4#1#2}%
1198 \fi
1199 \expandafter\SE@utfxvile@from
1200 \fi
1201 }
1202 </utf16le>

```

### 2.5.4 PDFDocEncoding

```

1203 <*pdfdoc>
1204 \ProvidesFile{se-pdfdoc.def}[2009/12/15 v1.7 stringenc: PDFDocEncoding]

```

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

```

1205 \expandafter\gdef\csname\SE@PrefixTo pdfdoc\endcsname#1#2#3#4{%
1206   \ifcase\ifnum"#1#2#3#4<256 %
1207       \ifnum"#1#2#3#4>160 %
1208           \SE@zero
1209       \else
1210           \ifnum"#1#2#3#4<127 %
1211               \ifnum"#1#2#3#4>31 %
1212                   \SE@zero
1213               \else
1214                   \SE@one
1215               \fi
1216           \else
1217               \SE@one
1218           \fi
1219       \fi
1220   \else
1221       \SE@one
1222   \fi
1223   \SE@ResultAdd{#3#4}%
1224 \else
1225   \SE@MapConvertTo{pdfdoc}-{#1#2#3#4}%
1226 \fi
1227 }

1228 \expandafter\gdef\csname\SE@PrefixSurrogateTo pdfdoc\endcsname
1229   #1#2#3#4#5#6#7#8{%
1230   \SE@InvalidCharacter
1231 }

1232 \expandafter\gdef\csname\SE@PrefixFrom pdfdoc\endcsname#1{%
1233   \let\SE@next\SE@pdfdoc@from
1234   \expandafter\SE@pdfdoc@from#1\relax\relax
1235 }
1236 \gdef\SE@pdfdoc@from#1#2{%
1237   \ifx#1\relax
1238       \let\SE@next\relax
1239   \else
1240       \ifcase\ifnum"#1#2>160 %
1241           \ifnum"#1#2="AD %
1242               2 %
1243           \else
1244               \SE@zero
1245           \fi
1246       \else
1247           \ifnum"#1#2<127 %
1248               \ifnum"#1#2>31 %
1249                   \SE@zero
1250               \else
1251                   \SE@one
1252               \fi
1253           \else
1254               \SE@one
1255           \fi
1256       \fi
1257       \SE@ResultAdd{00#1#2}%
1258   \or
1259       \SE@MapConvertFrom{pdfdoc}-{#1#2}%
1260   \else
1261       \SE@InvalidCharacter
1262       \ifSE@TestMode
1263           \let\SE@next\SE@SkipRemaining
1264       \fi
1265   \fi
1266 \fi

```

```

1267 \SE@next
1268 }

1269 \SE@MapDeclare{pdfdoc}{09}{0009}
1270 \SE@MapDeclare{pdfdoc}{0A}{000A}
1271 \SE@MapDeclare{pdfdoc}{0D}{000D}
1272 \SE@MapDeclare{pdfdoc}{18}{02D8}
1273 \SE@MapDeclare{pdfdoc}{19}{02C7}
1274 \SE@MapDeclare{pdfdoc}{1A}{02C6}
1275 \SE@MapDeclare{pdfdoc}{1B}{02D9}
1276 \SE@MapDeclare{pdfdoc}{1C}{02DD}
1277 \SE@MapDeclare{pdfdoc}{1D}{02DB}
1278 \SE@MapDeclare{pdfdoc}{1E}{02DA}
1279 \SE@MapDeclare{pdfdoc}{1F}{02DC}
1280 \SE@MapDeclare{pdfdoc}{80}{2022}
1281 \SE@MapDeclare{pdfdoc}{81}{2020}
1282 \SE@MapDeclare{pdfdoc}{82}{2021}
1283 \SE@MapDeclare{pdfdoc}{83}{2026}
1284 \SE@MapDeclare{pdfdoc}{84}{2014}
1285 \SE@MapDeclare{pdfdoc}{85}{2013}
1286 \SE@MapDeclare{pdfdoc}{86}{0192}
1287 \SE@MapDeclare{pdfdoc}{87}{2044}
1288 \SE@MapDeclare{pdfdoc}{88}{2039}
1289 \SE@MapDeclare{pdfdoc}{89}{203A}
1290 \SE@MapDeclare{pdfdoc}{8A}{2212}
1291 \SE@MapDeclare{pdfdoc}{8B}{2030}
1292 \SE@MapDeclare{pdfdoc}{8C}{201E}
1293 \SE@MapDeclare{pdfdoc}{8D}{201C}
1294 \SE@MapDeclare{pdfdoc}{8E}{201D}
1295 \SE@MapDeclare{pdfdoc}{8F}{2018}
1296 \SE@MapDeclare{pdfdoc}{90}{2019}
1297 \SE@MapDeclare{pdfdoc}{91}{201A}
1298 \SE@MapDeclare{pdfdoc}{92}{2122}
1299 \SE@MapDeclare{pdfdoc}{93}{FB01}
1300 \SE@MapDeclare{pdfdoc}{94}{FB02}
1301 \SE@MapDeclare{pdfdoc}{95}{0141}
1302 \SE@MapDeclare{pdfdoc}{96}{0152}
1303 \SE@MapDeclare{pdfdoc}{97}{0160}
1304 \SE@MapDeclare{pdfdoc}{98}{0178}
1305 \SE@MapDeclare{pdfdoc}{99}{017D}
1306 \SE@MapDeclare{pdfdoc}{9A}{0131}
1307 \SE@MapDeclare{pdfdoc}{9B}{0142}
1308 \SE@MapDeclare{pdfdoc}{9C}{0153}
1309 \SE@MapDeclare{pdfdoc}{9D}{0161}
1310 \SE@MapDeclare{pdfdoc}{9E}{017E}
1311 \SE@MapDeclare{pdfdoc}{A0}{20AC}

1312 </pdfdoc>

```

### 2.5.5 ISO-8859-1

```

1313 <*iso - 8859 - 1>
1314 \ProvidesFile{se-iso-8859-1.def}[2009/12/15 v1.7 stringenc: ISO-8859-1]

    Excluded area: 0x80..0x9F
1315 \expandafter\gdef\csname\SE@PrefixTo iso-8859-1\endcsname#1#2#3#4{%
1316 \ifcase\ifnum"#1#2=\SE@zero
1317 \ifnum"#3#4<"80 %
1318 \SE@one
1319 \else
1320 \ifnum"#3#4>"9F %
1321 \SE@one
1322 \else
1323 \SE@zero
1324 \fi

```

```

1325         \fi
1326     \else
1327         \SE@zero
1328     \fi
1329     \SE@InvalidCharacter
1330 \else
1331     \SE@ResultAdd{#3#4}%
1332 \fi
1333 }

1334 \expandafter\gdef\csname\SE@PrefixSurrogateTo iso-8859-1\endcsname
1335     #1#2#3#4#5#6#7#8{%
1336     \SE@InvalidCharacter
1337 }

1338 \expandafter\gdef\csname\SE@PrefixFrom iso-8859-1\endcsname#1{%
1339     \let\SE@next\SE@isoone@from
1340     \expandafter\SE@isoone@from#1\relax\relax
1341 }
1342 \gdef\SE@isoone@from#1#2{%
1343     \ifx#1\relax
1344         \let\SE@next\relax
1345     \else
1346         \ifcase\ifnum"#1#2<"80 %
1347             \SE@one
1348         \else
1349             \ifnum"#1#2>"9F %
1350                 \SE@one
1351             \else
1352                 \SE@zero
1353             \fi
1354         \fi
1355         \SE@InvalidCharacter
1356         \ifSE@TestMode
1357             \let\SE@next\SE@SkipRemaining
1358         \fi
1359     \else
1360         \SE@ResultAdd{00#1#2}%
1361     \fi
1362 \fi
1363 \SE@next
1364 }

1365 </iso - 8859 - 1>

```

### 2.5.6 CP1252

```

1366 <*cp1252>
1367 \ProvidesFile{se-cp1252.def}[2009/12/15 v1.7 stringenc: cp1252]

1368 \expandafter\gdef\csname\SE@PrefixTo cp1252\endcsname#1#2#3#4{%
1369     \ifcase\ifnum"#1#2=\SE@zero
1370         \ifnum"#3#4<"80 %
1371             \SE@one
1372         \else
1373             \ifnum"#3#4>"9F %
1374                 \SE@one
1375             \else
1376                 \SE@zero
1377             \fi
1378         \fi
1379     \else
1380         \SE@zero
1381     \fi
1382     \SE@MapConvertTo{cp1252}{#1#2#3#4}%
1383 \else

```

```

1384     \SE@ResultAdd{#3#4}%
1385     \fi
1386 }

1387 \expandafter\gdef\csname\SE@PrefixSurrogateTo cp1252\endcsname
1388     #1#2#3#4#5#6#7#8{%
1389     \SE@InvalidCharacter
1390 }

1391 \expandafter\gdef\csname\SE@PrefixFrom cp1252\endcsname#1{%
1392     \let\SE@next\SE@ansinew@from
1393     \expandafter\SE@ansinew@from#1\relax\relax
1394 }
1395 \gdef\SE@ansinew@from#1#2{%
1396     \ifx#1\relax
1397         \let\SE@next\relax
1398     \else
1399         \ifcase\ifnum"#1#2<"80 %
1400             \SE@one
1401         \else
1402             \ifnum"#1#2>"9F %
1403                 \SE@one
1404             \else
1405                 \SE@zero
1406             \fi
1407         \fi
1408         \SE@MapConvertFrom{cp1252}-{#1#2}%
1409     \else
1410         \SE@ResultAdd{00#1#2}%
1411     \fi
1412 \fi
1413 \SE@next
1414 }

1415 \SE@MapDeclare{cp1252}{80}{20AC}% EURO SIGN
1416 \SE@MapDeclare{cp1252}{82}{201A}% SINGLE LOW-9 QUOTATION MARK
1417 \SE@MapDeclare{cp1252}{83}{0192}% LATIN SMALL LETTER F WITH HOOK
1418 \SE@MapDeclare{cp1252}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK
1419 \SE@MapDeclare{cp1252}{85}{2026}% HORIZONTAL ELLIPSIS
1420 \SE@MapDeclare{cp1252}{86}{2020}% DAGGER
1421 \SE@MapDeclare{cp1252}{87}{2021}% DOUBLE DAGGER
1422 \SE@MapDeclare{cp1252}{88}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT
1423 \SE@MapDeclare{cp1252}{89}{2030}% PER MILLE SIGN
1424 \SE@MapDeclare{cp1252}{8A}{0160}% LATIN CAPITAL LETTER S WITH CARON
1425 \SE@MapDeclare{cp1252}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK
1426 \SE@MapDeclare{cp1252}{8C}{0152}% LATIN CAPITAL LIGATURE OE
1427 \SE@MapDeclare{cp1252}{8E}{017D}% LATIN CAPITAL LETTER Z WITH CARON
1428 \SE@MapDeclare{cp1252}{91}{2018}% LEFT SINGLE QUOTATION MARK
1429 \SE@MapDeclare{cp1252}{92}{2019}% RIGHT SINGLE QUOTATION MARK
1430 \SE@MapDeclare{cp1252}{93}{201C}% LEFT DOUBLE QUOTATION MARK
1431 \SE@MapDeclare{cp1252}{94}{201D}% RIGHT DOUBLE QUOTATION MARK
1432 \SE@MapDeclare{cp1252}{95}{2022}% BULLET
1433 \SE@MapDeclare{cp1252}{96}{2013}% EN DASH
1434 \SE@MapDeclare{cp1252}{97}{2014}% EM DASH
1435 \SE@MapDeclare{cp1252}{98}{02DC}% SMALL TILDE
1436 \SE@MapDeclare{cp1252}{99}{2122}% TRADE MARK SIGN
1437 \SE@MapDeclare{cp1252}{9A}{0161}% LATIN SMALL LETTER S WITH CARON
1438 \SE@MapDeclare{cp1252}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
1439 \SE@MapDeclare{cp1252}{9C}{0153}% LATIN SMALL LIGATURE OE
1440 \SE@MapDeclare{cp1252}{9E}{017E}% LATIN SMALL LETTER Z WITH CARON
1441 \SE@MapDeclare{cp1252}{9F}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS

1442 </cp1252>

```

## 2.5.7 US-ASCII

```

1443 <*ascii>
1444 \ProvidesFile{se-ascii.def}[2009/12/15 v1.7 stringenc: US-ASCII]

1445 \expandafter\gdef\csname\SE@PrefixTo ascii\endcsname#1#2#3#4{%
1446     \ifnum"#1#2#3<8 %
1447         \SE@ResultAdd{#3#4}%
1448     \else
1449         \SE@InvalidCharacter

```

```

1450 \fi
1451 }

1452 \expandafter\gdef\csname\SE@PrefixSurrogateTo ascii\endcsname
1453     #1#2#3#4#5#6#7#8{%
1454 \SE@InvalidCharacter
1455 }

1456 \expandafter\gdef\csname\SE@PrefixFrom ascii\endcsname#1{%
1457 \let\SE@next\SE@ascii@from
1458 \expandafter\SE@ascii@from#1\relax\relax
1459 }
1460 \gdef\SE@ascii@from#1#2{%
1461 \ifx#1\relax
1462 \let\SE@next\relax
1463 \else
1464 \ifnum"#1>7 %
1465 \SE@InvalidCharacter
1466 \ifSE@TestMode
1467 \let\SE@next\SE@SkipRemaining
1468 \fi
1469 \else
1470 \SE@ResultAdd{00#1#2}%
1471 \fi
1472 \fi
1473 \SE@next
1474 }

1475 </ascii>

```

### 2.5.8 Encoding ascii-print

```

1476 <*ascii – print>
1477 \ProvidesFile{se-ascii-print.def}%
1478 [2009/12/15 v1.7 stringenc: Printable ASCII characters]%

1479 \expandafter\gdef\csname\SE@PrefixTo ascii-print\endcsname#1#2#3#4{%
1480 \ifnum"#1#2=\z@ %
1481 \ifnum"#3#4<127 %
1482 \ifnum"#3#4>31 %
1483 \SE@ResultAdd{#3#4}%
1484 \else
1485 \SE@InvalidCharacter
1486 \fi
1487 \else
1488 \SE@InvalidCharacter
1489 \fi
1490 \else
1491 \SE@InvalidCharacter
1492 \fi
1493 }

1494 \expandafter\gdef\csname\SE@PrefixSurrogateTo ascii-print\endcsname
1495     #1#2#3#4#5#6#7#8{%
1496 \SE@InvalidCharacter
1497 }

1498 \expandafter\gdef\csname\SE@PrefixFrom ascii-print\endcsname#1{%
1499 \let\SE@next\SE@ascii@print@from
1500 \expandafter\SE@ascii@print@from#1\relax\relax
1501 }
1502 \gdef\SE@ascii@print@from#1#2{%
1503 \ifx#1\relax
1504 \let\SE@next\relax
1505 \else
1506 \ifnum"#1#2>126 %
1507 \SE@InvalidCharacter

```

```

1508     \ifSE@TestMode
1509     \let\SE@next\SE@SkipRemaining
1510     \fi
1511   \else
1512     \ifnum"#1#2<32 %
1513       \SE@InvalidCharacter
1514       \ifSE@TestMode
1515         \let\SE@next\SE@SkipRemaining
1516       \fi
1517     \else
1518       \SE@ResultAdd{00#1#2}%
1519     \fi
1520   \fi
1521 \fi
1522 \SE@next
1523 }
1524 </ascii – print>

```

### 2.5.9 Clean7Bit

```

1525 <*clean7bit>
1526 \ProvidesFile{se-clean7bit.def}[2009/12/15 v1.7 stringenc: Clean7Bit]

1527 \expandafter\gdef\csname\SE@PrefixTo clean7bit\endcsname#1#2#3#4{%
1528   \ifnum"#1#2#3<8 %
1529     \ifnum"#3#4<128 %
1530       \ifnum"#3#4>26 %
1531         \SE@ResultAdd{#3#4}%
1532       \else
1533         \ifnum"#3#4=10 %
1534           \SE@ResultAdd{0A}%
1535         \else
1536           \ifnum"#3#4=13 %
1537             \SE@ResultAdd{0D}%
1538           \else
1539             \ifnum"#3#4=9 %
1540               \SE@ResultAdd{09}%
1541             \else
1542               \SE@InvalidCharacter
1543             \fi
1544           \fi
1545         \fi
1546       \fi
1547     \else
1548       \SE@InvalidCharacter
1549     \fi
1550   \else
1551     \SE@InvalidCharacter
1552   \fi
1553 }

1554 \expandafter\gdef\csname\SE@PrefixSurrogateTo clean7bit\endcsname
1555   #1#2#3#4#5#6#7#8{%
1556   \SE@InvalidCharacter
1557 }

1558 \expandafter\gdef\csname\SE@PrefixFrom clean7bit\endcsname#1{%
1559   \let\SE@next\SE@cleansevenbit@from
1560   \expandafter\SE@cleansevenbit@from#1\relax\relax
1561 }
1562 \gdef\SE@cleansevenbit@from#1#2{%
1563   \ifx#1\relax
1564     \let\SE@next\relax
1565   \else
1566     \ifnum"#1#2>126 %

```

```

1567     \SE@InvalidCharacter
1568     \ifSE@TestMode
1569         \let\SE@next\SE@SkipRemaining
1570     \fi
1571 \else
1572     \ifnum"#1#2<27 %
1573         \ifnum"#1#2=10 %
1574             \SE@ResultAdd{0010}%
1575         \else
1576             \ifnum"#1#2=13 %
1577                 \SE@ResultAdd{000D}%
1578             \else
1579                 \ifnum"#1#2=9 %
1580                     \SE@ResultAdd{0009}%
1581                 \else
1582                     \SE@InvalidCharacter
1583                     \ifSE@TestMode
1584                         \let\SE@next\SE@SkipRemaining
1585                     \fi
1586                 \fi
1587             \fi
1588         \else
1589             \SE@ResultAdd{00#1#2}%
1590         \fi
1591     \fi
1592 \fi
1593 \SE@next
1594 }
1595 </clean7bit>

```

#### 2.5.10 Other encodings (8 bit)

```

1596 <*iso - 8859 - 2>
1597 \ProvidesFile{se-iso-8859-2.def}[2009/12/15 v1.7 stringenc: ISO-8859-2]
1598 \def\SE@this{iso-8859-2}
1599 </iso - 8859 - 2>
1600 <*iso - 8859 - 3>
1601 \ProvidesFile{se-iso-8859-3.def}[2009/12/15 v1.7 stringenc: ISO-8859-3]
1602 \def\SE@this{iso-8859-3}
1603 </iso - 8859 - 3>
1604 <*iso - 8859 - 4>
1605 \ProvidesFile{se-iso-8859-4.def}[2009/12/15 v1.7 stringenc: ISO-8859-4]
1606 \def\SE@this{iso-8859-4}
1607 </iso - 8859 - 4>
1608 <*iso - 8859 - 5>
1609 \ProvidesFile{se-iso-8859-5.def}[2009/12/15 v1.7 stringenc: ISO-8859-5]
1610 \def\SE@this{iso-8859-5}
1611 </iso - 8859 - 5>
1612 <*iso - 8859 - 6>
1613 \ProvidesFile{se-iso-8859-6.def}[2009/12/15 v1.7 stringenc: ISO-8859-6]
1614 \def\SE@this{iso-8859-6}
1615 </iso - 8859 - 6>
1616 <*iso - 8859 - 7>
1617 \ProvidesFile{se-iso-8859-7.def}[2009/12/15 v1.7 stringenc: ISO-8859-7]
1618 \def\SE@this{iso-8859-7}
1619 </iso - 8859 - 7>
1620 <*iso - 8859 - 8>
1621 \ProvidesFile{se-iso-8859-8.def}[2009/12/15 v1.7 stringenc: ISO-8859-8]
1622 \def\SE@this{iso-8859-8}
1623 </iso - 8859 - 8>
1624 <*iso - 8859 - 9>
1625 \ProvidesFile{se-iso-8859-9.def}[2009/12/15 v1.7 stringenc: ISO-8859-9]
1626 \def\SE@this{iso-8859-9}

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1627 </iso - 8859 - 9>
1628 <*iso - 8859 - 10>
1629 \ProvidesFile{se-iso-8859-10.def}[2009/12/15 v1.7 stringenc: ISO-8859-10]
1630 \def\SE@this{iso-8859-10}
1631 </iso - 8859 - 10>
1632 <*iso - 8859 - 11>
1633 \ProvidesFile{se-iso-8859-11.def}[2009/12/15 v1.7 stringenc: ISO-8859-11]
1634 \def\SE@this{iso-8859-11}
1635 </iso - 8859 - 11>
1636 <*iso - 8859 - 13>
1637 \ProvidesFile{se-iso-8859-13.def}[2009/12/15 v1.7 stringenc: ISO-8859-13]
1638 \def\SE@this{iso-8859-13}
1639 </iso - 8859 - 13>
1640 <*iso - 8859 - 14>
1641 \ProvidesFile{se-iso-8859-14.def}[2009/12/15 v1.7 stringenc: ISO-8859-14]
1642 \def\SE@this{iso-8859-14}
1643 </iso - 8859 - 14>
1644 <*iso - 8859 - 15>
1645 \ProvidesFile{se-iso-8859-15.def}[2009/12/15 v1.7 stringenc: ISO-8859-15]
1646 \def\SE@this{iso-8859-15}
1647 </iso - 8859 - 15>
1648 <*iso - 8859 - 16>
1649 \ProvidesFile{se-iso-8859-16.def}[2009/12/15 v1.7 stringenc: ISO-8859-16]
1650 \def\SE@this{iso-8859-16}
1651 </iso - 8859 - 16>
1652 <*koi8 - r>
1653 \ProvidesFile{se-koi8-r.def}[2009/12/15 v1.7 stringenc: KOI8-R]
1654 \def\SE@this{koi8-r}
1655 </koi8 - r>
1656 <*nextstep>
1657 \ProvidesFile{se-nextstep.def}[2009/12/15 v1.7 stringenc: NextStep]
1658 \def\SE@this{nextstep}
1659 </nextstep>
1660 <*mac - centeuro>
1661 \ProvidesFile{se-mac-centeuro.def}[2009/12/15 v1.7 stringenc: Mac OS Central European]
1662 \def\SE@this{mac-centeuro}
1663 </mac - centeuro>
1664 <*mac - cyrillic>
1665 \ProvidesFile{se-mac-cyrillic.def}[2009/12/15 v1.7 stringenc: Mac OS Cyrillic]
1666 \def\SE@this{mac-cyrillic}
1667 </mac - cyrillic>
1668 <*mac - roman>
1669 \ProvidesFile{se-mac-roman.def}[2009/12/15 v1.7 stringenc: Mac OS Roman]
1670 \def\SE@this{mac-roman}
1671 </mac - roman>
1672 <*dec - mcs>
1673 \ProvidesFile{se-dec-mcs.def}[2009/12/15 v1.7 stringenc: DEC-MCS]
1674 \def\SE@this{dec-mcs}
1675 </dec - mcs>
1676 <*cp437>
1677 \ProvidesFile{se-cp437.def}[2009/12/15 v1.7 stringenc: cp437]
1678 \def\SE@this{cp437}
1679 </cp437>
1680 <*cp850>
1681 \ProvidesFile{se-cp850.def}[2009/12/15 v1.7 stringenc: cp850]
1682 \def\SE@this{cp850}
1683 </cp850>
1684 <*cp852>
1685 \ProvidesFile{se-cp852.def}[2009/12/15 v1.7 stringenc: cp852]
1686 \def\SE@this{cp852}
1687 </cp852>
1688 <*cp855>

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1689 \ProvidesFile{se-cp855.def}[2009/12/15 v1.7 stringenc: cp855]
1690 \def\SE@this{cp855}
1691 </cp855>
1692 <*cp858>
1693 \ProvidesFile{se-cp858.def}[2009/12/15 v1.7 stringenc: cp858]
1694 \def\SE@this{cp858}
1695 </cp858>
1696 <*cp865>
1697 \ProvidesFile{se-cp865.def}[2009/12/15 v1.7 stringenc: cp865]
1698 \def\SE@this{cp865}
1699 </cp865>
1700 <*cp866>
1701 \ProvidesFile{se-cp866.def}[2009/12/15 v1.7 stringenc: cp866]
1702 \def\SE@this{cp866}
1703 </cp866>
1704 <*cp1250>
1705 \ProvidesFile{se-cp1250.def}[2009/12/15 v1.7 stringenc: cp1250]
1706 \def\SE@this{cp1250}
1707 </cp1250>
1708 <*cp1251>
1709 \ProvidesFile{se-cp1251.def}[2009/12/15 v1.7 stringenc: cp1251]
1710 \def\SE@this{cp1251}
1711 </cp1251>
1712 <*cp1257>
1713 \ProvidesFile{se-cp1257.def}[2009/12/15 v1.7 stringenc: cp1257]
1714 \def\SE@this{cp1257}
1715 </cp1257>
1716 <*package>
1717 \def\SE@to@general#1#2#3#4{%
1718   \ifnum"#1#2#3#4<128 %
1719     \SE@ResultAdd{#3#4}%
1720   \else
1721     \SE@MapConvertTo\SE@encoding{#1#2#3#4}%
1722   \fi
1723 }
1724 \def\SE@to@general@surrogate#1#2#3#4#5#6#7#8{%
1725   \SE@InvalidCharacter
1726 }
1727 \def\SE@from@general#1{%
1728   \let\SE@next\SE@@from@general
1729   \expandafter\SE@@from@general#1\relax\relax
1730 }
1731 \def\SE@@from@general#1#2{%
1732   \ifx#1\relax
1733     \let\SE@next\relax
1734   \else
1735     \ifnum"#1<8 % "#1#2<128
1736       \SE@ResultAdd{00#1#2}%
1737     \else
1738       \SE@MapConvertFrom\SE@encoding{#1#2}%
1739     \fi
1740   \fi
1741   \SE@next
1742 }
1743 \SE@AtEnd
1744 </package>
1745 <*general>

```

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

```

1746 \global\expandafter\let\csname\SE@PrefixTo\SE@this\endcsname
1747       \SE@to@general
1748 \global\expandafter\let\csname\SE@PrefixSurrogateTo\SE@this\endcsname

```

1749 \SE@to@general@surrogate  
 1750 \global\expandafter\let\csname\SE@PrefixFrom\SE@this\endcsname  
 1751 \SE@from@general  
 1752 </general>

## iso-8859-2

1753 <\*iso – 8859 – 2>  
 1754 \SE@MapDeclare{iso-8859-2}{A0}{00A0}% NO-BREAK SPACE  
 1755 \SE@MapDeclare{iso-8859-2}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 1756 \SE@MapDeclare{iso-8859-2}{A2}{02D8}% BREVE  
 1757 \SE@MapDeclare{iso-8859-2}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 1758 \SE@MapDeclare{iso-8859-2}{A4}{00A4}% CURRENCY SIGN  
 1759 \SE@MapDeclare{iso-8859-2}{A5}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 1760 \SE@MapDeclare{iso-8859-2}{A6}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 1761 \SE@MapDeclare{iso-8859-2}{A7}{00A7}% SECTION SIGN  
 1762 \SE@MapDeclare{iso-8859-2}{A8}{00A8}% DIAERESIS  
 1763 \SE@MapDeclare{iso-8859-2}{A9}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 1764 \SE@MapDeclare{iso-8859-2}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 1765 \SE@MapDeclare{iso-8859-2}{AB}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 1766 \SE@MapDeclare{iso-8859-2}{AC}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 1767 \SE@MapDeclare{iso-8859-2}{AD}{00AD}% SOFT HYPHEN  
 1768 \SE@MapDeclare{iso-8859-2}{AE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 1769 \SE@MapDeclare{iso-8859-2}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 1770 \SE@MapDeclare{iso-8859-2}{B0}{00B0}% DEGREE SIGN  
 1771 \SE@MapDeclare{iso-8859-2}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 1772 \SE@MapDeclare{iso-8859-2}{B2}{02DB}% OGONEK  
 1773 \SE@MapDeclare{iso-8859-2}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
 1774 \SE@MapDeclare{iso-8859-2}{B4}{00B4}% ACUTE ACCENT  
 1775 \SE@MapDeclare{iso-8859-2}{B5}{013E}% LATIN SMALL LETTER L WITH CARON  
 1776 \SE@MapDeclare{iso-8859-2}{B6}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 1777 \SE@MapDeclare{iso-8859-2}{B7}{02C7}% CARON  
 1778 \SE@MapDeclare{iso-8859-2}{B8}{00B8}% CEDILLA  
 1779 \SE@MapDeclare{iso-8859-2}{B9}{0161}% LATIN SMALL LETTER S WITH CARON  
 1780 \SE@MapDeclare{iso-8859-2}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 1781 \SE@MapDeclare{iso-8859-2}{BB}{0165}% LATIN SMALL LETTER T WITH CARON  
 1782 \SE@MapDeclare{iso-8859-2}{BC}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 1783 \SE@MapDeclare{iso-8859-2}{BD}{02DD}% DOUBLE ACUTE ACCENT  
 1784 \SE@MapDeclare{iso-8859-2}{BE}{017E}% LATIN SMALL LETTER Z WITH CARON  
 1785 \SE@MapDeclare{iso-8859-2}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 1786 \SE@MapDeclare{iso-8859-2}{C0}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 1787 \SE@MapDeclare{iso-8859-2}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 1788 \SE@MapDeclare{iso-8859-2}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 1789 \SE@MapDeclare{iso-8859-2}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 1790 \SE@MapDeclare{iso-8859-2}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 1791 \SE@MapDeclare{iso-8859-2}{C5}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 1792 \SE@MapDeclare{iso-8859-2}{C6}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 1793 \SE@MapDeclare{iso-8859-2}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 1794 \SE@MapDeclare{iso-8859-2}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 1795 \SE@MapDeclare{iso-8859-2}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 1796 \SE@MapDeclare{iso-8859-2}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 1797 \SE@MapDeclare{iso-8859-2}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 1798 \SE@MapDeclare{iso-8859-2}{CC}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 1799 \SE@MapDeclare{iso-8859-2}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 1800 \SE@MapDeclare{iso-8859-2}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 1801 \SE@MapDeclare{iso-8859-2}{CF}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 1802 \SE@MapDeclare{iso-8859-2}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 1803 \SE@MapDeclare{iso-8859-2}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 1804 \SE@MapDeclare{iso-8859-2}{D2}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 1805 \SE@MapDeclare{iso-8859-2}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 1806 \SE@MapDeclare{iso-8859-2}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 1807 \SE@MapDeclare{iso-8859-2}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 1808 \SE@MapDeclare{iso-8859-2}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 1809 \SE@MapDeclare{iso-8859-2}{D7}{00D7}% MULTIPLICATION SIGN  
 1810 \SE@MapDeclare{iso-8859-2}{D8}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 1811 \SE@MapDeclare{iso-8859-2}{D9}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 1812 \SE@MapDeclare{iso-8859-2}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 1813 \SE@MapDeclare{iso-8859-2}{DB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 1814 \SE@MapDeclare{iso-8859-2}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 1815 \SE@MapDeclare{iso-8859-2}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 1816 \SE@MapDeclare{iso-8859-2}{DE}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 1817 \SE@MapDeclare{iso-8859-2}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 1818 \SE@MapDeclare{iso-8859-2}{E0}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 1819 \SE@MapDeclare{iso-8859-2}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 1820 \SE@MapDeclare{iso-8859-2}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 1821 \SE@MapDeclare{iso-8859-2}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
 1822 \SE@MapDeclare{iso-8859-2}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 1823 \SE@MapDeclare{iso-8859-2}{E5}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 1824 \SE@MapDeclare{iso-8859-2}{E6}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 1825 \SE@MapDeclare{iso-8859-2}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 1826 \SE@MapDeclare{iso-8859-2}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 1827 \SE@MapDeclare{iso-8859-2}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 1828 \SE@MapDeclare{iso-8859-2}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 1829 \SE@MapDeclare{iso-8859-2}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 1830 \SE@MapDeclare{iso-8859-2}{EC}{011B}% LATIN SMALL LETTER E WITH CARON

1831 \SE@MapDeclare{iso-8859-2}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 1832 \SE@MapDeclare{iso-8859-2}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 1833 \SE@MapDeclare{iso-8859-2}{EF}{010F}% LATIN SMALL LETTER D WITH CARON  
 1834 \SE@MapDeclare{iso-8859-2}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 1835 \SE@MapDeclare{iso-8859-2}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 1836 \SE@MapDeclare{iso-8859-2}{F2}{0148}% LATIN SMALL LETTER N WITH CARON  
 1837 \SE@MapDeclare{iso-8859-2}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 1838 \SE@MapDeclare{iso-8859-2}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 1839 \SE@MapDeclare{iso-8859-2}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 1840 \SE@MapDeclare{iso-8859-2}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 1841 \SE@MapDeclare{iso-8859-2}{F7}{00F7}% DIVISION SIGN  
 1842 \SE@MapDeclare{iso-8859-2}{F8}{0159}% LATIN SMALL LETTER R WITH CARON  
 1843 \SE@MapDeclare{iso-8859-2}{F9}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 1844 \SE@MapDeclare{iso-8859-2}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 1845 \SE@MapDeclare{iso-8859-2}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 1846 \SE@MapDeclare{iso-8859-2}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 1847 \SE@MapDeclare{iso-8859-2}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 1848 \SE@MapDeclare{iso-8859-2}{FE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 1849 \SE@MapDeclare{iso-8859-2}{FF}{02D9}% DOT ABOVE  
 1850 (/iso - 8859 - 2)

### iso-8859-3

1851 (\*iso - 8859 - 3)  
 1852 \SE@MapDeclare{iso-8859-3}{A0}{00A0}% NO-BREAK SPACE  
 1853 \SE@MapDeclare{iso-8859-3}{A1}{0126}% LATIN CAPITAL LETTER H WITH STROKE  
 1854 \SE@MapDeclare{iso-8859-3}{A2}{02D8}% BREVE  
 1855 \SE@MapDeclare{iso-8859-3}{A3}{00A3}% POUND SIGN  
 1856 \SE@MapDeclare{iso-8859-3}{A4}{00A4}% CURRENCY SIGN  
 1857 \SE@MapDeclare{iso-8859-3}{A6}{0124}% LATIN CAPITAL LETTER H WITH CIRCUMFLEX  
 1858 \SE@MapDeclare{iso-8859-3}{A7}{00A7}% SECTION SIGN  
 1859 \SE@MapDeclare{iso-8859-3}{A8}{00A8}% DIAERESIS  
 1860 \SE@MapDeclare{iso-8859-3}{A9}{0130}% LATIN CAPITAL LETTER I WITH DOT ABOVE  
 1861 \SE@MapDeclare{iso-8859-3}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 1862 \SE@MapDeclare{iso-8859-3}{AB}{011E}% LATIN CAPITAL LETTER G WITH BREVE  
 1863 \SE@MapDeclare{iso-8859-3}{AC}{0134}% LATIN CAPITAL LETTER J WITH CIRCUMFLEX  
 1864 \SE@MapDeclare{iso-8859-3}{AD}{00AD}% SOFT HYPHEN  
 1865 \SE@MapDeclare{iso-8859-3}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 1866 \SE@MapDeclare{iso-8859-3}{B0}{00B0}% DEGREE SIGN  
 1867 \SE@MapDeclare{iso-8859-3}{B1}{0127}% LATIN SMALL LETTER H WITH STROKE  
 1868 \SE@MapDeclare{iso-8859-3}{B2}{00B2}% SUPERScript TWO  
 1869 \SE@MapDeclare{iso-8859-3}{B3}{00B3}% SUPERScript THREE  
 1870 \SE@MapDeclare{iso-8859-3}{B4}{00B4}% ACUTE ACCENT  
 1871 \SE@MapDeclare{iso-8859-3}{B5}{00B5}% MICRO SIGN  
 1872 \SE@MapDeclare{iso-8859-3}{B6}{0125}% LATIN SMALL LETTER H WITH CIRCUMFLEX  
 1873 \SE@MapDeclare{iso-8859-3}{B7}{00B7}% MIDDLE DOT  
 1874 \SE@MapDeclare{iso-8859-3}{B8}{00B8}% CEDILLA  
 1875 \SE@MapDeclare{iso-8859-3}{B9}{0131}% LATIN SMALL LETTER DOTLESS I  
 1876 \SE@MapDeclare{iso-8859-3}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 1877 \SE@MapDeclare{iso-8859-3}{BB}{011F}% LATIN SMALL LETTER G WITH BREVE  
 1878 \SE@MapDeclare{iso-8859-3}{BC}{0135}% LATIN SMALL LETTER J WITH CIRCUMFLEX  
 1879 \SE@MapDeclare{iso-8859-3}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 1880 \SE@MapDeclare{iso-8859-3}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 1881 \SE@MapDeclare{iso-8859-3}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 1882 \SE@MapDeclare{iso-8859-3}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 1883 \SE@MapDeclare{iso-8859-3}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 1884 \SE@MapDeclare{iso-8859-3}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 1885 \SE@MapDeclare{iso-8859-3}{C5}{010A}% LATIN CAPITAL LETTER C WITH DOT ABOVE  
 1886 \SE@MapDeclare{iso-8859-3}{C6}{0108}% LATIN CAPITAL LETTER C WITH CIRCUMFLEX  
 1887 \SE@MapDeclare{iso-8859-3}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 1888 \SE@MapDeclare{iso-8859-3}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 1889 \SE@MapDeclare{iso-8859-3}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 1890 \SE@MapDeclare{iso-8859-3}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 1891 \SE@MapDeclare{iso-8859-3}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 1892 \SE@MapDeclare{iso-8859-3}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 1893 \SE@MapDeclare{iso-8859-3}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 1894 \SE@MapDeclare{iso-8859-3}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 1895 \SE@MapDeclare{iso-8859-3}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 1896 \SE@MapDeclare{iso-8859-3}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 1897 \SE@MapDeclare{iso-8859-3}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 1898 \SE@MapDeclare{iso-8859-3}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 1899 \SE@MapDeclare{iso-8859-3}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 1900 \SE@MapDeclare{iso-8859-3}{D5}{0120}% LATIN CAPITAL LETTER G WITH DOT ABOVE  
 1901 \SE@MapDeclare{iso-8859-3}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 1902 \SE@MapDeclare{iso-8859-3}{D7}{00D7}% MULTIPLICATION SIGN  
 1903 \SE@MapDeclare{iso-8859-3}{D8}{011C}% LATIN CAPITAL LETTER G WITH CIRCUMFLEX  
 1904 \SE@MapDeclare{iso-8859-3}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 1905 \SE@MapDeclare{iso-8859-3}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 1906 \SE@MapDeclare{iso-8859-3}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 1907 \SE@MapDeclare{iso-8859-3}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 1908 \SE@MapDeclare{iso-8859-3}{DD}{016C}% LATIN CAPITAL LETTER U WITH BREVE  
 1909 \SE@MapDeclare{iso-8859-3}{DE}{015C}% LATIN CAPITAL LETTER S WITH CIRCUMFLEX  
 1910 \SE@MapDeclare{iso-8859-3}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 1911 \SE@MapDeclare{iso-8859-3}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 1912 \SE@MapDeclare{iso-8859-3}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE

1913 \SE@MapDeclare{iso-8859-3}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 1914 \SE@MapDeclare{iso-8859-3}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 1915 \SE@MapDeclare{iso-8859-3}{E5}{010B}% LATIN SMALL LETTER C WITH DOT ABOVE  
 1916 \SE@MapDeclare{iso-8859-3}{E6}{0109}% LATIN SMALL LETTER C WITH CIRCUMFLEX  
 1917 \SE@MapDeclare{iso-8859-3}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 1918 \SE@MapDeclare{iso-8859-3}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 1919 \SE@MapDeclare{iso-8859-3}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 1920 \SE@MapDeclare{iso-8859-3}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 1921 \SE@MapDeclare{iso-8859-3}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 1922 \SE@MapDeclare{iso-8859-3}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 1923 \SE@MapDeclare{iso-8859-3}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 1924 \SE@MapDeclare{iso-8859-3}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 1925 \SE@MapDeclare{iso-8859-3}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 1926 \SE@MapDeclare{iso-8859-3}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 1927 \SE@MapDeclare{iso-8859-3}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 1928 \SE@MapDeclare{iso-8859-3}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 1929 \SE@MapDeclare{iso-8859-3}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 1930 \SE@MapDeclare{iso-8859-3}{F5}{0121}% LATIN SMALL LETTER G WITH DOT ABOVE  
 1931 \SE@MapDeclare{iso-8859-3}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 1932 \SE@MapDeclare{iso-8859-3}{F7}{00F7}% DIVISION SIGN  
 1933 \SE@MapDeclare{iso-8859-3}{F8}{011D}% LATIN SMALL LETTER G WITH CIRCUMFLEX  
 1934 \SE@MapDeclare{iso-8859-3}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 1935 \SE@MapDeclare{iso-8859-3}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 1936 \SE@MapDeclare{iso-8859-3}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 1937 \SE@MapDeclare{iso-8859-3}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 1938 \SE@MapDeclare{iso-8859-3}{FD}{016D}% LATIN SMALL LETTER U WITH BREVE  
 1939 \SE@MapDeclare{iso-8859-3}{FE}{015D}% LATIN SMALL LETTER S WITH CIRCUMFLEX  
 1940 \SE@MapDeclare{iso-8859-3}{FF}{02D9}% DOT ABOVE  
 1941 (/iso – 8859 – 3)

## iso-8859-4

1942 (\*iso – 8859 – 4)  
 1943 \SE@MapDeclare{iso-8859-4}{A0}{00A0}% NO-BREAK SPACE  
 1944 \SE@MapDeclare{iso-8859-4}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 1945 \SE@MapDeclare{iso-8859-4}{A2}{0138}% LATIN SMALL LETTER KRA  
 1946 \SE@MapDeclare{iso-8859-4}{A3}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 1947 \SE@MapDeclare{iso-8859-4}{A4}{00A4}% CURRENCY SIGN  
 1948 \SE@MapDeclare{iso-8859-4}{A5}{0128}% LATIN CAPITAL LETTER I WITH TILDE  
 1949 \SE@MapDeclare{iso-8859-4}{A6}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 1950 \SE@MapDeclare{iso-8859-4}{A7}{00A7}% SECTION SIGN  
 1951 \SE@MapDeclare{iso-8859-4}{A8}{00A8}% DIAERESIS  
 1952 \SE@MapDeclare{iso-8859-4}{A9}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 1953 \SE@MapDeclare{iso-8859-4}{AA}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 1954 \SE@MapDeclare{iso-8859-4}{AB}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 1955 \SE@MapDeclare{iso-8859-4}{AC}{0166}% LATIN CAPITAL LETTER T WITH STROKE  
 1956 \SE@MapDeclare{iso-8859-4}{AD}{00AD}% SOFT HYPHEN  
 1957 \SE@MapDeclare{iso-8859-4}{AE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 1958 \SE@MapDeclare{iso-8859-4}{AF}{00AF}% MACRON  
 1959 \SE@MapDeclare{iso-8859-4}{B0}{00B0}% DEGREE SIGN  
 1960 \SE@MapDeclare{iso-8859-4}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 1961 \SE@MapDeclare{iso-8859-4}{B2}{02DB}% OGONEK  
 1962 \SE@MapDeclare{iso-8859-4}{B3}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 1963 \SE@MapDeclare{iso-8859-4}{B4}{00B4}% ACUTE ACCENT  
 1964 \SE@MapDeclare{iso-8859-4}{B5}{0129}% LATIN SMALL LETTER I WITH TILDE  
 1965 \SE@MapDeclare{iso-8859-4}{B6}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 1966 \SE@MapDeclare{iso-8859-4}{B7}{02C7}% CARON  
 1967 \SE@MapDeclare{iso-8859-4}{B8}{00B8}% CEDILLA  
 1968 \SE@MapDeclare{iso-8859-4}{B9}{0161}% LATIN SMALL LETTER S WITH CARON  
 1969 \SE@MapDeclare{iso-8859-4}{BA}{0113}% LATIN SMALL LETTER E WITH MACRON  
 1970 \SE@MapDeclare{iso-8859-4}{BB}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 1971 \SE@MapDeclare{iso-8859-4}{BC}{0167}% LATIN SMALL LETTER T WITH STROKE  
 1972 \SE@MapDeclare{iso-8859-4}{BD}{014A}% LATIN CAPITAL LETTER ENG  
 1973 \SE@MapDeclare{iso-8859-4}{BE}{017E}% LATIN SMALL LETTER Z WITH CARON  
 1974 \SE@MapDeclare{iso-8859-4}{BF}{014B}% LATIN SMALL LETTER ENG  
 1975 \SE@MapDeclare{iso-8859-4}{C0}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 1976 \SE@MapDeclare{iso-8859-4}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 1977 \SE@MapDeclare{iso-8859-4}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 1978 \SE@MapDeclare{iso-8859-4}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 1979 \SE@MapDeclare{iso-8859-4}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 1980 \SE@MapDeclare{iso-8859-4}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 1981 \SE@MapDeclare{iso-8859-4}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 1982 \SE@MapDeclare{iso-8859-4}{C7}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 1983 \SE@MapDeclare{iso-8859-4}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 1984 \SE@MapDeclare{iso-8859-4}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 1985 \SE@MapDeclare{iso-8859-4}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 1986 \SE@MapDeclare{iso-8859-4}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 1987 \SE@MapDeclare{iso-8859-4}{CC}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 1988 \SE@MapDeclare{iso-8859-4}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 1989 \SE@MapDeclare{iso-8859-4}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 1990 \SE@MapDeclare{iso-8859-4}{CF}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 1991 \SE@MapDeclare{iso-8859-4}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 1992 \SE@MapDeclare{iso-8859-4}{D1}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 1993 \SE@MapDeclare{iso-8859-4}{D2}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 1994 \SE@MapDeclare{iso-8859-4}{D3}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA

1995 \SE@MapDeclare{iso-8859-4}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 1996 \SE@MapDeclare{iso-8859-4}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 1997 \SE@MapDeclare{iso-8859-4}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 1998 \SE@MapDeclare{iso-8859-4}{D7}{00D7}% MULTIPLICATION SIGN  
 1999 \SE@MapDeclare{iso-8859-4}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2000 \SE@MapDeclare{iso-8859-4}{D9}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 2001 \SE@MapDeclare{iso-8859-4}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2002 \SE@MapDeclare{iso-8859-4}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2003 \SE@MapDeclare{iso-8859-4}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2004 \SE@MapDeclare{iso-8859-4}{DD}{0168}% LATIN CAPITAL LETTER U WITH TILDE  
 2005 \SE@MapDeclare{iso-8859-4}{DE}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 2006 \SE@MapDeclare{iso-8859-4}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2007 \SE@MapDeclare{iso-8859-4}{E0}{0101}% LATIN SMALL LETTER A WITH MACRON  
 2008 \SE@MapDeclare{iso-8859-4}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2009 \SE@MapDeclare{iso-8859-4}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2010 \SE@MapDeclare{iso-8859-4}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2011 \SE@MapDeclare{iso-8859-4}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2012 \SE@MapDeclare{iso-8859-4}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2013 \SE@MapDeclare{iso-8859-4}{E6}{00E6}% LATIN SMALL LETTER AE  
 2014 \SE@MapDeclare{iso-8859-4}{E7}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 2015 \SE@MapDeclare{iso-8859-4}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 2016 \SE@MapDeclare{iso-8859-4}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2017 \SE@MapDeclare{iso-8859-4}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 2018 \SE@MapDeclare{iso-8859-4}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2019 \SE@MapDeclare{iso-8859-4}{EC}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 2020 \SE@MapDeclare{iso-8859-4}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2021 \SE@MapDeclare{iso-8859-4}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2022 \SE@MapDeclare{iso-8859-4}{EF}{012B}% LATIN SMALL LETTER I WITH MACRON  
 2023 \SE@MapDeclare{iso-8859-4}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 2024 \SE@MapDeclare{iso-8859-4}{F1}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 2025 \SE@MapDeclare{iso-8859-4}{F2}{014D}% LATIN SMALL LETTER O WITH MACRON  
 2026 \SE@MapDeclare{iso-8859-4}{F3}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2027 \SE@MapDeclare{iso-8859-4}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2028 \SE@MapDeclare{iso-8859-4}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2029 \SE@MapDeclare{iso-8859-4}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2030 \SE@MapDeclare{iso-8859-4}{F7}{00F7}% DIVISION SIGN  
 2031 \SE@MapDeclare{iso-8859-4}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2032 \SE@MapDeclare{iso-8859-4}{F9}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2033 \SE@MapDeclare{iso-8859-4}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2034 \SE@MapDeclare{iso-8859-4}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2035 \SE@MapDeclare{iso-8859-4}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2036 \SE@MapDeclare{iso-8859-4}{FD}{0169}% LATIN SMALL LETTER U WITH TILDE  
 2037 \SE@MapDeclare{iso-8859-4}{FE}{016B}% LATIN SMALL LETTER U WITH MACRON  
 2038 \SE@MapDeclare{iso-8859-4}{FF}{02D9}% DOT ABOVE  
 2039 \/\iso - 8859 - 4)

## iso-8859-5

2040 \(\*iso - 8859 - 5)  
 2041 \SE@MapDeclare{iso-8859-5}{A0}{00A0}% NO-BREAK SPACE  
 2042 \SE@MapDeclare{iso-8859-5}{A1}{0401}% CYRILLIC CAPITAL LETTER IO  
 2043 \SE@MapDeclare{iso-8859-5}{A2}{0402}% CYRILLIC CAPITAL LETTER DJE  
 2044 \SE@MapDeclare{iso-8859-5}{A3}{0403}% CYRILLIC CAPITAL LETTER GJE  
 2045 \SE@MapDeclare{iso-8859-5}{A4}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 2046 \SE@MapDeclare{iso-8859-5}{A5}{0405}% CYRILLIC CAPITAL LETTER DZE  
 2047 \SE@MapDeclare{iso-8859-5}{A6}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 2048 \SE@MapDeclare{iso-8859-5}{A7}{0407}% CYRILLIC CAPITAL LETTER YI  
 2049 \SE@MapDeclare{iso-8859-5}{A8}{0408}% CYRILLIC CAPITAL LETTER JE  
 2050 \SE@MapDeclare{iso-8859-5}{A9}{0409}% CYRILLIC CAPITAL LETTER LJE  
 2051 \SE@MapDeclare{iso-8859-5}{AA}{040A}% CYRILLIC CAPITAL LETTER NJE  
 2052 \SE@MapDeclare{iso-8859-5}{AB}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 2053 \SE@MapDeclare{iso-8859-5}{AC}{040C}% CYRILLIC CAPITAL LETTER KJE  
 2054 \SE@MapDeclare{iso-8859-5}{AD}{00AD}% SOFT HYPHEN  
 2055 \SE@MapDeclare{iso-8859-5}{AE}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 2056 \SE@MapDeclare{iso-8859-5}{AF}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 2057 \SE@MapDeclare{iso-8859-5}{B0}{0410}% CYRILLIC CAPITAL LETTER A  
 2058 \SE@MapDeclare{iso-8859-5}{B1}{0411}% CYRILLIC CAPITAL LETTER BE  
 2059 \SE@MapDeclare{iso-8859-5}{B2}{0412}% CYRILLIC CAPITAL LETTER VE  
 2060 \SE@MapDeclare{iso-8859-5}{B3}{0413}% CYRILLIC CAPITAL LETTER GHE  
 2061 \SE@MapDeclare{iso-8859-5}{B4}{0414}% CYRILLIC CAPITAL LETTER DE  
 2062 \SE@MapDeclare{iso-8859-5}{B5}{0415}% CYRILLIC CAPITAL LETTER IE  
 2063 \SE@MapDeclare{iso-8859-5}{B6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 2064 \SE@MapDeclare{iso-8859-5}{B7}{0417}% CYRILLIC CAPITAL LETTER ZE  
 2065 \SE@MapDeclare{iso-8859-5}{B8}{0418}% CYRILLIC CAPITAL LETTER I  
 2066 \SE@MapDeclare{iso-8859-5}{B9}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 2067 \SE@MapDeclare{iso-8859-5}{BA}{041A}% CYRILLIC CAPITAL LETTER KA  
 2068 \SE@MapDeclare{iso-8859-5}{BB}{041B}% CYRILLIC CAPITAL LETTER EL  
 2069 \SE@MapDeclare{iso-8859-5}{BC}{041C}% CYRILLIC CAPITAL LETTER EM  
 2070 \SE@MapDeclare{iso-8859-5}{BD}{041D}% CYRILLIC CAPITAL LETTER EN  
 2071 \SE@MapDeclare{iso-8859-5}{BE}{041E}% CYRILLIC CAPITAL LETTER O  
 2072 \SE@MapDeclare{iso-8859-5}{BF}{041F}% CYRILLIC CAPITAL LETTER PE  
 2073 \SE@MapDeclare{iso-8859-5}{C0}{0420}% CYRILLIC CAPITAL LETTER ER  
 2074 \SE@MapDeclare{iso-8859-5}{C1}{0421}% CYRILLIC CAPITAL LETTER ES  
 2075 \SE@MapDeclare{iso-8859-5}{C2}{0422}% CYRILLIC CAPITAL LETTER TE  
 2076 \SE@MapDeclare{iso-8859-5}{C3}{0423}% CYRILLIC CAPITAL LETTER U

2077 \SE@MapDeclare{iso-8859-5}{C4}{0424}% CYRILLIC CAPITAL LETTER EF  
2078 \SE@MapDeclare{iso-8859-5}{C5}{0425}% CYRILLIC CAPITAL LETTER HA  
2079 \SE@MapDeclare{iso-8859-5}{C6}{0426}% CYRILLIC CAPITAL LETTER TSE  
2080 \SE@MapDeclare{iso-8859-5}{C7}{0427}% CYRILLIC CAPITAL LETTER CHE  
2081 \SE@MapDeclare{iso-8859-5}{C8}{0428}% CYRILLIC CAPITAL LETTER SHA  
2082 \SE@MapDeclare{iso-8859-5}{C9}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
2083 \SE@MapDeclare{iso-8859-5}{CA}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
2084 \SE@MapDeclare{iso-8859-5}{CB}{042B}% CYRILLIC CAPITAL LETTER YERU  
2085 \SE@MapDeclare{iso-8859-5}{CC}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
2086 \SE@MapDeclare{iso-8859-5}{CD}{042D}% CYRILLIC CAPITAL LETTER E  
2087 \SE@MapDeclare{iso-8859-5}{CE}{042E}% CYRILLIC CAPITAL LETTER YU  
2088 \SE@MapDeclare{iso-8859-5}{CF}{042F}% CYRILLIC CAPITAL LETTER YA  
2089 \SE@MapDeclare{iso-8859-5}{D0}{0430}% CYRILLIC SMALL LETTER A  
2090 \SE@MapDeclare{iso-8859-5}{D1}{0431}% CYRILLIC SMALL LETTER BE  
2091 \SE@MapDeclare{iso-8859-5}{D2}{0432}% CYRILLIC SMALL LETTER VE  
2092 \SE@MapDeclare{iso-8859-5}{D3}{0433}% CYRILLIC SMALL LETTER GHE  
2093 \SE@MapDeclare{iso-8859-5}{D4}{0434}% CYRILLIC SMALL LETTER DE  
2094 \SE@MapDeclare{iso-8859-5}{D5}{0435}% CYRILLIC SMALL LETTER IE  
2095 \SE@MapDeclare{iso-8859-5}{D6}{0436}% CYRILLIC SMALL LETTER ZHE  
2096 \SE@MapDeclare{iso-8859-5}{D7}{0437}% CYRILLIC SMALL LETTER ZE  
2097 \SE@MapDeclare{iso-8859-5}{D8}{0438}% CYRILLIC SMALL LETTER I  
2098 \SE@MapDeclare{iso-8859-5}{D9}{0439}% CYRILLIC SMALL LETTER SHORT I  
2099 \SE@MapDeclare{iso-8859-5}{DA}{043A}% CYRILLIC SMALL LETTER KA  
2100 \SE@MapDeclare{iso-8859-5}{DB}{043B}% CYRILLIC SMALL LETTER EL  
2101 \SE@MapDeclare{iso-8859-5}{DC}{043C}% CYRILLIC SMALL LETTER EM  
2102 \SE@MapDeclare{iso-8859-5}{DD}{043D}% CYRILLIC SMALL LETTER EN  
2103 \SE@MapDeclare{iso-8859-5}{DE}{043E}% CYRILLIC SMALL LETTER O  
2104 \SE@MapDeclare{iso-8859-5}{DF}{043F}% CYRILLIC SMALL LETTER PE  
2105 \SE@MapDeclare{iso-8859-5}{E0}{0440}% CYRILLIC SMALL LETTER ER  
2106 \SE@MapDeclare{iso-8859-5}{E1}{0441}% CYRILLIC SMALL LETTER ES  
2107 \SE@MapDeclare{iso-8859-5}{E2}{0442}% CYRILLIC SMALL LETTER TE  
2108 \SE@MapDeclare{iso-8859-5}{E3}{0443}% CYRILLIC SMALL LETTER U  
2109 \SE@MapDeclare{iso-8859-5}{E4}{0444}% CYRILLIC SMALL LETTER EF  
2110 \SE@MapDeclare{iso-8859-5}{E5}{0445}% CYRILLIC SMALL LETTER HA  
2111 \SE@MapDeclare{iso-8859-5}{E6}{0446}% CYRILLIC SMALL LETTER TSE  
2112 \SE@MapDeclare{iso-8859-5}{E7}{0447}% CYRILLIC SMALL LETTER CHE  
2113 \SE@MapDeclare{iso-8859-5}{E8}{0448}% CYRILLIC SMALL LETTER SHA  
2114 \SE@MapDeclare{iso-8859-5}{E9}{0449}% CYRILLIC SMALL LETTER SHCHA  
2115 \SE@MapDeclare{iso-8859-5}{EA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
2116 \SE@MapDeclare{iso-8859-5}{EB}{044B}% CYRILLIC SMALL LETTER YERU  
2117 \SE@MapDeclare{iso-8859-5}{EC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
2118 \SE@MapDeclare{iso-8859-5}{ED}{044D}% CYRILLIC SMALL LETTER E  
2119 \SE@MapDeclare{iso-8859-5}{EE}{044E}% CYRILLIC SMALL LETTER YU  
2120 \SE@MapDeclare{iso-8859-5}{EF}{044F}% CYRILLIC SMALL LETTER YA  
2121 \SE@MapDeclare{iso-8859-5}{F0}{2116}% NUMERO SIGN  
2122 \SE@MapDeclare{iso-8859-5}{F1}{0451}% CYRILLIC SMALL LETTER IO  
2123 \SE@MapDeclare{iso-8859-5}{F2}{0452}% CYRILLIC SMALL LETTER DJE  
2124 \SE@MapDeclare{iso-8859-5}{F3}{0453}% CYRILLIC SMALL LETTER GJE  
2125 \SE@MapDeclare{iso-8859-5}{F4}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
2126 \SE@MapDeclare{iso-8859-5}{F5}{0455}% CYRILLIC SMALL LETTER DZE  
2127 \SE@MapDeclare{iso-8859-5}{F6}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
2128 \SE@MapDeclare{iso-8859-5}{F7}{0457}% CYRILLIC SMALL LETTER YI  
2129 \SE@MapDeclare{iso-8859-5}{F8}{0458}% CYRILLIC SMALL LETTER JE  
2130 \SE@MapDeclare{iso-8859-5}{F9}{0459}% CYRILLIC SMALL LETTER LJE  
2131 \SE@MapDeclare{iso-8859-5}{FA}{045A}% CYRILLIC SMALL LETTER NJE  
2132 \SE@MapDeclare{iso-8859-5}{FB}{045B}% CYRILLIC SMALL LETTER TSHE  
2133 \SE@MapDeclare{iso-8859-5}{FC}{045C}% CYRILLIC SMALL LETTER KJE  
2134 \SE@MapDeclare{iso-8859-5}{FD}{00A7}% SECTION SIGN  
2135 \SE@MapDeclare{iso-8859-5}{FE}{045E}% CYRILLIC SMALL LETTER SHORT U  
2136 \SE@MapDeclare{iso-8859-5}{FF}{045F}% CYRILLIC SMALL LETTER DZHE  
2137 </iso - 8859 - 5>

## iso-8859-6

2138 <\*iso - 8859 - 6>  
2139 \SE@MapDeclare{iso-8859-6}{A0}{00A0}% NO-BREAK SPACE  
2140 \SE@MapDeclare{iso-8859-6}{A4}{00A4}% CURRENCY SIGN  
2141 \SE@MapDeclare{iso-8859-6}{AC}{060C}% ARABIC COMMA  
2142 \SE@MapDeclare{iso-8859-6}{AD}{00AD}% SOFT HYPHEN  
2143 \SE@MapDeclare{iso-8859-6}{BB}{061B}% ARABIC SEMICOLON  
2144 \SE@MapDeclare{iso-8859-6}{BF}{061F}% ARABIC QUESTION MARK  
2145 \SE@MapDeclare{iso-8859-6}{C1}{0621}% ARABIC LETTER HAMZA  
2146 \SE@MapDeclare{iso-8859-6}{C2}{0622}% ARABIC LETTER ALEF WITH MADDA ABOVE  
2147 \SE@MapDeclare{iso-8859-6}{C3}{0623}% ARABIC LETTER ALEF WITH HAMZA ABOVE  
2148 \SE@MapDeclare{iso-8859-6}{C4}{0624}% ARABIC LETTER WAW WITH HAMZA ABOVE  
2149 \SE@MapDeclare{iso-8859-6}{C5}{0625}% ARABIC LETTER ALEF WITH HAMZA BELOW  
2150 \SE@MapDeclare{iso-8859-6}{C6}{0626}% ARABIC LETTER YEH WITH HAMZA ABOVE  
2151 \SE@MapDeclare{iso-8859-6}{C7}{0627}% ARABIC LETTER ALEF  
2152 \SE@MapDeclare{iso-8859-6}{C8}{0628}% ARABIC LETTER BEH  
2153 \SE@MapDeclare{iso-8859-6}{C9}{0629}% ARABIC LETTER TEH MARBUTA  
2154 \SE@MapDeclare{iso-8859-6}{CA}{062A}% ARABIC LETTER TEH  
2155 \SE@MapDeclare{iso-8859-6}{CB}{062B}% ARABIC LETTER THEH  
2156 \SE@MapDeclare{iso-8859-6}{CC}{062C}% ARABIC LETTER JEEM  
2157 \SE@MapDeclare{iso-8859-6}{CD}{062D}% ARABIC LETTER HAH  
2158 \SE@MapDeclare{iso-8859-6}{CE}{062E}% ARABIC LETTER KHAH

2159 \SE@MapDeclare{iso-8859-6}{CF}{062F}% ARABIC LETTER DAL  
 2160 \SE@MapDeclare{iso-8859-6}{D0}{0630}% ARABIC LETTER THAL  
 2161 \SE@MapDeclare{iso-8859-6}{D1}{0631}% ARABIC LETTER REH  
 2162 \SE@MapDeclare{iso-8859-6}{D2}{0632}% ARABIC LETTER ZAIN  
 2163 \SE@MapDeclare{iso-8859-6}{D3}{0633}% ARABIC LETTER SEEN  
 2164 \SE@MapDeclare{iso-8859-6}{D4}{0634}% ARABIC LETTER SHEEN  
 2165 \SE@MapDeclare{iso-8859-6}{D5}{0635}% ARABIC LETTER SAD  
 2166 \SE@MapDeclare{iso-8859-6}{D6}{0636}% ARABIC LETTER DAD  
 2167 \SE@MapDeclare{iso-8859-6}{D7}{0637}% ARABIC LETTER TAH  
 2168 \SE@MapDeclare{iso-8859-6}{D8}{0638}% ARABIC LETTER ZAH  
 2169 \SE@MapDeclare{iso-8859-6}{D9}{0639}% ARABIC LETTER AIN  
 2170 \SE@MapDeclare{iso-8859-6}{DA}{063A}% ARABIC LETTER GHAIN  
 2171 \SE@MapDeclare{iso-8859-6}{E0}{0640}% ARABIC TATWEEL  
 2172 \SE@MapDeclare{iso-8859-6}{E1}{0641}% ARABIC LETTER FEH  
 2173 \SE@MapDeclare{iso-8859-6}{E2}{0642}% ARABIC LETTER QAF  
 2174 \SE@MapDeclare{iso-8859-6}{E3}{0643}% ARABIC LETTER KAF  
 2175 \SE@MapDeclare{iso-8859-6}{E4}{0644}% ARABIC LETTER LAM  
 2176 \SE@MapDeclare{iso-8859-6}{E5}{0645}% ARABIC LETTER MEEM  
 2177 \SE@MapDeclare{iso-8859-6}{E6}{0646}% ARABIC LETTER NOON  
 2178 \SE@MapDeclare{iso-8859-6}{E7}{0647}% ARABIC LETTER HEH  
 2179 \SE@MapDeclare{iso-8859-6}{E8}{0648}% ARABIC LETTER WAW  
 2180 \SE@MapDeclare{iso-8859-6}{E9}{0649}% ARABIC LETTER ALEF MAKSURA  
 2181 \SE@MapDeclare{iso-8859-6}{EA}{064A}% ARABIC LETTER YEH  
 2182 \SE@MapDeclare{iso-8859-6}{EB}{064B}% ARABIC FATHATAN  
 2183 \SE@MapDeclare{iso-8859-6}{EC}{064C}% ARABIC DAMMATAN  
 2184 \SE@MapDeclare{iso-8859-6}{ED}{064D}% ARABIC KASRATAN  
 2185 \SE@MapDeclare{iso-8859-6}{EE}{064E}% ARABIC FATHA  
 2186 \SE@MapDeclare{iso-8859-6}{EF}{064F}% ARABIC DAMMA  
 2187 \SE@MapDeclare{iso-8859-6}{F0}{0650}% ARABIC KASRA  
 2188 \SE@MapDeclare{iso-8859-6}{F1}{0651}% ARABIC SHADDA  
 2189 \SE@MapDeclare{iso-8859-6}{F2}{0652}% ARABIC SUKUN  
 2190 (/iso - 8859 - 6)

## iso-8859-7

2191 (\*iso - 8859 - 7)  
 2192 \SE@MapDeclare{iso-8859-7}{A0}{00A0}% NO-BREAK SPACE  
 2193 \SE@MapDeclare{iso-8859-7}{A1}{2018}% LEFT SINGLE QUOTATION MARK  
 2194 \SE@MapDeclare{iso-8859-7}{A2}{2019}% RIGHT SINGLE QUOTATION MARK  
 2195 \SE@MapDeclare{iso-8859-7}{A3}{00A3}% POUND SIGN  
 2196 \SE@MapDeclare{iso-8859-7}{A4}{20AC}% EURO SIGN  
 2197 \SE@MapDeclare{iso-8859-7}{A5}{20AF}% DRACHMA SIGN  
 2198 \SE@MapDeclare{iso-8859-7}{A6}{00A6}% BROKEN BAR  
 2199 \SE@MapDeclare{iso-8859-7}{A7}{00A7}% SECTION SIGN  
 2200 \SE@MapDeclare{iso-8859-7}{A8}{00A8}% DIAERESIS  
 2201 \SE@MapDeclare{iso-8859-7}{A9}{00A9}% COPYRIGHT SIGN  
 2202 \SE@MapDeclare{iso-8859-7}{AA}{037A}% GREEK YPOGEGRAMMENI  
 2203 \SE@MapDeclare{iso-8859-7}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2204 \SE@MapDeclare{iso-8859-7}{AC}{00AC}% NOT SIGN  
 2205 \SE@MapDeclare{iso-8859-7}{AD}{00AD}% SOFT HYPHEN  
 2206 \SE@MapDeclare{iso-8859-7}{AF}{2015}% HORIZONTAL BAR  
 2207 \SE@MapDeclare{iso-8859-7}{B0}{00B0}% DEGREE SIGN  
 2208 \SE@MapDeclare{iso-8859-7}{B1}{00B1}% PLUS-MINUS SIGN  
 2209 \SE@MapDeclare{iso-8859-7}{B2}{00B2}% SUPERSCRPT TWO  
 2210 \SE@MapDeclare{iso-8859-7}{B3}{00B3}% SUPERSCRPT THREE  
 2211 \SE@MapDeclare{iso-8859-7}{B4}{0384}% GREEK TONOS  
 2212 \SE@MapDeclare{iso-8859-7}{B5}{0385}% GREEK DIALYTIKA TONOS  
 2213 \SE@MapDeclare{iso-8859-7}{B6}{0386}% GREEK CAPITAL LETTER ALPHA WITH TONOS  
 2214 \SE@MapDeclare{iso-8859-7}{B7}{00B7}% MIDDLE DOT  
 2215 \SE@MapDeclare{iso-8859-7}{B8}{0388}% GREEK CAPITAL LETTER EPSILON WITH TONOS  
 2216 \SE@MapDeclare{iso-8859-7}{B9}{0389}% GREEK CAPITAL LETTER ETA WITH TONOS  
 2217 \SE@MapDeclare{iso-8859-7}{BA}{038A}% GREEK CAPITAL LETTER IOTA WITH TONOS  
 2218 \SE@MapDeclare{iso-8859-7}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2219 \SE@MapDeclare{iso-8859-7}{BC}{038C}% GREEK CAPITAL LETTER OMICRON WITH TONOS  
 2220 \SE@MapDeclare{iso-8859-7}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2221 \SE@MapDeclare{iso-8859-7}{BE}{038E}% GREEK CAPITAL LETTER UPSILON WITH TONOS  
 2222 \SE@MapDeclare{iso-8859-7}{BF}{038F}% GREEK CAPITAL LETTER OMEGA WITH TONOS  
 2223 \SE@MapDeclare{iso-8859-7}{C0}{0390}% GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS  
 2224 \SE@MapDeclare{iso-8859-7}{C1}{0391}% GREEK CAPITAL LETTER ALPHA  
 2225 \SE@MapDeclare{iso-8859-7}{C2}{0392}% GREEK CAPITAL LETTER BETA  
 2226 \SE@MapDeclare{iso-8859-7}{C3}{0393}% GREEK CAPITAL LETTER GAMMA  
 2227 \SE@MapDeclare{iso-8859-7}{C4}{0394}% GREEK CAPITAL LETTER DELTA  
 2228 \SE@MapDeclare{iso-8859-7}{C5}{0395}% GREEK CAPITAL LETTER EPSILON  
 2229 \SE@MapDeclare{iso-8859-7}{C6}{0396}% GREEK CAPITAL LETTER ZETA  
 2230 \SE@MapDeclare{iso-8859-7}{C7}{0397}% GREEK CAPITAL LETTER ETA  
 2231 \SE@MapDeclare{iso-8859-7}{C8}{0398}% GREEK CAPITAL LETTER THETA  
 2232 \SE@MapDeclare{iso-8859-7}{C9}{0399}% GREEK CAPITAL LETTER IOTA  
 2233 \SE@MapDeclare{iso-8859-7}{CA}{039A}% GREEK CAPITAL LETTER KAPPA  
 2234 \SE@MapDeclare{iso-8859-7}{CB}{039B}% GREEK CAPITAL LETTER LAMDA  
 2235 \SE@MapDeclare{iso-8859-7}{CC}{039C}% GREEK CAPITAL LETTER MU  
 2236 \SE@MapDeclare{iso-8859-7}{CD}{039D}% GREEK CAPITAL LETTER NU  
 2237 \SE@MapDeclare{iso-8859-7}{CE}{039E}% GREEK CAPITAL LETTER XI  
 2238 \SE@MapDeclare{iso-8859-7}{CF}{039F}% GREEK CAPITAL LETTER OMICRON  
 2239 \SE@MapDeclare{iso-8859-7}{D0}{03A0}% GREEK CAPITAL LETTER PI  
 2240 \SE@MapDeclare{iso-8859-7}{D1}{03A1}% GREEK CAPITAL LETTER RHO



2241 \SE@MapDeclare{iso-8859-7}{D3}{03A3}% GREEK CAPITAL LETTER SIGMA  
 2242 \SE@MapDeclare{iso-8859-7}{D4}{03A4}% GREEK CAPITAL LETTER TAU  
 2243 \SE@MapDeclare{iso-8859-7}{D5}{03A5}% GREEK CAPITAL LETTER UPSILON  
 2244 \SE@MapDeclare{iso-8859-7}{D6}{03A6}% GREEK CAPITAL LETTER PHI  
 2245 \SE@MapDeclare{iso-8859-7}{D7}{03A7}% GREEK CAPITAL LETTER CHI  
 2246 \SE@MapDeclare{iso-8859-7}{D8}{03A8}% GREEK CAPITAL LETTER PSI  
 2247 \SE@MapDeclare{iso-8859-7}{D9}{03A9}% GREEK CAPITAL LETTER OMEGA  
 2248 \SE@MapDeclare{iso-8859-7}{DA}{03AA}% GREEK CAPITAL LETTER IOTA WITH DIALYTIKA  
 2249 \SE@MapDeclare{iso-8859-7}{DB}{03AB}% GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA  
 2250 \SE@MapDeclare{iso-8859-7}{DC}{03AC}% GREEK SMALL LETTER ALPHA WITH TONOS  
 2251 \SE@MapDeclare{iso-8859-7}{DD}{03AD}% GREEK SMALL LETTER EPSILON WITH TONOS  
 2252 \SE@MapDeclare{iso-8859-7}{DE}{03AE}% GREEK SMALL LETTER ETA WITH TONOS  
 2253 \SE@MapDeclare{iso-8859-7}{DF}{03AF}% GREEK SMALL LETTER IOTA WITH TONOS  
 2254 \SE@MapDeclare{iso-8859-7}{E0}{03B0}% GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS  
 2255 \SE@MapDeclare{iso-8859-7}{E1}{03B1}% GREEK SMALL LETTER ALPHA  
 2256 \SE@MapDeclare{iso-8859-7}{E2}{03B2}% GREEK SMALL LETTER BETA  
 2257 \SE@MapDeclare{iso-8859-7}{E3}{03B3}% GREEK SMALL LETTER GAMMA  
 2258 \SE@MapDeclare{iso-8859-7}{E4}{03B4}% GREEK SMALL LETTER DELTA  
 2259 \SE@MapDeclare{iso-8859-7}{E5}{03B5}% GREEK SMALL LETTER EPSILON  
 2260 \SE@MapDeclare{iso-8859-7}{E6}{03B6}% GREEK SMALL LETTER ZETA  
 2261 \SE@MapDeclare{iso-8859-7}{E7}{03B7}% GREEK SMALL LETTER ETA  
 2262 \SE@MapDeclare{iso-8859-7}{E8}{03B8}% GREEK SMALL LETTER THETA  
 2263 \SE@MapDeclare{iso-8859-7}{E9}{03B9}% GREEK SMALL LETTER IOTA  
 2264 \SE@MapDeclare{iso-8859-7}{EA}{03BA}% GREEK SMALL LETTER KAPPA  
 2265 \SE@MapDeclare{iso-8859-7}{EB}{03BB}% GREEK SMALL LETTER LAMDA  
 2266 \SE@MapDeclare{iso-8859-7}{EC}{03BC}% GREEK SMALL LETTER MU  
 2267 \SE@MapDeclare{iso-8859-7}{ED}{03BD}% GREEK SMALL LETTER NU  
 2268 \SE@MapDeclare{iso-8859-7}{EE}{03BE}% GREEK SMALL LETTER XI  
 2269 \SE@MapDeclare{iso-8859-7}{EF}{03BF}% GREEK SMALL LETTER OMICRON  
 2270 \SE@MapDeclare{iso-8859-7}{F0}{03C0}% GREEK SMALL LETTER PI  
 2271 \SE@MapDeclare{iso-8859-7}{F1}{03C1}% GREEK SMALL LETTER RHO  
 2272 \SE@MapDeclare{iso-8859-7}{F2}{03C2}% GREEK SMALL LETTER FINAL SIGMA  
 2273 \SE@MapDeclare{iso-8859-7}{F3}{03C3}% GREEK SMALL LETTER SIGMA  
 2274 \SE@MapDeclare{iso-8859-7}{F4}{03C4}% GREEK SMALL LETTER TAU  
 2275 \SE@MapDeclare{iso-8859-7}{F5}{03C5}% GREEK SMALL LETTER UPSILON  
 2276 \SE@MapDeclare{iso-8859-7}{F6}{03C6}% GREEK SMALL LETTER PHI  
 2277 \SE@MapDeclare{iso-8859-7}{F7}{03C7}% GREEK SMALL LETTER CHI  
 2278 \SE@MapDeclare{iso-8859-7}{F8}{03C8}% GREEK SMALL LETTER PSI  
 2279 \SE@MapDeclare{iso-8859-7}{F9}{03C9}% GREEK SMALL LETTER OMEGA  
 2280 \SE@MapDeclare{iso-8859-7}{FA}{03CA}% GREEK SMALL LETTER IOTA WITH DIALYTIKA  
 2281 \SE@MapDeclare{iso-8859-7}{FB}{03CB}% GREEK SMALL LETTER UPSILON WITH DIALYTIKA  
 2282 \SE@MapDeclare{iso-8859-7}{FC}{03CC}% GREEK SMALL LETTER OMICRON WITH TONOS  
 2283 \SE@MapDeclare{iso-8859-7}{FD}{03CD}% GREEK SMALL LETTER UPSILON WITH TONOS  
 2284 \SE@MapDeclare{iso-8859-7}{FE}{03CE}% GREEK SMALL LETTER OMEGA WITH TONOS  
 2285 \SE@MapDeclare{iso-8859-7}

## iso-8859-8

2286 (\*iso-8859-8)  
 2287 \SE@MapDeclare{iso-8859-8}{A0}{00A0}% NO-BREAK SPACE  
 2288 \SE@MapDeclare{iso-8859-8}{A2}{00A2}% CENT SIGN  
 2289 \SE@MapDeclare{iso-8859-8}{A3}{00A3}% POUND SIGN  
 2290 \SE@MapDeclare{iso-8859-8}{A4}{00A4}% CURRENCY SIGN  
 2291 \SE@MapDeclare{iso-8859-8}{A5}{00A5}% YEN SIGN  
 2292 \SE@MapDeclare{iso-8859-8}{A6}{00A6}% BROKEN BAR  
 2293 \SE@MapDeclare{iso-8859-8}{A7}{00A7}% SECTION SIGN  
 2294 \SE@MapDeclare{iso-8859-8}{A8}{00A8}% DIAERESIS  
 2295 \SE@MapDeclare{iso-8859-8}{A9}{00A9}% COPYRIGHT SIGN  
 2296 \SE@MapDeclare{iso-8859-8}{AA}{00AD}% MULTIPLICATION SIGN  
 2297 \SE@MapDeclare{iso-8859-8}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2298 \SE@MapDeclare{iso-8859-8}{AC}{00AC}% NOT SIGN  
 2299 \SE@MapDeclare{iso-8859-8}{AD}{00AD}% SOFT HYPHEN  
 2300 \SE@MapDeclare{iso-8859-8}{AE}{00AE}% REGISTERED SIGN  
 2301 \SE@MapDeclare{iso-8859-8}{AF}{00AF}% MACRON  
 2302 \SE@MapDeclare{iso-8859-8}{B0}{00B0}% DEGREE SIGN  
 2303 \SE@MapDeclare{iso-8859-8}{B1}{00B1}% PLUS-MINUS SIGN  
 2304 \SE@MapDeclare{iso-8859-8}{B2}{00B2}% SUPERSCRPT TWO  
 2305 \SE@MapDeclare{iso-8859-8}{B3}{00B3}% SUPERSCRPT THREE  
 2306 \SE@MapDeclare{iso-8859-8}{B4}{00B4}% ACUTE ACCENT  
 2307 \SE@MapDeclare{iso-8859-8}{B5}{00B5}% MICRO SIGN  
 2308 \SE@MapDeclare{iso-8859-8}{B6}{00B6}% PILCROW SIGN  
 2309 \SE@MapDeclare{iso-8859-8}{B7}{00B7}% MIDDLE DOT  
 2310 \SE@MapDeclare{iso-8859-8}{B8}{00B8}% CEDILLA  
 2311 \SE@MapDeclare{iso-8859-8}{B9}{00B9}% SUPERSCRPT ONE  
 2312 \SE@MapDeclare{iso-8859-8}{BA}{00BF}% DIVISION SIGN  
 2313 \SE@MapDeclare{iso-8859-8}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2314 \SE@MapDeclare{iso-8859-8}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2315 \SE@MapDeclare{iso-8859-8}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2316 \SE@MapDeclare{iso-8859-8}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2317 \SE@MapDeclare{iso-8859-8}{DF}{2017}% DOUBLE LOW LINE  
 2318 \SE@MapDeclare{iso-8859-8}{E0}{05D0}% HEBREW LETTER ALEF  
 2319 \SE@MapDeclare{iso-8859-8}{E1}{05D1}% HEBREW LETTER BET  
 2320 \SE@MapDeclare{iso-8859-8}{E2}{05D2}% HEBREW LETTER GIMEL  
 2321 \SE@MapDeclare{iso-8859-8}{E3}{05D3}% HEBREW LETTER DALET  
 2322 \SE@MapDeclare{iso-8859-8}{E4}{05D4}% HEBREW LETTER HE

2323 \SE@MapDeclare{iso-8859-8}{E5}{05D5}% HEBREW LETTER VAV  
 2324 \SE@MapDeclare{iso-8859-8}{E6}{05D6}% HEBREW LETTER ZAYIN  
 2325 \SE@MapDeclare{iso-8859-8}{E7}{05D7}% HEBREW LETTER HET  
 2326 \SE@MapDeclare{iso-8859-8}{E8}{05D8}% HEBREW LETTER TET  
 2327 \SE@MapDeclare{iso-8859-8}{E9}{05D9}% HEBREW LETTER YOD  
 2328 \SE@MapDeclare{iso-8859-8}{EA}{05DA}% HEBREW LETTER FINAL KAF  
 2329 \SE@MapDeclare{iso-8859-8}{EB}{05DB}% HEBREW LETTER KAF  
 2330 \SE@MapDeclare{iso-8859-8}{EC}{05DC}% HEBREW LETTER LAMED  
 2331 \SE@MapDeclare{iso-8859-8}{ED}{05DD}% HEBREW LETTER FINAL MEM  
 2332 \SE@MapDeclare{iso-8859-8}{EE}{05DE}% HEBREW LETTER MEM  
 2333 \SE@MapDeclare{iso-8859-8}{EF}{05DF}% HEBREW LETTER FINAL NUN  
 2334 \SE@MapDeclare{iso-8859-8}{F0}{05E0}% HEBREW LETTER NUN  
 2335 \SE@MapDeclare{iso-8859-8}{F1}{05E1}% HEBREW LETTER SAMEKH  
 2336 \SE@MapDeclare{iso-8859-8}{F2}{05E2}% HEBREW LETTER AYIN  
 2337 \SE@MapDeclare{iso-8859-8}{F3}{05E3}% HEBREW LETTER FINAL PE  
 2338 \SE@MapDeclare{iso-8859-8}{F4}{05E4}% HEBREW LETTER PE  
 2339 \SE@MapDeclare{iso-8859-8}{F5}{05E5}% HEBREW LETTER FINAL TSADI  
 2340 \SE@MapDeclare{iso-8859-8}{F6}{05E6}% HEBREW LETTER TSADI  
 2341 \SE@MapDeclare{iso-8859-8}{F7}{05E7}% HEBREW LETTER QOF  
 2342 \SE@MapDeclare{iso-8859-8}{F8}{05E8}% HEBREW LETTER RESH  
 2343 \SE@MapDeclare{iso-8859-8}{F9}{05E9}% HEBREW LETTER SHIN  
 2344 \SE@MapDeclare{iso-8859-8}{FA}{05EA}% HEBREW LETTER TAV  
 2345 \SE@MapDeclare{iso-8859-8}{FD}{200E}% LEFT-TO-RIGHT MARK  
 2346 \SE@MapDeclare{iso-8859-8}{FE}{200F}% RIGHT-TO-LEFT MARK  
 2347 </iso-8859-8>

### iso-8859-9

2348 <iso-8859-9>  
 2349 \SE@MapDeclare{iso-8859-9}{A0}{00A0}% NO-BREAK SPACE  
 2350 \SE@MapDeclare{iso-8859-9}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 2351 \SE@MapDeclare{iso-8859-9}{A2}{00A2}% CENT SIGN  
 2352 \SE@MapDeclare{iso-8859-9}{A3}{00A3}% POUND SIGN  
 2353 \SE@MapDeclare{iso-8859-9}{A4}{00A4}% CURRENCY SIGN  
 2354 \SE@MapDeclare{iso-8859-9}{A5}{00A5}% YEN SIGN  
 2355 \SE@MapDeclare{iso-8859-9}{A6}{00A6}% BROKEN BAR  
 2356 \SE@MapDeclare{iso-8859-9}{A7}{00A7}% SECTION SIGN  
 2357 \SE@MapDeclare{iso-8859-9}{A8}{00A8}% DIAERESIS  
 2358 \SE@MapDeclare{iso-8859-9}{A9}{00A9}% COPYRIGHT SIGN  
 2359 \SE@MapDeclare{iso-8859-9}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
 2360 \SE@MapDeclare{iso-8859-9}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2361 \SE@MapDeclare{iso-8859-9}{AC}{00AC}% NOT SIGN  
 2362 \SE@MapDeclare{iso-8859-9}{AD}{00AD}% SOFT HYPHEN  
 2363 \SE@MapDeclare{iso-8859-9}{AE}{00AE}% REGISTERED SIGN  
 2364 \SE@MapDeclare{iso-8859-9}{AF}{00AF}% MACRON  
 2365 \SE@MapDeclare{iso-8859-9}{B0}{00B0}% DEGREE SIGN  
 2366 \SE@MapDeclare{iso-8859-9}{B1}{00B1}% PLUS-MINUS SIGN  
 2367 \SE@MapDeclare{iso-8859-9}{B2}{00B2}% SUPERSCRIPT TWO  
 2368 \SE@MapDeclare{iso-8859-9}{B3}{00B3}% SUPERSCRIPT THREE  
 2369 \SE@MapDeclare{iso-8859-9}{B4}{00B4}% ACUTE ACCENT  
 2370 \SE@MapDeclare{iso-8859-9}{B5}{00B5}% MICRO SIGN  
 2371 \SE@MapDeclare{iso-8859-9}{B6}{00B6}% PILCROW SIGN  
 2372 \SE@MapDeclare{iso-8859-9}{B7}{00B7}% MIDDLE DOT  
 2373 \SE@MapDeclare{iso-8859-9}{B8}{00B8}% CEDILLA  
 2374 \SE@MapDeclare{iso-8859-9}{B9}{00B9}% SUPERSCRIPT ONE  
 2375 \SE@MapDeclare{iso-8859-9}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
 2376 \SE@MapDeclare{iso-8859-9}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2377 \SE@MapDeclare{iso-8859-9}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2378 \SE@MapDeclare{iso-8859-9}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2379 \SE@MapDeclare{iso-8859-9}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2380 \SE@MapDeclare{iso-8859-9}{BF}{00BF}% INVERTED QUESTION MARK  
 2381 \SE@MapDeclare{iso-8859-9}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2382 \SE@MapDeclare{iso-8859-9}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2383 \SE@MapDeclare{iso-8859-9}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2384 \SE@MapDeclare{iso-8859-9}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2385 \SE@MapDeclare{iso-8859-9}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2386 \SE@MapDeclare{iso-8859-9}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2387 \SE@MapDeclare{iso-8859-9}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2388 \SE@MapDeclare{iso-8859-9}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2389 \SE@MapDeclare{iso-8859-9}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2390 \SE@MapDeclare{iso-8859-9}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2391 \SE@MapDeclare{iso-8859-9}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2392 \SE@MapDeclare{iso-8859-9}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2393 \SE@MapDeclare{iso-8859-9}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2394 \SE@MapDeclare{iso-8859-9}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2395 \SE@MapDeclare{iso-8859-9}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2396 \SE@MapDeclare{iso-8859-9}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2397 \SE@MapDeclare{iso-8859-9}{D0}{011E}% LATIN CAPITAL LETTER G WITH BREVE  
 2398 \SE@MapDeclare{iso-8859-9}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2399 \SE@MapDeclare{iso-8859-9}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2400 \SE@MapDeclare{iso-8859-9}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2401 \SE@MapDeclare{iso-8859-9}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2402 \SE@MapDeclare{iso-8859-9}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2403 \SE@MapDeclare{iso-8859-9}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2404 \SE@MapDeclare{iso-8859-9}{D7}{00D7}% MULTIPLICATION SIGN

2405 \SE@MapDeclare{iso-8859-9}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
2406 \SE@MapDeclare{iso-8859-9}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
2407 \SE@MapDeclare{iso-8859-9}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
2408 \SE@MapDeclare{iso-8859-9}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2409 \SE@MapDeclare{iso-8859-9}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2410 \SE@MapDeclare{iso-8859-9}{DD}{0130}% LATIN CAPITAL LETTER I WITH DOT ABOVE  
2411 \SE@MapDeclare{iso-8859-9}{DE}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
2412 \SE@MapDeclare{iso-8859-9}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
2413 \SE@MapDeclare{iso-8859-9}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
2414 \SE@MapDeclare{iso-8859-9}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2415 \SE@MapDeclare{iso-8859-9}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2416 \SE@MapDeclare{iso-8859-9}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
2417 \SE@MapDeclare{iso-8859-9}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2418 \SE@MapDeclare{iso-8859-9}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
2419 \SE@MapDeclare{iso-8859-9}{E6}{00E6}% LATIN SMALL LETTER AE  
2420 \SE@MapDeclare{iso-8859-9}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
2421 \SE@MapDeclare{iso-8859-9}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
2422 \SE@MapDeclare{iso-8859-9}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
2423 \SE@MapDeclare{iso-8859-9}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
2424 \SE@MapDeclare{iso-8859-9}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
2425 \SE@MapDeclare{iso-8859-9}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
2426 \SE@MapDeclare{iso-8859-9}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
2427 \SE@MapDeclare{iso-8859-9}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
2428 \SE@MapDeclare{iso-8859-9}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
2429 \SE@MapDeclare{iso-8859-9}{F0}{011F}% LATIN SMALL LETTER G WITH BREVE  
2430 \SE@MapDeclare{iso-8859-9}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
2431 \SE@MapDeclare{iso-8859-9}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
2432 \SE@MapDeclare{iso-8859-9}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
2433 \SE@MapDeclare{iso-8859-9}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
2434 \SE@MapDeclare{iso-8859-9}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
2435 \SE@MapDeclare{iso-8859-9}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
2436 \SE@MapDeclare{iso-8859-9}{F7}{00F7}% DIVISION SIGN  
2437 \SE@MapDeclare{iso-8859-9}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
2438 \SE@MapDeclare{iso-8859-9}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
2439 \SE@MapDeclare{iso-8859-9}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
2440 \SE@MapDeclare{iso-8859-9}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
2441 \SE@MapDeclare{iso-8859-9}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
2442 \SE@MapDeclare{iso-8859-9}{FD}{0131}% LATIN SMALL LETTER DOTLESS I  
2443 \SE@MapDeclare{iso-8859-9}{FE}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
2444 \SE@MapDeclare{iso-8859-9}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
2445 (/iso - 8859 - 9)

## iso-8859-10

2446 (\*iso - 8859 - 10)  
2447 \SE@MapDeclare{iso-8859-10}{A0}{00A0}% NO-BREAK SPACE  
2448 \SE@MapDeclare{iso-8859-10}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
2449 \SE@MapDeclare{iso-8859-10}{A2}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
2450 \SE@MapDeclare{iso-8859-10}{A3}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
2451 \SE@MapDeclare{iso-8859-10}{A4}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
2452 \SE@MapDeclare{iso-8859-10}{A5}{0128}% LATIN CAPITAL LETTER I WITH TILDE  
2453 \SE@MapDeclare{iso-8859-10}{A6}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
2454 \SE@MapDeclare{iso-8859-10}{A7}{00A7}% SECTION SIGN  
2455 \SE@MapDeclare{iso-8859-10}{A8}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
2456 \SE@MapDeclare{iso-8859-10}{A9}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
2457 \SE@MapDeclare{iso-8859-10}{AA}{0160}% LATIN CAPITAL LETTER S WITH CARON  
2458 \SE@MapDeclare{iso-8859-10}{AB}{0166}% LATIN CAPITAL LETTER T WITH STROKE  
2459 \SE@MapDeclare{iso-8859-10}{AC}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
2460 \SE@MapDeclare{iso-8859-10}{AD}{00AD}% SOFT HYPHEN  
2461 \SE@MapDeclare{iso-8859-10}{AE}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
2462 \SE@MapDeclare{iso-8859-10}{AF}{014A}% LATIN CAPITAL LETTER ENG  
2463 \SE@MapDeclare{iso-8859-10}{B0}{00B0}% DEGREE SIGN  
2464 \SE@MapDeclare{iso-8859-10}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
2465 \SE@MapDeclare{iso-8859-10}{B2}{0113}% LATIN SMALL LETTER E WITH MACRON  
2466 \SE@MapDeclare{iso-8859-10}{B3}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
2467 \SE@MapDeclare{iso-8859-10}{B4}{012B}% LATIN SMALL LETTER I WITH MACRON  
2468 \SE@MapDeclare{iso-8859-10}{B5}{0129}% LATIN SMALL LETTER I WITH TILDE  
2469 \SE@MapDeclare{iso-8859-10}{B6}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
2470 \SE@MapDeclare{iso-8859-10}{B7}{00B7}% MIDDLE DOT  
2471 \SE@MapDeclare{iso-8859-10}{B8}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
2472 \SE@MapDeclare{iso-8859-10}{B9}{0111}% LATIN SMALL LETTER D WITH STROKE  
2473 \SE@MapDeclare{iso-8859-10}{BA}{0161}% LATIN SMALL LETTER S WITH CARON  
2474 \SE@MapDeclare{iso-8859-10}{BB}{0167}% LATIN SMALL LETTER T WITH STROKE  
2475 \SE@MapDeclare{iso-8859-10}{BC}{017E}% LATIN SMALL LETTER Z WITH CARON  
2476 \SE@MapDeclare{iso-8859-10}{BD}{2015}% HORIZONTAL BAR  
2477 \SE@MapDeclare{iso-8859-10}{BE}{016B}% LATIN SMALL LETTER U WITH MACRON  
2478 \SE@MapDeclare{iso-8859-10}{BF}{014B}% LATIN SMALL LETTER ENG  
2479 \SE@MapDeclare{iso-8859-10}{C0}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
2480 \SE@MapDeclare{iso-8859-10}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
2481 \SE@MapDeclare{iso-8859-10}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
2482 \SE@MapDeclare{iso-8859-10}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
2483 \SE@MapDeclare{iso-8859-10}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
2484 \SE@MapDeclare{iso-8859-10}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
2485 \SE@MapDeclare{iso-8859-10}{C6}{00C6}% LATIN CAPITAL LETTER AE  
2486 \SE@MapDeclare{iso-8859-10}{C7}{012E}% LATIN CAPITAL LETTER I WITH OGONEK

2487 \SE@MapDeclare{iso-8859-10}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2488 \SE@MapDeclare{iso-8859-10}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2489 \SE@MapDeclare{iso-8859-10}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 2490 \SE@MapDeclare{iso-8859-10}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2491 \SE@MapDeclare{iso-8859-10}{CC}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 2492 \SE@MapDeclare{iso-8859-10}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2493 \SE@MapDeclare{iso-8859-10}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2494 \SE@MapDeclare{iso-8859-10}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2495 \SE@MapDeclare{iso-8859-10}{D0}{00D0}% LATIN CAPITAL LETTER ETH (Icelandic)  
 2496 \SE@MapDeclare{iso-8859-10}{D1}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 2497 \SE@MapDeclare{iso-8859-10}{D2}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 2498 \SE@MapDeclare{iso-8859-10}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2499 \SE@MapDeclare{iso-8859-10}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2500 \SE@MapDeclare{iso-8859-10}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2501 \SE@MapDeclare{iso-8859-10}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2502 \SE@MapDeclare{iso-8859-10}{D7}{0168}% LATIN CAPITAL LETTER U WITH TILDE  
 2503 \SE@MapDeclare{iso-8859-10}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2504 \SE@MapDeclare{iso-8859-10}{D9}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 2505 \SE@MapDeclare{iso-8859-10}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2506 \SE@MapDeclare{iso-8859-10}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2507 \SE@MapDeclare{iso-8859-10}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2508 \SE@MapDeclare{iso-8859-10}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 2509 \SE@MapDeclare{iso-8859-10}{DE}{00DE}% LATIN CAPITAL LETTER THORN (Icelandic)  
 2510 \SE@MapDeclare{iso-8859-10}{DF}{00DF}% LATIN SMALL LETTER SHARP S (German)  
 2511 \SE@MapDeclare{iso-8859-10}{E0}{0101}% LATIN SMALL LETTER A WITH MACRON  
 2512 \SE@MapDeclare{iso-8859-10}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2513 \SE@MapDeclare{iso-8859-10}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2514 \SE@MapDeclare{iso-8859-10}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2515 \SE@MapDeclare{iso-8859-10}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2516 \SE@MapDeclare{iso-8859-10}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2517 \SE@MapDeclare{iso-8859-10}{E6}{00E6}% LATIN SMALL LETTER AE  
 2518 \SE@MapDeclare{iso-8859-10}{E7}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 2519 \SE@MapDeclare{iso-8859-10}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 2520 \SE@MapDeclare{iso-8859-10}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2521 \SE@MapDeclare{iso-8859-10}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 2522 \SE@MapDeclare{iso-8859-10}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2523 \SE@MapDeclare{iso-8859-10}{EC}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 2524 \SE@MapDeclare{iso-8859-10}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2525 \SE@MapDeclare{iso-8859-10}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2526 \SE@MapDeclare{iso-8859-10}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2527 \SE@MapDeclare{iso-8859-10}{F0}{00F0}% LATIN SMALL LETTER ETH (Icelandic)  
 2528 \SE@MapDeclare{iso-8859-10}{F1}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 2529 \SE@MapDeclare{iso-8859-10}{F2}{014D}% LATIN SMALL LETTER O WITH MACRON  
 2530 \SE@MapDeclare{iso-8859-10}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2531 \SE@MapDeclare{iso-8859-10}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2532 \SE@MapDeclare{iso-8859-10}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2533 \SE@MapDeclare{iso-8859-10}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2534 \SE@MapDeclare{iso-8859-10}{F7}{0169}% LATIN SMALL LETTER U WITH TILDE  
 2535 \SE@MapDeclare{iso-8859-10}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2536 \SE@MapDeclare{iso-8859-10}{F9}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2537 \SE@MapDeclare{iso-8859-10}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2538 \SE@MapDeclare{iso-8859-10}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2539 \SE@MapDeclare{iso-8859-10}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2540 \SE@MapDeclare{iso-8859-10}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2541 \SE@MapDeclare{iso-8859-10}{FE}{00FE}% LATIN SMALL LETTER THORN (Icelandic)  
 2542 \SE@MapDeclare{iso-8859-10}{FF}{0138}% LATIN SMALL LETTER KRA  
 2543 (/iso - 8859 - 10)

## iso-8859-11

2544 (\*iso - 8859 - 11)  
 2545 \SE@MapDeclare{iso-8859-11}{A0}{00A0}% NO-BREAK SPACE  
 2546 \SE@MapDeclare{iso-8859-11}{A1}{0E01}% THAI CHARACTER KO KAI  
 2547 \SE@MapDeclare{iso-8859-11}{A2}{0E02}% THAI CHARACTER KHO KHAI  
 2548 \SE@MapDeclare{iso-8859-11}{A3}{0E03}% THAI CHARACTER KHO KHUAT  
 2549 \SE@MapDeclare{iso-8859-11}{A4}{0E04}% THAI CHARACTER KHO KHWAI  
 2550 \SE@MapDeclare{iso-8859-11}{A5}{0E05}% THAI CHARACTER KHO KHON  
 2551 \SE@MapDeclare{iso-8859-11}{A6}{0E06}% THAI CHARACTER KHO RAKHANG  
 2552 \SE@MapDeclare{iso-8859-11}{A7}{0E07}% THAI CHARACTER NGO NGU  
 2553 \SE@MapDeclare{iso-8859-11}{A8}{0E08}% THAI CHARACTER CHO CHAN  
 2554 \SE@MapDeclare{iso-8859-11}{A9}{0E09}% THAI CHARACTER CHO CHING  
 2555 \SE@MapDeclare{iso-8859-11}{AA}{0E0A}% THAI CHARACTER CHO CHANG  
 2556 \SE@MapDeclare{iso-8859-11}{AB}{0E0B}% THAI CHARACTER SO SO  
 2557 \SE@MapDeclare{iso-8859-11}{AC}{0E0C}% THAI CHARACTER CHO CHOE  
 2558 \SE@MapDeclare{iso-8859-11}{AD}{0E0D}% THAI CHARACTER YO YING  
 2559 \SE@MapDeclare{iso-8859-11}{AE}{0E0E}% THAI CHARACTER DO CHADA  
 2560 \SE@MapDeclare{iso-8859-11}{AF}{0E0F}% THAI CHARACTER TO PATAK  
 2561 \SE@MapDeclare{iso-8859-11}{B0}{0E10}% THAI CHARACTER THO THAN  
 2562 \SE@MapDeclare{iso-8859-11}{B1}{0E11}% THAI CHARACTER THO NANGMONTHO  
 2563 \SE@MapDeclare{iso-8859-11}{B2}{0E12}% THAI CHARACTER THO PHUTHAO  
 2564 \SE@MapDeclare{iso-8859-11}{B3}{0E13}% THAI CHARACTER NO NEN  
 2565 \SE@MapDeclare{iso-8859-11}{B4}{0E14}% THAI CHARACTER DO DEK  
 2566 \SE@MapDeclare{iso-8859-11}{B5}{0E15}% THAI CHARACTER TO TAO  
 2567 \SE@MapDeclare{iso-8859-11}{B6}{0E16}% THAI CHARACTER THO THUNG  
 2568 \SE@MapDeclare{iso-8859-11}{B7}{0E17}% THAI CHARACTER THO THAHAN

2569 \SE@MapDeclare{iso-8859-11}{B8}{0E18}% THAI CHARACTER THO THONG  
 2570 \SE@MapDeclare{iso-8859-11}{B9}{0E19}% THAI CHARACTER NO NU  
 2571 \SE@MapDeclare{iso-8859-11}{BA}{0E1A}% THAI CHARACTER BO BAIMAI  
 2572 \SE@MapDeclare{iso-8859-11}{BB}{0E1B}% THAI CHARACTER PO PLA  
 2573 \SE@MapDeclare{iso-8859-11}{BC}{0E1C}% THAI CHARACTER PHO PHUNG  
 2574 \SE@MapDeclare{iso-8859-11}{BD}{0E1D}% THAI CHARACTER FO FA  
 2575 \SE@MapDeclare{iso-8859-11}{BE}{0E1E}% THAI CHARACTER PHO PHAN  
 2576 \SE@MapDeclare{iso-8859-11}{BF}{0E1F}% THAI CHARACTER FO FAN  
 2577 \SE@MapDeclare{iso-8859-11}{C0}{0E20}% THAI CHARACTER PHO SAMPHAO  
 2578 \SE@MapDeclare{iso-8859-11}{C1}{0E21}% THAI CHARACTER MO MA  
 2579 \SE@MapDeclare{iso-8859-11}{C2}{0E22}% THAI CHARACTER YO YAK  
 2580 \SE@MapDeclare{iso-8859-11}{C3}{0E23}% THAI CHARACTER RO RUA  
 2581 \SE@MapDeclare{iso-8859-11}{C4}{0E24}% THAI CHARACTER RU  
 2582 \SE@MapDeclare{iso-8859-11}{C5}{0E25}% THAI CHARACTER LO LING  
 2583 \SE@MapDeclare{iso-8859-11}{C6}{0E26}% THAI CHARACTER LU  
 2584 \SE@MapDeclare{iso-8859-11}{C7}{0E27}% THAI CHARACTER WO WAEN  
 2585 \SE@MapDeclare{iso-8859-11}{C8}{0E28}% THAI CHARACTER SO SALA  
 2586 \SE@MapDeclare{iso-8859-11}{C9}{0E29}% THAI CHARACTER SO RUSI  
 2587 \SE@MapDeclare{iso-8859-11}{CA}{0E2A}% THAI CHARACTER SO SUA  
 2588 \SE@MapDeclare{iso-8859-11}{CB}{0E2B}% THAI CHARACTER HO HIP  
 2589 \SE@MapDeclare{iso-8859-11}{CC}{0E2C}% THAI CHARACTER LO CHULA  
 2590 \SE@MapDeclare{iso-8859-11}{CD}{0E2D}% THAI CHARACTER O ANG  
 2591 \SE@MapDeclare{iso-8859-11}{CE}{0E2E}% THAI CHARACTER HO NOKHUK  
 2592 \SE@MapDeclare{iso-8859-11}{CF}{0E2F}% THAI CHARACTER PAIYANNOI  
 2593 \SE@MapDeclare{iso-8859-11}{D0}{0E30}% THAI CHARACTER SARA A  
 2594 \SE@MapDeclare{iso-8859-11}{D1}{0E31}% THAI CHARACTER MAI HAN-AKAT  
 2595 \SE@MapDeclare{iso-8859-11}{D2}{0E32}% THAI CHARACTER SARA AA  
 2596 \SE@MapDeclare{iso-8859-11}{D3}{0E33}% THAI CHARACTER SARA AM  
 2597 \SE@MapDeclare{iso-8859-11}{D4}{0E34}% THAI CHARACTER SARA I  
 2598 \SE@MapDeclare{iso-8859-11}{D5}{0E35}% THAI CHARACTER SARA II  
 2599 \SE@MapDeclare{iso-8859-11}{D6}{0E36}% THAI CHARACTER SARA UE  
 2600 \SE@MapDeclare{iso-8859-11}{D7}{0E37}% THAI CHARACTER SARA UEE  
 2601 \SE@MapDeclare{iso-8859-11}{D8}{0E38}% THAI CHARACTER SARA U  
 2602 \SE@MapDeclare{iso-8859-11}{D9}{0E39}% THAI CHARACTER SARA UU  
 2603 \SE@MapDeclare{iso-8859-11}{DA}{0E3A}% THAI CHARACTER PHINTHU  
 2604 \SE@MapDeclare{iso-8859-11}{DF}{0E3F}% THAI CURRENCY SYMBOL BAHT  
 2605 \SE@MapDeclare{iso-8859-11}{E0}{0E40}% THAI CHARACTER SARA E  
 2606 \SE@MapDeclare{iso-8859-11}{E1}{0E41}% THAI CHARACTER SARA AE  
 2607 \SE@MapDeclare{iso-8859-11}{E2}{0E42}% THAI CHARACTER SARA O  
 2608 \SE@MapDeclare{iso-8859-11}{E3}{0E43}% THAI CHARACTER SARA AI MAIMUAN  
 2609 \SE@MapDeclare{iso-8859-11}{E4}{0E44}% THAI CHARACTER SARA AI MAIMALAI  
 2610 \SE@MapDeclare{iso-8859-11}{E5}{0E45}% THAI CHARACTER LAKKHANGYAO  
 2611 \SE@MapDeclare{iso-8859-11}{E6}{0E46}% THAI CHARACTER MAIYAMOK  
 2612 \SE@MapDeclare{iso-8859-11}{E7}{0E47}% THAI CHARACTER MAITAIKHU  
 2613 \SE@MapDeclare{iso-8859-11}{E8}{0E48}% THAI CHARACTER MAI EK  
 2614 \SE@MapDeclare{iso-8859-11}{E9}{0E49}% THAI CHARACTER MAI THO  
 2615 \SE@MapDeclare{iso-8859-11}{EA}{0E4A}% THAI CHARACTER MAI TRI  
 2616 \SE@MapDeclare{iso-8859-11}{EB}{0E4B}% THAI CHARACTER MAI CHATTAWA  
 2617 \SE@MapDeclare{iso-8859-11}{EC}{0E4C}% THAI CHARACTER THANTHAKHAT  
 2618 \SE@MapDeclare{iso-8859-11}{ED}{0E4D}% THAI CHARACTER NIKHAHIT  
 2619 \SE@MapDeclare{iso-8859-11}{EE}{0E4E}% THAI CHARACTER YAMAKKAN  
 2620 \SE@MapDeclare{iso-8859-11}{EF}{0E4F}% THAI CHARACTER FONGMAN  
 2621 \SE@MapDeclare{iso-8859-11}{F0}{0E50}% THAI DIGIT ZERO  
 2622 \SE@MapDeclare{iso-8859-11}{F1}{0E51}% THAI DIGIT ONE  
 2623 \SE@MapDeclare{iso-8859-11}{F2}{0E52}% THAI DIGIT TWO  
 2624 \SE@MapDeclare{iso-8859-11}{F3}{0E53}% THAI DIGIT THREE  
 2625 \SE@MapDeclare{iso-8859-11}{F4}{0E54}% THAI DIGIT FOUR  
 2626 \SE@MapDeclare{iso-8859-11}{F5}{0E55}% THAI DIGIT FIVE  
 2627 \SE@MapDeclare{iso-8859-11}{F6}{0E56}% THAI DIGIT SIX  
 2628 \SE@MapDeclare{iso-8859-11}{F7}{0E57}% THAI DIGIT SEVEN  
 2629 \SE@MapDeclare{iso-8859-11}{F8}{0E58}% THAI DIGIT EIGHT  
 2630 \SE@MapDeclare{iso-8859-11}{F9}{0E59}% THAI DIGIT NINE  
 2631 \SE@MapDeclare{iso-8859-11}{FA}{0E5A}% THAI CHARACTER ANGKHANKHU  
 2632 \SE@MapDeclare{iso-8859-11}{FB}{0E5B}% THAI CHARACTER KHOMUT  
 2633 </iso - 8859 - 11>

### iso-8859-13

2634 (\*iso - 8859 - 13)  
 2635 \SE@MapDeclare{iso-8859-13}{A0}{00A0}% NO-BREAK SPACE  
 2636 \SE@MapDeclare{iso-8859-13}{A1}{201D}% RIGHT DOUBLE QUOTATION MARK  
 2637 \SE@MapDeclare{iso-8859-13}{A2}{00A2}% CENT SIGN  
 2638 \SE@MapDeclare{iso-8859-13}{A3}{00A3}% POUND SIGN  
 2639 \SE@MapDeclare{iso-8859-13}{A4}{00A4}% CURRENCY SIGN  
 2640 \SE@MapDeclare{iso-8859-13}{A5}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 2641 \SE@MapDeclare{iso-8859-13}{A6}{00A6}% BROKEN BAR  
 2642 \SE@MapDeclare{iso-8859-13}{A7}{00A7}% SECTION SIGN  
 2643 \SE@MapDeclare{iso-8859-13}{A8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2644 \SE@MapDeclare{iso-8859-13}{A9}{00A9}% COPYRIGHT SIGN  
 2645 \SE@MapDeclare{iso-8859-13}{AA}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 2646 \SE@MapDeclare{iso-8859-13}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2647 \SE@MapDeclare{iso-8859-13}{AC}{00AC}% NOT SIGN  
 2648 \SE@MapDeclare{iso-8859-13}{AD}{00AD}% SOFT HYPHEN  
 2649 \SE@MapDeclare{iso-8859-13}{AE}{00AE}% REGISTERED SIGN  
 2650 \SE@MapDeclare{iso-8859-13}{AF}{00C6}% LATIN CAPITAL LETTER AE

2651 \SE@MapDeclare{iso-8859-13}{B0}{00B0}% DEGREE SIGN  
 2652 \SE@MapDeclare{iso-8859-13}{B1}{00B1}% PLUS-MINUS SIGN  
 2653 \SE@MapDeclare{iso-8859-13}{B2}{00B2}% SUPERScript TWO  
 2654 \SE@MapDeclare{iso-8859-13}{B3}{00B3}% SUPERScript THREE  
 2655 \SE@MapDeclare{iso-8859-13}{B4}{201C}% LEFT DOUBLE QUOTATION MARK  
 2656 \SE@MapDeclare{iso-8859-13}{B5}{00B5}% MICRO SIGN  
 2657 \SE@MapDeclare{iso-8859-13}{B6}{00B6}% PILCROW SIGN  
 2658 \SE@MapDeclare{iso-8859-13}{B7}{00B7}% MIDDLE DOT  
 2659 \SE@MapDeclare{iso-8859-13}{B8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2660 \SE@MapDeclare{iso-8859-13}{B9}{00B9}% SUPERScript ONE  
 2661 \SE@MapDeclare{iso-8859-13}{BA}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 2662 \SE@MapDeclare{iso-8859-13}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2663 \SE@MapDeclare{iso-8859-13}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2664 \SE@MapDeclare{iso-8859-13}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2665 \SE@MapDeclare{iso-8859-13}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2666 \SE@MapDeclare{iso-8859-13}{BF}{00E6}% LATIN SMALL LETTER AE  
 2667 \SE@MapDeclare{iso-8859-13}{C0}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2668 \SE@MapDeclare{iso-8859-13}{C1}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 2669 \SE@MapDeclare{iso-8859-13}{C2}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 2670 \SE@MapDeclare{iso-8859-13}{C3}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 2671 \SE@MapDeclare{iso-8859-13}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2672 \SE@MapDeclare{iso-8859-13}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2673 \SE@MapDeclare{iso-8859-13}{C6}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 2674 \SE@MapDeclare{iso-8859-13}{C7}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 2675 \SE@MapDeclare{iso-8859-13}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2676 \SE@MapDeclare{iso-8859-13}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2677 \SE@MapDeclare{iso-8859-13}{CA}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 2678 \SE@MapDeclare{iso-8859-13}{CB}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 2679 \SE@MapDeclare{iso-8859-13}{CC}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 2680 \SE@MapDeclare{iso-8859-13}{CD}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 2681 \SE@MapDeclare{iso-8859-13}{CE}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 2682 \SE@MapDeclare{iso-8859-13}{CF}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 2683 \SE@MapDeclare{iso-8859-13}{D0}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2684 \SE@MapDeclare{iso-8859-13}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 2685 \SE@MapDeclare{iso-8859-13}{D2}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 2686 \SE@MapDeclare{iso-8859-13}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2687 \SE@MapDeclare{iso-8859-13}{D4}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 2688 \SE@MapDeclare{iso-8859-13}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2689 \SE@MapDeclare{iso-8859-13}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2690 \SE@MapDeclare{iso-8859-13}{D7}{00D7}% MULTIPLICATION SIGN  
 2691 \SE@MapDeclare{iso-8859-13}{D8}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 2692 \SE@MapDeclare{iso-8859-13}{D9}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 2693 \SE@MapDeclare{iso-8859-13}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 2694 \SE@MapDeclare{iso-8859-13}{DB}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 2695 \SE@MapDeclare{iso-8859-13}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2696 \SE@MapDeclare{iso-8859-13}{DD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 2697 \SE@MapDeclare{iso-8859-13}{DE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2698 \SE@MapDeclare{iso-8859-13}{DF}{00DF}% LATIN SMALL LETTER SHARP S (German)  
 2699 \SE@MapDeclare{iso-8859-13}{E0}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2700 \SE@MapDeclare{iso-8859-13}{E1}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 2701 \SE@MapDeclare{iso-8859-13}{E2}{0101}% LATIN SMALL LETTER A WITH MACRON  
 2702 \SE@MapDeclare{iso-8859-13}{E3}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 2703 \SE@MapDeclare{iso-8859-13}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2704 \SE@MapDeclare{iso-8859-13}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2705 \SE@MapDeclare{iso-8859-13}{E6}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 2706 \SE@MapDeclare{iso-8859-13}{E7}{0113}% LATIN SMALL LETTER E WITH MACRON  
 2707 \SE@MapDeclare{iso-8859-13}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 2708 \SE@MapDeclare{iso-8859-13}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2709 \SE@MapDeclare{iso-8859-13}{EA}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 2710 \SE@MapDeclare{iso-8859-13}{EB}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 2711 \SE@MapDeclare{iso-8859-13}{EC}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 2712 \SE@MapDeclare{iso-8859-13}{ED}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2713 \SE@MapDeclare{iso-8859-13}{EE}{012B}% LATIN SMALL LETTER I WITH MACRON  
 2714 \SE@MapDeclare{iso-8859-13}{EF}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 2715 \SE@MapDeclare{iso-8859-13}{F0}{0161}% LATIN SMALL LETTER S WITH CARON  
 2716 \SE@MapDeclare{iso-8859-13}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 2717 \SE@MapDeclare{iso-8859-13}{F2}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 2718 \SE@MapDeclare{iso-8859-13}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2719 \SE@MapDeclare{iso-8859-13}{F4}{014D}% LATIN SMALL LETTER O WITH MACRON  
 2720 \SE@MapDeclare{iso-8859-13}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2721 \SE@MapDeclare{iso-8859-13}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2722 \SE@MapDeclare{iso-8859-13}{F7}{00F7}% DIVISION SIGN  
 2723 \SE@MapDeclare{iso-8859-13}{F8}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2724 \SE@MapDeclare{iso-8859-13}{F9}{0142}% LATIN SMALL LETTER L WITH STROKE  
 2725 \SE@MapDeclare{iso-8859-13}{FA}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 2726 \SE@MapDeclare{iso-8859-13}{FB}{016B}% LATIN SMALL LETTER U WITH MACRON  
 2727 \SE@MapDeclare{iso-8859-13}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2728 \SE@MapDeclare{iso-8859-13}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 2729 \SE@MapDeclare{iso-8859-13}{FE}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2730 \SE@MapDeclare{iso-8859-13}{FF}{2019}% RIGHT SINGLE QUOTATION MARK  
 2731 </iso-8859-13>

## iso-8859-14

2732 <\*iso-8859-14>

2733 \SE@MapDeclare{iso-8859-14}{A0}{00A0}% NO-BREAK SPACE  
2734 \SE@MapDeclare{iso-8859-14}{A1}{1E02}% LATIN CAPITAL LETTER B WITH DOT ABOVE  
2735 \SE@MapDeclare{iso-8859-14}{A2}{1E03}% LATIN SMALL LETTER B WITH DOT ABOVE  
2736 \SE@MapDeclare{iso-8859-14}{A3}{00A3}% POUND SIGN  
2737 \SE@MapDeclare{iso-8859-14}{A4}{010A}% LATIN CAPITAL LETTER C WITH DOT ABOVE  
2738 \SE@MapDeclare{iso-8859-14}{A5}{010B}% LATIN SMALL LETTER C WITH DOT ABOVE  
2739 \SE@MapDeclare{iso-8859-14}{A6}{1E0A}% LATIN CAPITAL LETTER D WITH DOT ABOVE  
2740 \SE@MapDeclare{iso-8859-14}{A7}{00A7}% SECTION SIGN  
2741 \SE@MapDeclare{iso-8859-14}{A8}{1E80}% LATIN CAPITAL LETTER W WITH GRAVE  
2742 \SE@MapDeclare{iso-8859-14}{A9}{00A9}% COPYRIGHT SIGN  
2743 \SE@MapDeclare{iso-8859-14}{AA}{1E82}% LATIN CAPITAL LETTER W WITH ACUTE  
2744 \SE@MapDeclare{iso-8859-14}{AB}{1E0B}% LATIN SMALL LETTER D WITH DOT ABOVE  
2745 \SE@MapDeclare{iso-8859-14}{AC}{1EF2}% LATIN CAPITAL LETTER Y WITH GRAVE  
2746 \SE@MapDeclare{iso-8859-14}{AD}{00AD}% SOFT HYPHEN  
2747 \SE@MapDeclare{iso-8859-14}{AE}{00AE}% REGISTERED SIGN  
2748 \SE@MapDeclare{iso-8859-14}{AF}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
2749 \SE@MapDeclare{iso-8859-14}{B0}{1E1E}% LATIN CAPITAL LETTER F WITH DOT ABOVE  
2750 \SE@MapDeclare{iso-8859-14}{B1}{1E1F}% LATIN SMALL LETTER F WITH DOT ABOVE  
2751 \SE@MapDeclare{iso-8859-14}{B2}{0120}% LATIN CAPITAL LETTER G WITH DOT ABOVE  
2752 \SE@MapDeclare{iso-8859-14}{B3}{0121}% LATIN SMALL LETTER G WITH DOT ABOVE  
2753 \SE@MapDeclare{iso-8859-14}{B4}{1E40}% LATIN CAPITAL LETTER M WITH DOT ABOVE  
2754 \SE@MapDeclare{iso-8859-14}{B5}{1E41}% LATIN SMALL LETTER M WITH DOT ABOVE  
2755 \SE@MapDeclare{iso-8859-14}{B6}{00B6}% PILCROW SIGN  
2756 \SE@MapDeclare{iso-8859-14}{B7}{1E56}% LATIN CAPITAL LETTER P WITH DOT ABOVE  
2757 \SE@MapDeclare{iso-8859-14}{B8}{1E81}% LATIN SMALL LETTER W WITH GRAVE  
2758 \SE@MapDeclare{iso-8859-14}{B9}{1E57}% LATIN SMALL LETTER P WITH DOT ABOVE  
2759 \SE@MapDeclare{iso-8859-14}{BA}{1E83}% LATIN SMALL LETTER W WITH ACUTE  
2760 \SE@MapDeclare{iso-8859-14}{BB}{1E60}% LATIN CAPITAL LETTER S WITH DOT ABOVE  
2761 \SE@MapDeclare{iso-8859-14}{BC}{1EF3}% LATIN SMALL LETTER Y WITH GRAVE  
2762 \SE@MapDeclare{iso-8859-14}{BD}{1E84}% LATIN CAPITAL LETTER W WITH DIAERESIS  
2763 \SE@MapDeclare{iso-8859-14}{BE}{1E85}% LATIN SMALL LETTER W WITH DIAERESIS  
2764 \SE@MapDeclare{iso-8859-14}{BF}{1E61}% LATIN SMALL LETTER S WITH DOT ABOVE  
2765 \SE@MapDeclare{iso-8859-14}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
2766 \SE@MapDeclare{iso-8859-14}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
2767 \SE@MapDeclare{iso-8859-14}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
2768 \SE@MapDeclare{iso-8859-14}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
2769 \SE@MapDeclare{iso-8859-14}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
2770 \SE@MapDeclare{iso-8859-14}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
2771 \SE@MapDeclare{iso-8859-14}{C6}{00C6}% LATIN CAPITAL LETTER AE  
2772 \SE@MapDeclare{iso-8859-14}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
2773 \SE@MapDeclare{iso-8859-14}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
2774 \SE@MapDeclare{iso-8859-14}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
2775 \SE@MapDeclare{iso-8859-14}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
2776 \SE@MapDeclare{iso-8859-14}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
2777 \SE@MapDeclare{iso-8859-14}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
2778 \SE@MapDeclare{iso-8859-14}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
2779 \SE@MapDeclare{iso-8859-14}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
2780 \SE@MapDeclare{iso-8859-14}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
2781 \SE@MapDeclare{iso-8859-14}{D0}{0174}% LATIN CAPITAL LETTER W WITH CIRCUMFLEX  
2782 \SE@MapDeclare{iso-8859-14}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
2783 \SE@MapDeclare{iso-8859-14}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
2784 \SE@MapDeclare{iso-8859-14}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
2785 \SE@MapDeclare{iso-8859-14}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
2786 \SE@MapDeclare{iso-8859-14}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
2787 \SE@MapDeclare{iso-8859-14}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
2788 \SE@MapDeclare{iso-8859-14}{D7}{1E6A}% LATIN CAPITAL LETTER T WITH DOT ABOVE  
2789 \SE@MapDeclare{iso-8859-14}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
2790 \SE@MapDeclare{iso-8859-14}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
2791 \SE@MapDeclare{iso-8859-14}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
2792 \SE@MapDeclare{iso-8859-14}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2793 \SE@MapDeclare{iso-8859-14}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2794 \SE@MapDeclare{iso-8859-14}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
2795 \SE@MapDeclare{iso-8859-14}{DE}{0176}% LATIN CAPITAL LETTER Y WITH CIRCUMFLEX  
2796 \SE@MapDeclare{iso-8859-14}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
2797 \SE@MapDeclare{iso-8859-14}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
2798 \SE@MapDeclare{iso-8859-14}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2799 \SE@MapDeclare{iso-8859-14}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2800 \SE@MapDeclare{iso-8859-14}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
2801 \SE@MapDeclare{iso-8859-14}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2802 \SE@MapDeclare{iso-8859-14}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
2803 \SE@MapDeclare{iso-8859-14}{E6}{00E6}% LATIN SMALL LETTER AE  
2804 \SE@MapDeclare{iso-8859-14}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
2805 \SE@MapDeclare{iso-8859-14}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
2806 \SE@MapDeclare{iso-8859-14}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
2807 \SE@MapDeclare{iso-8859-14}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
2808 \SE@MapDeclare{iso-8859-14}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
2809 \SE@MapDeclare{iso-8859-14}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
2810 \SE@MapDeclare{iso-8859-14}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
2811 \SE@MapDeclare{iso-8859-14}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
2812 \SE@MapDeclare{iso-8859-14}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
2813 \SE@MapDeclare{iso-8859-14}{F0}{0175}% LATIN SMALL LETTER W WITH CIRCUMFLEX  
2814 \SE@MapDeclare{iso-8859-14}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
2815 \SE@MapDeclare{iso-8859-14}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
2816 \SE@MapDeclare{iso-8859-14}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
2817 \SE@MapDeclare{iso-8859-14}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
2818 \SE@MapDeclare{iso-8859-14}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE

2819 \SE@MapDeclare{iso-8859-14}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2820 \SE@MapDeclare{iso-8859-14}{F7}{1E6B}% LATIN SMALL LETTER T WITH DOT ABOVE  
 2821 \SE@MapDeclare{iso-8859-14}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2822 \SE@MapDeclare{iso-8859-14}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2823 \SE@MapDeclare{iso-8859-14}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2824 \SE@MapDeclare{iso-8859-14}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2825 \SE@MapDeclare{iso-8859-14}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2826 \SE@MapDeclare{iso-8859-14}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2827 \SE@MapDeclare{iso-8859-14}{FE}{0177}% LATIN SMALL LETTER Y WITH CIRCUMFLEX  
 2828 \SE@MapDeclare{iso-8859-14}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2829 </iso - 8859 - 14>

## iso-8859-15

2830 <\*iso - 8859 - 15>  
 2831 \SE@MapDeclare{iso-8859-15}{A0}{00A0}% NO-BREAK SPACE  
 2832 \SE@MapDeclare{iso-8859-15}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 2833 \SE@MapDeclare{iso-8859-15}{A2}{00A2}% CENT SIGN  
 2834 \SE@MapDeclare{iso-8859-15}{A3}{00A3}% POUND SIGN  
 2835 \SE@MapDeclare{iso-8859-15}{A4}{20AC}% EURO SIGN  
 2836 \SE@MapDeclare{iso-8859-15}{A5}{00A5}% YEN SIGN  
 2837 \SE@MapDeclare{iso-8859-15}{A6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2838 \SE@MapDeclare{iso-8859-15}{A7}{00A7}% SECTION SIGN  
 2839 \SE@MapDeclare{iso-8859-15}{A8}{0161}% LATIN SMALL LETTER S WITH CARON  
 2840 \SE@MapDeclare{iso-8859-15}{A9}{00A9}% COPYRIGHT SIGN  
 2841 \SE@MapDeclare{iso-8859-15}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
 2842 \SE@MapDeclare{iso-8859-15}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2843 \SE@MapDeclare{iso-8859-15}{AC}{00AC}% NOT SIGN  
 2844 \SE@MapDeclare{iso-8859-15}{AD}{00AD}% SOFT HYPHEN  
 2845 \SE@MapDeclare{iso-8859-15}{AE}{00AE}% REGISTERED SIGN  
 2846 \SE@MapDeclare{iso-8859-15}{AF}{00AF}% MACRON  
 2847 \SE@MapDeclare{iso-8859-15}{B0}{00B0}% DEGREE SIGN  
 2848 \SE@MapDeclare{iso-8859-15}{B1}{00B1}% PLUS-MINUS SIGN  
 2849 \SE@MapDeclare{iso-8859-15}{B2}{00B2}% SUPERScript TWO  
 2850 \SE@MapDeclare{iso-8859-15}{B3}{00B3}% SUPERScript THREE  
 2851 \SE@MapDeclare{iso-8859-15}{B4}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2852 \SE@MapDeclare{iso-8859-15}{B5}{00B5}% MICRO SIGN  
 2853 \SE@MapDeclare{iso-8859-15}{B6}{00B6}% PILCROW SIGN  
 2854 \SE@MapDeclare{iso-8859-15}{B7}{00B7}% MIDDLE DOT  
 2855 \SE@MapDeclare{iso-8859-15}{B8}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2856 \SE@MapDeclare{iso-8859-15}{B9}{00B9}% SUPERScript ONE  
 2857 \SE@MapDeclare{iso-8859-15}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
 2858 \SE@MapDeclare{iso-8859-15}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2859 \SE@MapDeclare{iso-8859-15}{BC}{0152}% LATIN CAPITAL LIGATURE OE  
 2860 \SE@MapDeclare{iso-8859-15}{BD}{0153}% LATIN SMALL LIGATURE OE  
 2861 \SE@MapDeclare{iso-8859-15}{BE}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 2862 \SE@MapDeclare{iso-8859-15}{BF}{00BF}% INVERTED QUESTION MARK  
 2863 \SE@MapDeclare{iso-8859-15}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2864 \SE@MapDeclare{iso-8859-15}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2865 \SE@MapDeclare{iso-8859-15}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2866 \SE@MapDeclare{iso-8859-15}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2867 \SE@MapDeclare{iso-8859-15}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2868 \SE@MapDeclare{iso-8859-15}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2869 \SE@MapDeclare{iso-8859-15}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2870 \SE@MapDeclare{iso-8859-15}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2871 \SE@MapDeclare{iso-8859-15}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2872 \SE@MapDeclare{iso-8859-15}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2873 \SE@MapDeclare{iso-8859-15}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2874 \SE@MapDeclare{iso-8859-15}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2875 \SE@MapDeclare{iso-8859-15}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2876 \SE@MapDeclare{iso-8859-15}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2877 \SE@MapDeclare{iso-8859-15}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2878 \SE@MapDeclare{iso-8859-15}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2879 \SE@MapDeclare{iso-8859-15}{D0}{00D0}% LATIN CAPITAL LETTER ETH  
 2880 \SE@MapDeclare{iso-8859-15}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2881 \SE@MapDeclare{iso-8859-15}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2882 \SE@MapDeclare{iso-8859-15}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2883 \SE@MapDeclare{iso-8859-15}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2884 \SE@MapDeclare{iso-8859-15}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2885 \SE@MapDeclare{iso-8859-15}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2886 \SE@MapDeclare{iso-8859-15}{D7}{00D7}% MULTIPLICATION SIGN  
 2887 \SE@MapDeclare{iso-8859-15}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2888 \SE@MapDeclare{iso-8859-15}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2889 \SE@MapDeclare{iso-8859-15}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2890 \SE@MapDeclare{iso-8859-15}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2891 \SE@MapDeclare{iso-8859-15}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2892 \SE@MapDeclare{iso-8859-15}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 2893 \SE@MapDeclare{iso-8859-15}{DE}{00DE}% LATIN CAPITAL LETTER THORN  
 2894 \SE@MapDeclare{iso-8859-15}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2895 \SE@MapDeclare{iso-8859-15}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 2896 \SE@MapDeclare{iso-8859-15}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2897 \SE@MapDeclare{iso-8859-15}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2898 \SE@MapDeclare{iso-8859-15}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2899 \SE@MapDeclare{iso-8859-15}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2900 \SE@MapDeclare{iso-8859-15}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE



2901 \SE@MapDeclare{iso-8859-15}{E6}{00E6}% LATIN SMALL LETTER AE  
 2902 \SE@MapDeclare{iso-8859-15}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 2903 \SE@MapDeclare{iso-8859-15}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 2904 \SE@MapDeclare{iso-8859-15}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2905 \SE@MapDeclare{iso-8859-15}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 2906 \SE@MapDeclare{iso-8859-15}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2907 \SE@MapDeclare{iso-8859-15}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 2908 \SE@MapDeclare{iso-8859-15}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2909 \SE@MapDeclare{iso-8859-15}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2910 \SE@MapDeclare{iso-8859-15}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2911 \SE@MapDeclare{iso-8859-15}{F0}{00F0}% LATIN SMALL LETTER ETH  
 2912 \SE@MapDeclare{iso-8859-15}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 2913 \SE@MapDeclare{iso-8859-15}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 2914 \SE@MapDeclare{iso-8859-15}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2915 \SE@MapDeclare{iso-8859-15}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2916 \SE@MapDeclare{iso-8859-15}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2917 \SE@MapDeclare{iso-8859-15}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2918 \SE@MapDeclare{iso-8859-15}{F7}{00F7}% DIVISION SIGN  
 2919 \SE@MapDeclare{iso-8859-15}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2920 \SE@MapDeclare{iso-8859-15}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2921 \SE@MapDeclare{iso-8859-15}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2922 \SE@MapDeclare{iso-8859-15}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2923 \SE@MapDeclare{iso-8859-15}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2924 \SE@MapDeclare{iso-8859-15}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2925 \SE@MapDeclare{iso-8859-15}{FE}{00FE}% LATIN SMALL LETTER THORN  
 2926 \SE@MapDeclare{iso-8859-15}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2927 </iso-8859-15>

## iso-8859-16

2928 <\*iso-8859-16>  
 2929 \SE@MapDeclare{iso-8859-16}{A0}{00A0}% NO-BREAK SPACE  
 2930 \SE@MapDeclare{iso-8859-16}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2931 \SE@MapDeclare{iso-8859-16}{A2}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2932 \SE@MapDeclare{iso-8859-16}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 2933 \SE@MapDeclare{iso-8859-16}{A4}{20AC}% EURO SIGN  
 2934 \SE@MapDeclare{iso-8859-16}{A5}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 2935 \SE@MapDeclare{iso-8859-16}{A6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2936 \SE@MapDeclare{iso-8859-16}{A7}{00A7}% SECTION SIGN  
 2937 \SE@MapDeclare{iso-8859-16}{A8}{0161}% LATIN SMALL LETTER S WITH CARON  
 2938 \SE@MapDeclare{iso-8859-16}{A9}{00A9}% COPYRIGHT SIGN  
 2939 \SE@MapDeclare{iso-8859-16}{AA}{0218}% LATIN CAPITAL LETTER S WITH COMMA BELOW  
 2940 \SE@MapDeclare{iso-8859-16}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2941 \SE@MapDeclare{iso-8859-16}{AC}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 2942 \SE@MapDeclare{iso-8859-16}{AD}{00AD}% SOFT HYPHEN  
 2943 \SE@MapDeclare{iso-8859-16}{AE}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 2944 \SE@MapDeclare{iso-8859-16}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 2945 \SE@MapDeclare{iso-8859-16}{B0}{00B0}% DEGREE SIGN  
 2946 \SE@MapDeclare{iso-8859-16}{B1}{00B1}% PLUS-MINUS SIGN  
 2947 \SE@MapDeclare{iso-8859-16}{B2}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2948 \SE@MapDeclare{iso-8859-16}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
 2949 \SE@MapDeclare{iso-8859-16}{B4}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2950 \SE@MapDeclare{iso-8859-16}{B5}{201D}% RIGHT DOUBLE QUOTATION MARK  
 2951 \SE@MapDeclare{iso-8859-16}{B6}{00B6}% PILCROW SIGN  
 2952 \SE@MapDeclare{iso-8859-16}{B7}{00B7}% MIDDLE DOT  
 2953 \SE@MapDeclare{iso-8859-16}{B8}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2954 \SE@MapDeclare{iso-8859-16}{B9}{010D}% LATIN SMALL LETTER C WITH CARON  
 2955 \SE@MapDeclare{iso-8859-16}{BA}{0219}% LATIN SMALL LETTER S WITH COMMA BELOW  
 2956 \SE@MapDeclare{iso-8859-16}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2957 \SE@MapDeclare{iso-8859-16}{BC}{0152}% LATIN CAPITAL LIGATURE OE  
 2958 \SE@MapDeclare{iso-8859-16}{BD}{0153}% LATIN SMALL LIGATURE OE  
 2959 \SE@MapDeclare{iso-8859-16}{BE}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 2960 \SE@MapDeclare{iso-8859-16}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 2961 \SE@MapDeclare{iso-8859-16}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2962 \SE@MapDeclare{iso-8859-16}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2963 \SE@MapDeclare{iso-8859-16}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2964 \SE@MapDeclare{iso-8859-16}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 2965 \SE@MapDeclare{iso-8859-16}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2966 \SE@MapDeclare{iso-8859-16}{C5}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 2967 \SE@MapDeclare{iso-8859-16}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2968 \SE@MapDeclare{iso-8859-16}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2969 \SE@MapDeclare{iso-8859-16}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2970 \SE@MapDeclare{iso-8859-16}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2971 \SE@MapDeclare{iso-8859-16}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2972 \SE@MapDeclare{iso-8859-16}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2973 \SE@MapDeclare{iso-8859-16}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2974 \SE@MapDeclare{iso-8859-16}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2975 \SE@MapDeclare{iso-8859-16}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2976 \SE@MapDeclare{iso-8859-16}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2977 \SE@MapDeclare{iso-8859-16}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 2978 \SE@MapDeclare{iso-8859-16}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 2979 \SE@MapDeclare{iso-8859-16}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2980 \SE@MapDeclare{iso-8859-16}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2981 \SE@MapDeclare{iso-8859-16}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2982 \SE@MapDeclare{iso-8859-16}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE

2983 \SE@MapDeclare{iso-8859-16}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
2984 \SE@MapDeclare{iso-8859-16}{D7}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
2985 \SE@MapDeclare{iso-8859-16}{D8}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
2986 \SE@MapDeclare{iso-8859-16}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
2987 \SE@MapDeclare{iso-8859-16}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
2988 \SE@MapDeclare{iso-8859-16}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2989 \SE@MapDeclare{iso-8859-16}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2990 \SE@MapDeclare{iso-8859-16}{DD}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
2991 \SE@MapDeclare{iso-8859-16}{DE}{021A}% LATIN CAPITAL LETTER T WITH COMMA BELOW  
2992 \SE@MapDeclare{iso-8859-16}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
2993 \SE@MapDeclare{iso-8859-16}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
2994 \SE@MapDeclare{iso-8859-16}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2995 \SE@MapDeclare{iso-8859-16}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2996 \SE@MapDeclare{iso-8859-16}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
2997 \SE@MapDeclare{iso-8859-16}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2998 \SE@MapDeclare{iso-8859-16}{E5}{0107}% LATIN SMALL LETTER C WITH ACUTE  
2999 \SE@MapDeclare{iso-8859-16}{E6}{00E6}% LATIN SMALL LETTER AE  
3000 \SE@MapDeclare{iso-8859-16}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
3001 \SE@MapDeclare{iso-8859-16}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
3002 \SE@MapDeclare{iso-8859-16}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
3003 \SE@MapDeclare{iso-8859-16}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
3004 \SE@MapDeclare{iso-8859-16}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
3005 \SE@MapDeclare{iso-8859-16}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
3006 \SE@MapDeclare{iso-8859-16}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
3007 \SE@MapDeclare{iso-8859-16}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
3008 \SE@MapDeclare{iso-8859-16}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
3009 \SE@MapDeclare{iso-8859-16}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
3010 \SE@MapDeclare{iso-8859-16}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
3011 \SE@MapDeclare{iso-8859-16}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
3012 \SE@MapDeclare{iso-8859-16}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
3013 \SE@MapDeclare{iso-8859-16}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
3014 \SE@MapDeclare{iso-8859-16}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
3015 \SE@MapDeclare{iso-8859-16}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
3016 \SE@MapDeclare{iso-8859-16}{F7}{015B}% LATIN SMALL LETTER S WITH ACUTE  
3017 \SE@MapDeclare{iso-8859-16}{F8}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
3018 \SE@MapDeclare{iso-8859-16}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
3019 \SE@MapDeclare{iso-8859-16}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
3020 \SE@MapDeclare{iso-8859-16}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
3021 \SE@MapDeclare{iso-8859-16}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
3022 \SE@MapDeclare{iso-8859-16}{FD}{0119}% LATIN SMALL LETTER E WITH OGONEK  
3023 \SE@MapDeclare{iso-8859-16}{FE}{021B}% LATIN SMALL LETTER T WITH COMMA BELOW  
3024 \SE@MapDeclare{iso-8859-16}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
3025 \SE@MapDeclare{iso-8859-16}

## koi8-r

3026 \SE@MapDeclare{koi8-r}{80}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
3027 \SE@MapDeclare{koi8-r}{81}{2502}% BOX DRAWINGS LIGHT VERTICAL  
3028 \SE@MapDeclare{koi8-r}{82}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
3029 \SE@MapDeclare{koi8-r}{83}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
3030 \SE@MapDeclare{koi8-r}{84}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
3031 \SE@MapDeclare{koi8-r}{85}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
3032 \SE@MapDeclare{koi8-r}{86}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
3033 \SE@MapDeclare{koi8-r}{87}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
3034 \SE@MapDeclare{koi8-r}{88}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
3035 \SE@MapDeclare{koi8-r}{89}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
3036 \SE@MapDeclare{koi8-r}{8A}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
3037 \SE@MapDeclare{koi8-r}{8B}{2580}% UPPER HALF BLOCK  
3038 \SE@MapDeclare{koi8-r}{8C}{2584}% LOWER HALF BLOCK  
3039 \SE@MapDeclare{koi8-r}{8D}{2588}% FULL BLOCK  
3040 \SE@MapDeclare{koi8-r}{8E}{258C}% LEFT HALF BLOCK  
3041 \SE@MapDeclare{koi8-r}{8F}{2590}% RIGHT HALF BLOCK  
3042 \SE@MapDeclare{koi8-r}{90}{2591}% LIGHT SHADE  
3043 \SE@MapDeclare{koi8-r}{91}{2592}% MEDIUM SHADE  
3044 \SE@MapDeclare{koi8-r}{92}{2593}% DARK SHADE  
3045 \SE@MapDeclare{koi8-r}{93}{2320}% TOP HALF INTEGRAL  
3046 \SE@MapDeclare{koi8-r}{94}{25A0}% BLACK SQUARE  
3047 \SE@MapDeclare{koi8-r}{95}{2219}% BULLET OPERATOR  
3048 \SE@MapDeclare{koi8-r}{96}{221A}% SQUARE ROOT  
3049 \SE@MapDeclare{koi8-r}{97}{2248}% ALMOST EQUAL TO  
3050 \SE@MapDeclare{koi8-r}{98}{2264}% LESS-THAN OR EQUAL TO  
3051 \SE@MapDeclare{koi8-r}{99}{2265}% GREATER-THAN OR EQUAL TO  
3052 \SE@MapDeclare{koi8-r}{9A}{00A0}% NO-BREAK SPACE  
3053 \SE@MapDeclare{koi8-r}{9B}{2321}% BOTTOM HALF INTEGRAL  
3054 \SE@MapDeclare{koi8-r}{9C}{00B0}% DEGREE SIGN  
3055 \SE@MapDeclare{koi8-r}{9D}{00B2}% SUPERScript TWO  
3056 \SE@MapDeclare{koi8-r}{9E}{00B7}% MIDDLE DOT  
3057 \SE@MapDeclare{koi8-r}{9F}{00F7}% DIVISION SIGN  
3058 \SE@MapDeclare{koi8-r}{A0}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
3059 \SE@MapDeclare{koi8-r}{A1}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
3060 \SE@MapDeclare{koi8-r}{A2}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
3061 \SE@MapDeclare{koi8-r}{A3}{0451}% CYRILLIC SMALL LETTER IO  
3062 \SE@MapDeclare{koi8-r}{A4}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
3063 \SE@MapDeclare{koi8-r}{A5}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT

3065 \SE@MapDeclare{koi8-r}{A6}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
3066 \SE@MapDeclare{koi8-r}{A7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
3067 \SE@MapDeclare{koi8-r}{A8}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
3068 \SE@MapDeclare{koi8-r}{A9}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
3069 \SE@MapDeclare{koi8-r}{AA}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
3070 \SE@MapDeclare{koi8-r}{AB}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
3071 \SE@MapDeclare{koi8-r}{AC}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
3072 \SE@MapDeclare{koi8-r}{AD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
3073 \SE@MapDeclare{koi8-r}{AE}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
3074 \SE@MapDeclare{koi8-r}{AF}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
3075 \SE@MapDeclare{koi8-r}{B0}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
3076 \SE@MapDeclare{koi8-r}{B1}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
3077 \SE@MapDeclare{koi8-r}{B2}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
3078 \SE@MapDeclare{koi8-r}{B3}{0401}% CYRILLIC CAPITAL LETTER IO  
3079 \SE@MapDeclare{koi8-r}{B4}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
3080 \SE@MapDeclare{koi8-r}{B5}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
3081 \SE@MapDeclare{koi8-r}{B6}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
3082 \SE@MapDeclare{koi8-r}{B7}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
3083 \SE@MapDeclare{koi8-r}{B8}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
3084 \SE@MapDeclare{koi8-r}{B9}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
3085 \SE@MapDeclare{koi8-r}{BA}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
3086 \SE@MapDeclare{koi8-r}{BB}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
3087 \SE@MapDeclare{koi8-r}{BC}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
3088 \SE@MapDeclare{koi8-r}{BD}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
3089 \SE@MapDeclare{koi8-r}{BE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
3090 \SE@MapDeclare{koi8-r}{BF}{00A9}% COPYRIGHT SIGN  
3091 \SE@MapDeclare{koi8-r}{C0}{044E}% CYRILLIC SMALL LETTER YU  
3092 \SE@MapDeclare{koi8-r}{C1}{0430}% CYRILLIC SMALL LETTER A  
3093 \SE@MapDeclare{koi8-r}{C2}{0431}% CYRILLIC SMALL LETTER BE  
3094 \SE@MapDeclare{koi8-r}{C3}{0446}% CYRILLIC SMALL LETTER TSE  
3095 \SE@MapDeclare{koi8-r}{C4}{0434}% CYRILLIC SMALL LETTER DE  
3096 \SE@MapDeclare{koi8-r}{C5}{0435}% CYRILLIC SMALL LETTER IE  
3097 \SE@MapDeclare{koi8-r}{C6}{0444}% CYRILLIC SMALL LETTER EF  
3098 \SE@MapDeclare{koi8-r}{C7}{0433}% CYRILLIC SMALL LETTER GHE  
3099 \SE@MapDeclare{koi8-r}{C8}{0445}% CYRILLIC SMALL LETTER HA  
3100 \SE@MapDeclare{koi8-r}{C9}{0438}% CYRILLIC SMALL LETTER I  
3101 \SE@MapDeclare{koi8-r}{CA}{0439}% CYRILLIC SMALL LETTER SHORT I  
3102 \SE@MapDeclare{koi8-r}{CB}{043A}% CYRILLIC SMALL LETTER KA  
3103 \SE@MapDeclare{koi8-r}{CC}{043B}% CYRILLIC SMALL LETTER EL  
3104 \SE@MapDeclare{koi8-r}{CD}{043C}% CYRILLIC SMALL LETTER EM  
3105 \SE@MapDeclare{koi8-r}{CE}{043D}% CYRILLIC SMALL LETTER EN  
3106 \SE@MapDeclare{koi8-r}{CF}{043E}% CYRILLIC SMALL LETTER O  
3107 \SE@MapDeclare{koi8-r}{D0}{043F}% CYRILLIC SMALL LETTER PE  
3108 \SE@MapDeclare{koi8-r}{D1}{044F}% CYRILLIC SMALL LETTER YA  
3109 \SE@MapDeclare{koi8-r}{D2}{0440}% CYRILLIC SMALL LETTER ER  
3110 \SE@MapDeclare{koi8-r}{D3}{0441}% CYRILLIC SMALL LETTER ES  
3111 \SE@MapDeclare{koi8-r}{D4}{0442}% CYRILLIC SMALL LETTER TE  
3112 \SE@MapDeclare{koi8-r}{D5}{0443}% CYRILLIC SMALL LETTER U  
3113 \SE@MapDeclare{koi8-r}{D6}{0436}% CYRILLIC SMALL LETTER ZHE  
3114 \SE@MapDeclare{koi8-r}{D7}{0432}% CYRILLIC SMALL LETTER VE  
3115 \SE@MapDeclare{koi8-r}{D8}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
3116 \SE@MapDeclare{koi8-r}{D9}{044B}% CYRILLIC SMALL LETTER YERU  
3117 \SE@MapDeclare{koi8-r}{DA}{0437}% CYRILLIC SMALL LETTER ZE  
3118 \SE@MapDeclare{koi8-r}{DB}{0448}% CYRILLIC SMALL LETTER SHA  
3119 \SE@MapDeclare{koi8-r}{DC}{044D}% CYRILLIC SMALL LETTER E  
3120 \SE@MapDeclare{koi8-r}{DD}{0449}% CYRILLIC SMALL LETTER SHCHA  
3121 \SE@MapDeclare{koi8-r}{DE}{0447}% CYRILLIC SMALL LETTER CHE  
3122 \SE@MapDeclare{koi8-r}{DF}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
3123 \SE@MapDeclare{koi8-r}{E0}{042E}% CYRILLIC CAPITAL LETTER YU  
3124 \SE@MapDeclare{koi8-r}{E1}{0410}% CYRILLIC CAPITAL LETTER A  
3125 \SE@MapDeclare{koi8-r}{E2}{0411}% CYRILLIC CAPITAL LETTER BE  
3126 \SE@MapDeclare{koi8-r}{E3}{0426}% CYRILLIC CAPITAL LETTER TSE  
3127 \SE@MapDeclare{koi8-r}{E4}{0414}% CYRILLIC CAPITAL LETTER DE  
3128 \SE@MapDeclare{koi8-r}{E5}{0415}% CYRILLIC CAPITAL LETTER IE  
3129 \SE@MapDeclare{koi8-r}{E6}{0424}% CYRILLIC CAPITAL LETTER EF  
3130 \SE@MapDeclare{koi8-r}{E7}{0413}% CYRILLIC CAPITAL LETTER GHE  
3131 \SE@MapDeclare{koi8-r}{E8}{0425}% CYRILLIC CAPITAL LETTER HA  
3132 \SE@MapDeclare{koi8-r}{E9}{0418}% CYRILLIC CAPITAL LETTER I  
3133 \SE@MapDeclare{koi8-r}{EA}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
3134 \SE@MapDeclare{koi8-r}{EB}{041A}% CYRILLIC CAPITAL LETTER KA  
3135 \SE@MapDeclare{koi8-r}{EC}{041B}% CYRILLIC CAPITAL LETTER EL  
3136 \SE@MapDeclare{koi8-r}{ED}{041C}% CYRILLIC CAPITAL LETTER EM  
3137 \SE@MapDeclare{koi8-r}{EE}{041D}% CYRILLIC CAPITAL LETTER EN  
3138 \SE@MapDeclare{koi8-r}{EF}{041E}% CYRILLIC CAPITAL LETTER O  
3139 \SE@MapDeclare{koi8-r}{F0}{041F}% CYRILLIC CAPITAL LETTER PE  
3140 \SE@MapDeclare{koi8-r}{F1}{042F}% CYRILLIC CAPITAL LETTER YA  
3141 \SE@MapDeclare{koi8-r}{F2}{0420}% CYRILLIC CAPITAL LETTER ER  
3142 \SE@MapDeclare{koi8-r}{F3}{0421}% CYRILLIC CAPITAL LETTER ES  
3143 \SE@MapDeclare{koi8-r}{F4}{0422}% CYRILLIC CAPITAL LETTER TE  
3144 \SE@MapDeclare{koi8-r}{F5}{0423}% CYRILLIC CAPITAL LETTER U  
3145 \SE@MapDeclare{koi8-r}{F6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
3146 \SE@MapDeclare{koi8-r}{F7}{0412}% CYRILLIC CAPITAL LETTER VE  
3147 \SE@MapDeclare{koi8-r}{F8}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
3148 \SE@MapDeclare{koi8-r}{F9}{042B}% CYRILLIC CAPITAL LETTER YERU  
3149 \SE@MapDeclare{koi8-r}{FA}{0417}% CYRILLIC CAPITAL LETTER ZE  
3150 \SE@MapDeclare{koi8-r}{FB}{0428}% CYRILLIC CAPITAL LETTER SHA

3151 \SE@MapDeclare{koi8-r}{FC}{042D}% CYRILLIC CAPITAL LETTER E  
 3152 \SE@MapDeclare{koi8-r}{FD}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 3153 \SE@MapDeclare{koi8-r}{FE}{0427}% CYRILLIC CAPITAL LETTER CHE  
 3154 \SE@MapDeclare{koi8-r}{FF}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 3155 \koi8 - r)

## nextstep

3156 \\*nextstep)  
 3157 \SE@MapDeclare{nextstep}{80}{00A0}% NO-BREAK SPACE  
 3158 \SE@MapDeclare{nextstep}{81}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3159 \SE@MapDeclare{nextstep}{82}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3160 \SE@MapDeclare{nextstep}{83}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3161 \SE@MapDeclare{nextstep}{84}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3162 \SE@MapDeclare{nextstep}{85}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3163 \SE@MapDeclare{nextstep}{86}{00C5}% LATIN CAPITAL LETTER A WITH RING  
 3164 \SE@MapDeclare{nextstep}{87}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3165 \SE@MapDeclare{nextstep}{88}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 3166 \SE@MapDeclare{nextstep}{89}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3167 \SE@MapDeclare{nextstep}{8A}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3168 \SE@MapDeclare{nextstep}{8B}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3169 \SE@MapDeclare{nextstep}{8C}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 3170 \SE@MapDeclare{nextstep}{8D}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3171 \SE@MapDeclare{nextstep}{8E}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3172 \SE@MapDeclare{nextstep}{8F}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 3173 \SE@MapDeclare{nextstep}{90}{00D0}% LATIN CAPITAL LETTER ETH  
 3174 \SE@MapDeclare{nextstep}{91}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3175 \SE@MapDeclare{nextstep}{92}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 3176 \SE@MapDeclare{nextstep}{93}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3177 \SE@MapDeclare{nextstep}{94}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3178 \SE@MapDeclare{nextstep}{95}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3179 \SE@MapDeclare{nextstep}{96}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3180 \SE@MapDeclare{nextstep}{97}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 3181 \SE@MapDeclare{nextstep}{98}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3182 \SE@MapDeclare{nextstep}{99}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3183 \SE@MapDeclare{nextstep}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3184 \SE@MapDeclare{nextstep}{9B}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 3185 \SE@MapDeclare{nextstep}{9C}{00DE}% LATIN CAPITAL LETTER THORN  
 3186 \SE@MapDeclare{nextstep}{9D}{00B5}% MICRO SIGN  
 3187 \SE@MapDeclare{nextstep}{9E}{00D7}% MULTIPLICATION SIGN  
 3188 \SE@MapDeclare{nextstep}{9F}{00F7}% DIVISION SIGN  
 3189 \SE@MapDeclare{nextstep}{A0}{00A9}% COPYRIGHT SIGN  
 3190 \SE@MapDeclare{nextstep}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 3191 \SE@MapDeclare{nextstep}{A2}{00A2}% CENT SIGN  
 3192 \SE@MapDeclare{nextstep}{A3}{00A3}% POUND SIGN  
 3193 \SE@MapDeclare{nextstep}{A4}{2044}% FRACTION SLASH  
 3194 \SE@MapDeclare{nextstep}{A5}{00A5}% YEN SIGN  
 3195 \SE@MapDeclare{nextstep}{A6}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3196 \SE@MapDeclare{nextstep}{A7}{00A7}% SECTION SIGN  
 3197 \SE@MapDeclare{nextstep}{A8}{00A4}% CURRENCY SIGN  
 3198 \SE@MapDeclare{nextstep}{A9}{2019}% RIGHT SINGLE QUOTATION MARK  
 3199 \SE@MapDeclare{nextstep}{AA}{201C}% LEFT DOUBLE QUOTATION MARK  
 3200 \SE@MapDeclare{nextstep}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3201 \SE@MapDeclare{nextstep}{AC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3202 \SE@MapDeclare{nextstep}{AD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3203 \SE@MapDeclare{nextstep}{AE}{FB01}% LATIN SMALL LIGATURE FI  
 3204 \SE@MapDeclare{nextstep}{AF}{FB02}% LATIN SMALL LIGATURE FL  
 3205 \SE@MapDeclare{nextstep}{B0}{00AE}% REGISTERED SIGN  
 3206 \SE@MapDeclare{nextstep}{B1}{2013}% EN DASH  
 3207 \SE@MapDeclare{nextstep}{B2}{2020}% DAGGER  
 3208 \SE@MapDeclare{nextstep}{B3}{2021}% DOUBLE DAGGER  
 3209 \SE@MapDeclare{nextstep}{B4}{00B7}% MIDDLE DOT  
 3210 \SE@MapDeclare{nextstep}{B5}{00A6}% BROKEN BAR  
 3211 \SE@MapDeclare{nextstep}{B6}{00B6}% PILCROW SIGN  
 3212 \SE@MapDeclare{nextstep}{B7}{2022}% BULLET  
 3213 \SE@MapDeclare{nextstep}{B8}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3214 \SE@MapDeclare{nextstep}{B9}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3215 \SE@MapDeclare{nextstep}{BA}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3216 \SE@MapDeclare{nextstep}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3217 \SE@MapDeclare{nextstep}{BC}{2026}% HORIZONTAL ELLIPSIS  
 3218 \SE@MapDeclare{nextstep}{BD}{2030}% PER MILLE SIGN  
 3219 \SE@MapDeclare{nextstep}{BE}{00AC}% NOT SIGN  
 3220 \SE@MapDeclare{nextstep}{BF}{00BF}% INVERTED QUESTION MARK  
 3221 \SE@MapDeclare{nextstep}{C0}{00B9}% SUPERScript ONE  
 3222 \SE@MapDeclare{nextstep}{C1}{02CB}% MODIFIER LETTER GRAVE ACCENT  
 3223 \SE@MapDeclare{nextstep}{C2}{00B4}% ACUTE ACCENT  
 3224 \SE@MapDeclare{nextstep}{C3}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT  
 3225 \SE@MapDeclare{nextstep}{C4}{02DC}% SMALL TILDE  
 3226 \SE@MapDeclare{nextstep}{C5}{00AF}% MACRON  
 3227 \SE@MapDeclare{nextstep}{C6}{02D8}% BREVE  
 3228 \SE@MapDeclare{nextstep}{C7}{02D9}% DOT ABOVE  
 3229 \SE@MapDeclare{nextstep}{C8}{00A8}% DIAERESIS  
 3230 \SE@MapDeclare{nextstep}{C9}{00B2}% SUPERScript TWO  
 3231 \SE@MapDeclare{nextstep}{CA}{02DA}% RING ABOVE  
 3232 \SE@MapDeclare{nextstep}{CB}{00B8}% CEDILLA

3233 \SE@MapDeclare{nextstep}{CC}{00B3}% SUPERSCRIPT THREE  
 3234 \SE@MapDeclare{nextstep}{CD}{02DD}% DOUBLE ACUTE ACCENT  
 3235 \SE@MapDeclare{nextstep}{CE}{02DB}% OGONEK  
 3236 \SE@MapDeclare{nextstep}{CF}{02C7}% CARON  
 3237 \SE@MapDeclare{nextstep}{D0}{2014}% EM DASH  
 3238 \SE@MapDeclare{nextstep}{D1}{00B1}% PLUS-MINUS SIGN  
 3239 \SE@MapDeclare{nextstep}{D2}{00BC}% VULGAR FRACTION ONE QUARTER  
 3240 \SE@MapDeclare{nextstep}{D3}{00BD}% VULGAR FRACTION ONE HALF  
 3241 \SE@MapDeclare{nextstep}{D4}{00BE}% VULGAR FRACTION THREE QUARTERS  
 3242 \SE@MapDeclare{nextstep}{D5}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3243 \SE@MapDeclare{nextstep}{D6}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3244 \SE@MapDeclare{nextstep}{D7}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3245 \SE@MapDeclare{nextstep}{D8}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3246 \SE@MapDeclare{nextstep}{D9}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3247 \SE@MapDeclare{nextstep}{DA}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3248 \SE@MapDeclare{nextstep}{DB}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3249 \SE@MapDeclare{nextstep}{DC}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3250 \SE@MapDeclare{nextstep}{DD}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3251 \SE@MapDeclare{nextstep}{DE}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3252 \SE@MapDeclare{nextstep}{DF}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3253 \SE@MapDeclare{nextstep}{E0}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3254 \SE@MapDeclare{nextstep}{E1}{00C6}% LATIN CAPITAL LETTER AE  
 3255 \SE@MapDeclare{nextstep}{E2}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3256 \SE@MapDeclare{nextstep}{E3}{00AA}% FEMININE ORDINAL INDICATOR  
 3257 \SE@MapDeclare{nextstep}{E4}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3258 \SE@MapDeclare{nextstep}{E5}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3259 \SE@MapDeclare{nextstep}{E6}{00F0}% LATIN SMALL LETTER ETH  
 3260 \SE@MapDeclare{nextstep}{E7}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3261 \SE@MapDeclare{nextstep}{E8}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 3262 \SE@MapDeclare{nextstep}{E9}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3263 \SE@MapDeclare{nextstep}{EA}{0152}% LATIN CAPITAL LIGATURE OE  
 3264 \SE@MapDeclare{nextstep}{EB}{00BA}% MASCULINE ORDINAL INDICATOR  
 3265 \SE@MapDeclare{nextstep}{EC}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3266 \SE@MapDeclare{nextstep}{ED}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3267 \SE@MapDeclare{nextstep}{EE}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3268 \SE@MapDeclare{nextstep}{EF}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3269 \SE@MapDeclare{nextstep}{F0}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3270 \SE@MapDeclare{nextstep}{F1}{00E6}% LATIN SMALL LETTER AE  
 3271 \SE@MapDeclare{nextstep}{F2}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3272 \SE@MapDeclare{nextstep}{F3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3273 \SE@MapDeclare{nextstep}{F4}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3274 \SE@MapDeclare{nextstep}{F5}{0131}% LATIN SMALL LETTER DOTLESS I  
 3275 \SE@MapDeclare{nextstep}{F6}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3276 \SE@MapDeclare{nextstep}{F7}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 3277 \SE@MapDeclare{nextstep}{F8}{0142}% LATIN SMALL LETTER L WITH STROKE  
 3278 \SE@MapDeclare{nextstep}{F9}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3279 \SE@MapDeclare{nextstep}{FA}{0153}% LATIN SMALL LIGATURE OE  
 3280 \SE@MapDeclare{nextstep}{FB}{00DF}% LATIN SMALL LETTER SHARP S  
 3281 \SE@MapDeclare{nextstep}{FC}{00FE}% LATIN SMALL LETTER THORN  
 3282 \SE@MapDeclare{nextstep}{FD}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3283 (/nextstep)

## mac-centeuro

3284 (\*mac – centeuro)  
 3285 \SE@MapDeclare{mac-centeuro}{80}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3286 \SE@MapDeclare{mac-centeuro}{81}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 3287 \SE@MapDeclare{mac-centeuro}{82}{0101}% LATIN SMALL LETTER A WITH MACRON  
 3288 \SE@MapDeclare{mac-centeuro}{83}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3289 \SE@MapDeclare{mac-centeuro}{84}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 3290 \SE@MapDeclare{mac-centeuro}{85}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3291 \SE@MapDeclare{mac-centeuro}{86}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3292 \SE@MapDeclare{mac-centeuro}{87}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3293 \SE@MapDeclare{mac-centeuro}{88}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 3294 \SE@MapDeclare{mac-centeuro}{89}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 3295 \SE@MapDeclare{mac-centeuro}{8A}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3296 \SE@MapDeclare{mac-centeuro}{8B}{010D}% LATIN SMALL LETTER C WITH CARON  
 3297 \SE@MapDeclare{mac-centeuro}{8C}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 3298 \SE@MapDeclare{mac-centeuro}{8D}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 3299 \SE@MapDeclare{mac-centeuro}{8E}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3300 \SE@MapDeclare{mac-centeuro}{8F}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 3301 \SE@MapDeclare{mac-centeuro}{90}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 3302 \SE@MapDeclare{mac-centeuro}{91}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 3303 \SE@MapDeclare{mac-centeuro}{92}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3304 \SE@MapDeclare{mac-centeuro}{93}{010F}% LATIN SMALL LETTER D WITH CARON  
 3305 \SE@MapDeclare{mac-centeuro}{94}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 3306 \SE@MapDeclare{mac-centeuro}{95}{0113}% LATIN SMALL LETTER E WITH MACRON  
 3307 \SE@MapDeclare{mac-centeuro}{96}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 3308 \SE@MapDeclare{mac-centeuro}{97}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3309 \SE@MapDeclare{mac-centeuro}{98}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 3310 \SE@MapDeclare{mac-centeuro}{99}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3311 \SE@MapDeclare{mac-centeuro}{9A}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3312 \SE@MapDeclare{mac-centeuro}{9B}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3313 \SE@MapDeclare{mac-centeuro}{9C}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3314 \SE@MapDeclare{mac-centeuro}{9D}{011A}% LATIN CAPITAL LETTER E WITH CARON

3315 \SE@MapDeclare{mac-centeuro}{9E}{011B}% LATIN SMALL LETTER E WITH CARON  
3316 \SE@MapDeclare{mac-centeuro}{9F}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
3317 \SE@MapDeclare{mac-centeuro}{A0}{2020}% DAGGER  
3318 \SE@MapDeclare{mac-centeuro}{A1}{00B0}% DEGREE SIGN  
3319 \SE@MapDeclare{mac-centeuro}{A2}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
3320 \SE@MapDeclare{mac-centeuro}{A3}{00A3}% POUND SIGN  
3321 \SE@MapDeclare{mac-centeuro}{A4}{00A7}% SECTION SIGN  
3322 \SE@MapDeclare{mac-centeuro}{A5}{2022}% BULLET  
3323 \SE@MapDeclare{mac-centeuro}{A6}{00B6}% PILCROW SIGN  
3324 \SE@MapDeclare{mac-centeuro}{A7}{00DF}% LATIN SMALL LETTER SHARP S  
3325 \SE@MapDeclare{mac-centeuro}{A8}{00AE}% REGISTERED SIGN  
3326 \SE@MapDeclare{mac-centeuro}{A9}{00A9}% COPYRIGHT SIGN  
3327 \SE@MapDeclare{mac-centeuro}{AA}{2122}% TRADE MARK SIGN  
3328 \SE@MapDeclare{mac-centeuro}{AB}{0119}% LATIN SMALL LETTER E WITH OGONEK  
3329 \SE@MapDeclare{mac-centeuro}{AC}{00A8}% DIAERESIS  
3330 \SE@MapDeclare{mac-centeuro}{AD}{2260}% NOT EQUAL TO  
3331 \SE@MapDeclare{mac-centeuro}{AE}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
3332 \SE@MapDeclare{mac-centeuro}{AF}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
3333 \SE@MapDeclare{mac-centeuro}{B0}{012F}% LATIN SMALL LETTER I WITH OGONEK  
3334 \SE@MapDeclare{mac-centeuro}{B1}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
3335 \SE@MapDeclare{mac-centeuro}{B2}{2264}% LESS-THAN OR EQUAL TO  
3336 \SE@MapDeclare{mac-centeuro}{B3}{2265}% GREATER-THAN OR EQUAL TO  
3337 \SE@MapDeclare{mac-centeuro}{B4}{012B}% LATIN SMALL LETTER I WITH MACRON  
3338 \SE@MapDeclare{mac-centeuro}{B5}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
3339 \SE@MapDeclare{mac-centeuro}{B6}{2202}% PARTIAL DIFFERENTIAL  
3340 \SE@MapDeclare{mac-centeuro}{B7}{2211}% N-ARY SUMMATION  
3341 \SE@MapDeclare{mac-centeuro}{B8}{0142}% LATIN SMALL LETTER L WITH STROKE  
3342 \SE@MapDeclare{mac-centeuro}{B9}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
3343 \SE@MapDeclare{mac-centeuro}{BA}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
3344 \SE@MapDeclare{mac-centeuro}{BB}{013D}% LATIN CAPITAL LETTER L WITH CARON  
3345 \SE@MapDeclare{mac-centeuro}{BC}{013E}% LATIN SMALL LETTER L WITH CARON  
3346 \SE@MapDeclare{mac-centeuro}{BD}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
3347 \SE@MapDeclare{mac-centeuro}{BE}{013A}% LATIN SMALL LETTER L WITH ACUTE  
3348 \SE@MapDeclare{mac-centeuro}{BF}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
3349 \SE@MapDeclare{mac-centeuro}{C0}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
3350 \SE@MapDeclare{mac-centeuro}{C1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
3351 \SE@MapDeclare{mac-centeuro}{C2}{00AC}% NOT SIGN  
3352 \SE@MapDeclare{mac-centeuro}{C3}{221A}% SQUARE ROOT  
3353 \SE@MapDeclare{mac-centeuro}{C4}{0144}% LATIN SMALL LETTER N WITH ACUTE  
3354 \SE@MapDeclare{mac-centeuro}{C5}{0147}% LATIN CAPITAL LETTER N WITH CARON  
3355 \SE@MapDeclare{mac-centeuro}{C6}{2206}% INCREMENT  
3356 \SE@MapDeclare{mac-centeuro}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
3357 \SE@MapDeclare{mac-centeuro}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
3358 \SE@MapDeclare{mac-centeuro}{C9}{2026}% HORIZONTAL ELLIPSIS  
3359 \SE@MapDeclare{mac-centeuro}{CA}{00A0}% NO-BREAK SPACE  
3360 \SE@MapDeclare{mac-centeuro}{CB}{0148}% LATIN SMALL LETTER N WITH CARON  
3361 \SE@MapDeclare{mac-centeuro}{CC}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
3362 \SE@MapDeclare{mac-centeuro}{CD}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
3363 \SE@MapDeclare{mac-centeuro}{CE}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
3364 \SE@MapDeclare{mac-centeuro}{CF}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
3365 \SE@MapDeclare{mac-centeuro}{D0}{2013}% EN DASH  
3366 \SE@MapDeclare{mac-centeuro}{D1}{2014}% EM DASH  
3367 \SE@MapDeclare{mac-centeuro}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
3368 \SE@MapDeclare{mac-centeuro}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
3369 \SE@MapDeclare{mac-centeuro}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
3370 \SE@MapDeclare{mac-centeuro}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
3371 \SE@MapDeclare{mac-centeuro}{D6}{00F7}% DIVISION SIGN  
3372 \SE@MapDeclare{mac-centeuro}{D7}{25CA}% LOZENGE  
3373 \SE@MapDeclare{mac-centeuro}{D8}{014D}% LATIN SMALL LETTER O WITH MACRON  
3374 \SE@MapDeclare{mac-centeuro}{D9}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
3375 \SE@MapDeclare{mac-centeuro}{DA}{0155}% LATIN SMALL LETTER R WITH ACUTE  
3376 \SE@MapDeclare{mac-centeuro}{DB}{0158}% LATIN CAPITAL LETTER R WITH CARON  
3377 \SE@MapDeclare{mac-centeuro}{DC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
3378 \SE@MapDeclare{mac-centeuro}{DD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
3379 \SE@MapDeclare{mac-centeuro}{DE}{0159}% LATIN SMALL LETTER R WITH CARON  
3380 \SE@MapDeclare{mac-centeuro}{DF}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
3381 \SE@MapDeclare{mac-centeuro}{E0}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
3382 \SE@MapDeclare{mac-centeuro}{E1}{0160}% LATIN CAPITAL LETTER S WITH CARON  
3383 \SE@MapDeclare{mac-centeuro}{E2}{201A}% SINGLE LOW-9 QUOTATION MARK  
3384 \SE@MapDeclare{mac-centeuro}{E3}{201E}% DOUBLE LOW-9 QUOTATION MARK  
3385 \SE@MapDeclare{mac-centeuro}{E4}{0161}% LATIN SMALL LETTER S WITH CARON  
3386 \SE@MapDeclare{mac-centeuro}{E5}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
3387 \SE@MapDeclare{mac-centeuro}{E6}{015B}% LATIN SMALL LETTER S WITH ACUTE  
3388 \SE@MapDeclare{mac-centeuro}{E7}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
3389 \SE@MapDeclare{mac-centeuro}{E8}{0164}% LATIN CAPITAL LETTER T WITH CARON  
3390 \SE@MapDeclare{mac-centeuro}{E9}{0165}% LATIN SMALL LETTER T WITH CARON  
3391 \SE@MapDeclare{mac-centeuro}{EA}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
3392 \SE@MapDeclare{mac-centeuro}{EB}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
3393 \SE@MapDeclare{mac-centeuro}{EC}{017E}% LATIN SMALL LETTER Z WITH CARON  
3394 \SE@MapDeclare{mac-centeuro}{ED}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
3395 \SE@MapDeclare{mac-centeuro}{EE}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
3396 \SE@MapDeclare{mac-centeuro}{EF}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
3397 \SE@MapDeclare{mac-centeuro}{F0}{016B}% LATIN SMALL LETTER U WITH MACRON  
3398 \SE@MapDeclare{mac-centeuro}{F1}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
3399 \SE@MapDeclare{mac-centeuro}{F2}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
3400 \SE@MapDeclare{mac-centeuro}{F3}{016F}% LATIN SMALL LETTER U WITH RING ABOVE

3401 \SE@MapDeclare{mac-centeuro}{F4}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 3402 \SE@MapDeclare{mac-centeuro}{F5}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 3403 \SE@MapDeclare{mac-centeuro}{F6}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 3404 \SE@MapDeclare{mac-centeuro}{F7}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 3405 \SE@MapDeclare{mac-centeuro}{F8}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 3406 \SE@MapDeclare{mac-centeuro}{F9}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 3407 \SE@MapDeclare{mac-centeuro}{FA}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 3408 \SE@MapDeclare{mac-centeuro}{FB}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 3409 \SE@MapDeclare{mac-centeuro}{FC}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 3410 \SE@MapDeclare{mac-centeuro}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 3411 \SE@MapDeclare{mac-centeuro}{FE}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 3412 \SE@MapDeclare{mac-centeuro}{FF}{02C7}% CARON  
 3413 \</mac – centeuro>

## mac-cyrillic

3414 <\*mac – cyrillic>  
 3415 \SE@MapDeclare{mac-cyrillic}{80}{0410}% CYRILLIC CAPITAL LETTER A  
 3416 \SE@MapDeclare{mac-cyrillic}{81}{0411}% CYRILLIC CAPITAL LETTER BE  
 3417 \SE@MapDeclare{mac-cyrillic}{82}{0412}% CYRILLIC CAPITAL LETTER VE  
 3418 \SE@MapDeclare{mac-cyrillic}{83}{0413}% CYRILLIC CAPITAL LETTER GHE  
 3419 \SE@MapDeclare{mac-cyrillic}{84}{0414}% CYRILLIC CAPITAL LETTER DE  
 3420 \SE@MapDeclare{mac-cyrillic}{85}{0415}% CYRILLIC CAPITAL LETTER IE  
 3421 \SE@MapDeclare{mac-cyrillic}{86}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 3422 \SE@MapDeclare{mac-cyrillic}{87}{0417}% CYRILLIC CAPITAL LETTER ZE  
 3423 \SE@MapDeclare{mac-cyrillic}{88}{0418}% CYRILLIC CAPITAL LETTER I  
 3424 \SE@MapDeclare{mac-cyrillic}{89}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 3425 \SE@MapDeclare{mac-cyrillic}{8A}{041A}% CYRILLIC CAPITAL LETTER KA  
 3426 \SE@MapDeclare{mac-cyrillic}{8B}{041B}% CYRILLIC CAPITAL LETTER EL  
 3427 \SE@MapDeclare{mac-cyrillic}{8C}{041C}% CYRILLIC CAPITAL LETTER EM  
 3428 \SE@MapDeclare{mac-cyrillic}{8D}{041D}% CYRILLIC CAPITAL LETTER EN  
 3429 \SE@MapDeclare{mac-cyrillic}{8E}{041E}% CYRILLIC CAPITAL LETTER O  
 3430 \SE@MapDeclare{mac-cyrillic}{8F}{041F}% CYRILLIC CAPITAL LETTER PE  
 3431 \SE@MapDeclare{mac-cyrillic}{90}{0420}% CYRILLIC CAPITAL LETTER ER  
 3432 \SE@MapDeclare{mac-cyrillic}{91}{0421}% CYRILLIC CAPITAL LETTER ES  
 3433 \SE@MapDeclare{mac-cyrillic}{92}{0422}% CYRILLIC CAPITAL LETTER TE  
 3434 \SE@MapDeclare{mac-cyrillic}{93}{0423}% CYRILLIC CAPITAL LETTER U  
 3435 \SE@MapDeclare{mac-cyrillic}{94}{0424}% CYRILLIC CAPITAL LETTER EF  
 3436 \SE@MapDeclare{mac-cyrillic}{95}{0425}% CYRILLIC CAPITAL LETTER HA  
 3437 \SE@MapDeclare{mac-cyrillic}{96}{0426}% CYRILLIC CAPITAL LETTER TSE  
 3438 \SE@MapDeclare{mac-cyrillic}{97}{0427}% CYRILLIC CAPITAL LETTER CHE  
 3439 \SE@MapDeclare{mac-cyrillic}{98}{0428}% CYRILLIC CAPITAL LETTER SHA  
 3440 \SE@MapDeclare{mac-cyrillic}{99}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 3441 \SE@MapDeclare{mac-cyrillic}{9A}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 3442 \SE@MapDeclare{mac-cyrillic}{9B}{042B}% CYRILLIC CAPITAL LETTER YERU  
 3443 \SE@MapDeclare{mac-cyrillic}{9C}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 3444 \SE@MapDeclare{mac-cyrillic}{9D}{042D}% CYRILLIC CAPITAL LETTER E  
 3445 \SE@MapDeclare{mac-cyrillic}{9E}{042E}% CYRILLIC CAPITAL LETTER YU  
 3446 \SE@MapDeclare{mac-cyrillic}{9F}{042F}% CYRILLIC CAPITAL LETTER YA  
 3447 \SE@MapDeclare{mac-cyrillic}{A0}{2020}% DAGGER  
 3448 \SE@MapDeclare{mac-cyrillic}{A1}{00B0}% DEGREE SIGN  
 3449 \SE@MapDeclare{mac-cyrillic}{A2}{0490}% CYRILLIC CAPITAL LETTER GHE WITH UPTURN  
 3450 \SE@MapDeclare{mac-cyrillic}{A3}{00A3}% POUND SIGN  
 3451 \SE@MapDeclare{mac-cyrillic}{A4}{00A7}% SECTION SIGN  
 3452 \SE@MapDeclare{mac-cyrillic}{A5}{2022}% BULLET  
 3453 \SE@MapDeclare{mac-cyrillic}{A6}{00B6}% PILCROW SIGN  
 3454 \SE@MapDeclare{mac-cyrillic}{A7}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 3455 \SE@MapDeclare{mac-cyrillic}{A8}{00AE}% REGISTERED SIGN  
 3456 \SE@MapDeclare{mac-cyrillic}{A9}{00A9}% COPYRIGHT SIGN  
 3457 \SE@MapDeclare{mac-cyrillic}{AA}{2122}% TRADE MARK SIGN  
 3458 \SE@MapDeclare{mac-cyrillic}{AB}{0402}% CYRILLIC CAPITAL LETTER DJE  
 3459 \SE@MapDeclare{mac-cyrillic}{AC}{0452}% CYRILLIC SMALL LETTER DJE  
 3460 \SE@MapDeclare{mac-cyrillic}{AD}{2260}% NOT EQUAL TO  
 3461 \SE@MapDeclare{mac-cyrillic}{AE}{0403}% CYRILLIC CAPITAL LETTER GJE  
 3462 \SE@MapDeclare{mac-cyrillic}{AF}{0453}% CYRILLIC SMALL LETTER GJE  
 3463 \SE@MapDeclare{mac-cyrillic}{B0}{221E}% INFINITY  
 3464 \SE@MapDeclare{mac-cyrillic}{B1}{00B1}% PLUS-MINUS SIGN  
 3465 \SE@MapDeclare{mac-cyrillic}{B2}{2264}% LESS-THAN OR EQUAL TO  
 3466 \SE@MapDeclare{mac-cyrillic}{B3}{2265}% GREATER-THAN OR EQUAL TO  
 3467 \SE@MapDeclare{mac-cyrillic}{B4}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 3468 \SE@MapDeclare{mac-cyrillic}{B5}{00B5}% MICRO SIGN  
 3469 \SE@MapDeclare{mac-cyrillic}{B6}{0491}% CYRILLIC SMALL LETTER GHE WITH UPTURN  
 3470 \SE@MapDeclare{mac-cyrillic}{B7}{0408}% CYRILLIC CAPITAL LETTER JE  
 3471 \SE@MapDeclare{mac-cyrillic}{B8}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 3472 \SE@MapDeclare{mac-cyrillic}{B9}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 3473 \SE@MapDeclare{mac-cyrillic}{BA}{0407}% CYRILLIC CAPITAL LETTER YI  
 3474 \SE@MapDeclare{mac-cyrillic}{BB}{0457}% CYRILLIC SMALL LETTER YI  
 3475 \SE@MapDeclare{mac-cyrillic}{BC}{0409}% CYRILLIC CAPITAL LETTER LJE  
 3476 \SE@MapDeclare{mac-cyrillic}{BD}{0459}% CYRILLIC SMALL LETTER LJE  
 3477 \SE@MapDeclare{mac-cyrillic}{BE}{040A}% CYRILLIC CAPITAL LETTER NJE  
 3478 \SE@MapDeclare{mac-cyrillic}{BF}{045A}% CYRILLIC SMALL LETTER NJE  
 3479 \SE@MapDeclare{mac-cyrillic}{C0}{0458}% CYRILLIC SMALL LETTER JE  
 3480 \SE@MapDeclare{mac-cyrillic}{C1}{0405}% CYRILLIC CAPITAL LETTER DZE  
 3481 \SE@MapDeclare{mac-cyrillic}{C2}{00AC}% NOT SIGN  
 3482 \SE@MapDeclare{mac-cyrillic}{C3}{221A}% SQUARE ROOT

3483 \SE@MapDeclare{mac-cyrillic}{C4}{0192}% LATIN SMALL LETTER F WITH HOOK  
3484 \SE@MapDeclare{mac-cyrillic}{C5}{2248}% ALMOST EQUAL TO  
3485 \SE@MapDeclare{mac-cyrillic}{C6}{2206}% INCREMENT  
3486 \SE@MapDeclare{mac-cyrillic}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
3487 \SE@MapDeclare{mac-cyrillic}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
3488 \SE@MapDeclare{mac-cyrillic}{C9}{2026}% HORIZONTAL ELLIPSIS  
3489 \SE@MapDeclare{mac-cyrillic}{CA}{00A0}% NO-BREAK SPACE  
3490 \SE@MapDeclare{mac-cyrillic}{CB}{040B}% CYRILLIC CAPITAL LETTER TSHE  
3491 \SE@MapDeclare{mac-cyrillic}{CC}{045B}% CYRILLIC SMALL LETTER TSHE  
3492 \SE@MapDeclare{mac-cyrillic}{CD}{040C}% CYRILLIC CAPITAL LETTER KJE  
3493 \SE@MapDeclare{mac-cyrillic}{CE}{045C}% CYRILLIC SMALL LETTER KJE  
3494 \SE@MapDeclare{mac-cyrillic}{CF}{0455}% CYRILLIC SMALL LETTER DZE  
3495 \SE@MapDeclare{mac-cyrillic}{D0}{2013}% EN DASH  
3496 \SE@MapDeclare{mac-cyrillic}{D1}{2014}% EM DASH  
3497 \SE@MapDeclare{mac-cyrillic}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
3498 \SE@MapDeclare{mac-cyrillic}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
3499 \SE@MapDeclare{mac-cyrillic}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
3500 \SE@MapDeclare{mac-cyrillic}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
3501 \SE@MapDeclare{mac-cyrillic}{D6}{00F7}% DIVISION SIGN  
3502 \SE@MapDeclare{mac-cyrillic}{D7}{201E}% DOUBLE LOW-9 QUOTATION MARK  
3503 \SE@MapDeclare{mac-cyrillic}{D8}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
3504 \SE@MapDeclare{mac-cyrillic}{D9}{045E}% CYRILLIC SMALL LETTER SHORT U  
3505 \SE@MapDeclare{mac-cyrillic}{DA}{040F}% CYRILLIC CAPITAL LETTER DZHE  
3506 \SE@MapDeclare{mac-cyrillic}{DB}{045F}% CYRILLIC SMALL LETTER DZHE  
3507 \SE@MapDeclare{mac-cyrillic}{DC}{2116}% NUMERO SIGN  
3508 \SE@MapDeclare{mac-cyrillic}{DD}{0401}% CYRILLIC CAPITAL LETTER IO  
3509 \SE@MapDeclare{mac-cyrillic}{DE}{0451}% CYRILLIC SMALL LETTER IO  
3510 \SE@MapDeclare{mac-cyrillic}{DF}{044F}% CYRILLIC SMALL LETTER YA  
3511 \SE@MapDeclare{mac-cyrillic}{E0}{0430}% CYRILLIC SMALL LETTER A  
3512 \SE@MapDeclare{mac-cyrillic}{E1}{0431}% CYRILLIC SMALL LETTER BE  
3513 \SE@MapDeclare{mac-cyrillic}{E2}{0432}% CYRILLIC SMALL LETTER VE  
3514 \SE@MapDeclare{mac-cyrillic}{E3}{0433}% CYRILLIC SMALL LETTER GHE  
3515 \SE@MapDeclare{mac-cyrillic}{E4}{0434}% CYRILLIC SMALL LETTER DE  
3516 \SE@MapDeclare{mac-cyrillic}{E5}{0435}% CYRILLIC SMALL LETTER IE  
3517 \SE@MapDeclare{mac-cyrillic}{E6}{0436}% CYRILLIC SMALL LETTER ZHE  
3518 \SE@MapDeclare{mac-cyrillic}{E7}{0437}% CYRILLIC SMALL LETTER ZE  
3519 \SE@MapDeclare{mac-cyrillic}{E8}{0438}% CYRILLIC SMALL LETTER I  
3520 \SE@MapDeclare{mac-cyrillic}{E9}{0439}% CYRILLIC SMALL LETTER SHORT I  
3521 \SE@MapDeclare{mac-cyrillic}{EA}{043A}% CYRILLIC SMALL LETTER KA  
3522 \SE@MapDeclare{mac-cyrillic}{EB}{043B}% CYRILLIC SMALL LETTER EL  
3523 \SE@MapDeclare{mac-cyrillic}{EC}{043C}% CYRILLIC SMALL LETTER EM  
3524 \SE@MapDeclare{mac-cyrillic}{ED}{043D}% CYRILLIC SMALL LETTER EN  
3525 \SE@MapDeclare{mac-cyrillic}{EE}{043E}% CYRILLIC SMALL LETTER O  
3526 \SE@MapDeclare{mac-cyrillic}{EF}{043F}% CYRILLIC SMALL LETTER PE  
3527 \SE@MapDeclare{mac-cyrillic}{F0}{0440}% CYRILLIC SMALL LETTER ER  
3528 \SE@MapDeclare{mac-cyrillic}{F1}{0441}% CYRILLIC SMALL LETTER ES  
3529 \SE@MapDeclare{mac-cyrillic}{F2}{0442}% CYRILLIC SMALL LETTER TE  
3530 \SE@MapDeclare{mac-cyrillic}{F3}{0443}% CYRILLIC SMALL LETTER U  
3531 \SE@MapDeclare{mac-cyrillic}{F4}{0444}% CYRILLIC SMALL LETTER EF  
3532 \SE@MapDeclare{mac-cyrillic}{F5}{0445}% CYRILLIC SMALL LETTER HA  
3533 \SE@MapDeclare{mac-cyrillic}{F6}{0446}% CYRILLIC SMALL LETTER TSE  
3534 \SE@MapDeclare{mac-cyrillic}{F7}{0447}% CYRILLIC SMALL LETTER CHE  
3535 \SE@MapDeclare{mac-cyrillic}{F8}{0448}% CYRILLIC SMALL LETTER SHA  
3536 \SE@MapDeclare{mac-cyrillic}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
3537 \SE@MapDeclare{mac-cyrillic}{FA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
3538 \SE@MapDeclare{mac-cyrillic}{FB}{044B}% CYRILLIC SMALL LETTER YERU  
3539 \SE@MapDeclare{mac-cyrillic}{FC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
3540 \SE@MapDeclare{mac-cyrillic}{FD}{044D}% CYRILLIC SMALL LETTER E  
3541 \SE@MapDeclare{mac-cyrillic}{FE}{044E}% CYRILLIC SMALL LETTER YU  
3542 \SE@MapDeclare{mac-cyrillic}{FF}{20AC}% EURO SIGN  
3543 </mac — cyrillic>

## mac-roman

3544 <\*mac — roman>  
3545 \SE@MapDeclare{mac-roman}{80}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
3546 \SE@MapDeclare{mac-roman}{81}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
3547 \SE@MapDeclare{mac-roman}{82}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
3548 \SE@MapDeclare{mac-roman}{83}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
3549 \SE@MapDeclare{mac-roman}{84}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
3550 \SE@MapDeclare{mac-roman}{85}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
3551 \SE@MapDeclare{mac-roman}{86}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
3552 \SE@MapDeclare{mac-roman}{87}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
3553 \SE@MapDeclare{mac-roman}{88}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
3554 \SE@MapDeclare{mac-roman}{89}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
3555 \SE@MapDeclare{mac-roman}{8A}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
3556 \SE@MapDeclare{mac-roman}{8B}{00E3}% LATIN SMALL LETTER A WITH TILDE  
3557 \SE@MapDeclare{mac-roman}{8C}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
3558 \SE@MapDeclare{mac-roman}{8D}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
3559 \SE@MapDeclare{mac-roman}{8E}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
3560 \SE@MapDeclare{mac-roman}{8F}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
3561 \SE@MapDeclare{mac-roman}{90}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
3562 \SE@MapDeclare{mac-roman}{91}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
3563 \SE@MapDeclare{mac-roman}{92}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
3564 \SE@MapDeclare{mac-roman}{93}{00EC}% LATIN SMALL LETTER I WITH GRAVE



3565 \SE@MapDeclare{mac-roman}{94}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3566 \SE@MapDeclare{mac-roman}{95}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3567 \SE@MapDeclare{mac-roman}{96}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3568 \SE@MapDeclare{mac-roman}{97}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3569 \SE@MapDeclare{mac-roman}{98}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3570 \SE@MapDeclare{mac-roman}{99}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3571 \SE@MapDeclare{mac-roman}{9A}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3572 \SE@MapDeclare{mac-roman}{9B}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3573 \SE@MapDeclare{mac-roman}{9C}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3574 \SE@MapDeclare{mac-roman}{9D}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3575 \SE@MapDeclare{mac-roman}{9E}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3576 \SE@MapDeclare{mac-roman}{9F}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3577 \SE@MapDeclare{mac-roman}{A0}{2020}% DAGGER  
 3578 \SE@MapDeclare{mac-roman}{A1}{00B0}% DEGREE SIGN  
 3579 \SE@MapDeclare{mac-roman}{A2}{00A2}% CENT SIGN  
 3580 \SE@MapDeclare{mac-roman}{A3}{00A3}% POUND SIGN  
 3581 \SE@MapDeclare{mac-roman}{A4}{00A7}% SECTION SIGN  
 3582 \SE@MapDeclare{mac-roman}{A5}{2022}% BULLET  
 3583 \SE@MapDeclare{mac-roman}{A6}{00B6}% PILCROW SIGN  
 3584 \SE@MapDeclare{mac-roman}{A7}{00DF}% LATIN SMALL LETTER SHARP S  
 3585 \SE@MapDeclare{mac-roman}{A8}{00AE}% REGISTERED SIGN  
 3586 \SE@MapDeclare{mac-roman}{A9}{00A9}% COPYRIGHT SIGN  
 3587 \SE@MapDeclare{mac-roman}{AA}{2122}% TRADE MARK SIGN  
 3588 \SE@MapDeclare{mac-roman}{AB}{00B4}% ACUTE ACCENT  
 3589 \SE@MapDeclare{mac-roman}{AC}{00A8}% DIAERESIS  
 3590 \SE@MapDeclare{mac-roman}{AD}{2260}% NOT EQUAL TO  
 3591 \SE@MapDeclare{mac-roman}{AE}{00C6}% LATIN CAPITAL LETTER AE  
 3592 \SE@MapDeclare{mac-roman}{AF}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3593 \SE@MapDeclare{mac-roman}{B0}{221E}% INFINITY  
 3594 \SE@MapDeclare{mac-roman}{B1}{00B1}% PLUS-MINUS SIGN  
 3595 \SE@MapDeclare{mac-roman}{B2}{2264}% LESS-THAN OR EQUAL TO  
 3596 \SE@MapDeclare{mac-roman}{B3}{2265}% GREATER-THAN OR EQUAL TO  
 3597 \SE@MapDeclare{mac-roman}{B4}{00A5}% YEN SIGN  
 3598 \SE@MapDeclare{mac-roman}{B5}{00B5}% MICRO SIGN  
 3599 \SE@MapDeclare{mac-roman}{B6}{2202}% PARTIAL DIFFERENTIAL  
 3600 \SE@MapDeclare{mac-roman}{B7}{2211}% N-ARY SUMMATION  
 3601 \SE@MapDeclare{mac-roman}{B8}{220F}% N-ARY PRODUCT  
 3602 \SE@MapDeclare{mac-roman}{B9}{03C0}% GREEK SMALL LETTER PI  
 3603 \SE@MapDeclare{mac-roman}{BA}{222B}% INTEGRAL  
 3604 \SE@MapDeclare{mac-roman}{BB}{00AA}% FEMININE ORDINAL INDICATOR  
 3605 \SE@MapDeclare{mac-roman}{BC}{00BA}% MASCULINE ORDINAL INDICATOR  
 3606 \SE@MapDeclare{mac-roman}{BD}{03A9}% GREEK CAPITAL LETTER OMEGA  
 3607 \SE@MapDeclare{mac-roman}{BE}{00E6}% LATIN SMALL LETTER AE  
 3608 \SE@MapDeclare{mac-roman}{BF}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3609 \SE@MapDeclare{mac-roman}{C0}{00BF}% INVERTED QUESTION MARK  
 3610 \SE@MapDeclare{mac-roman}{C1}{00A1}% INVERTED EXCLAMATION MARK  
 3611 \SE@MapDeclare{mac-roman}{C2}{00AC}% NOT SIGN  
 3612 \SE@MapDeclare{mac-roman}{C3}{221A}% SQUARE ROOT  
 3613 \SE@MapDeclare{mac-roman}{C4}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3614 \SE@MapDeclare{mac-roman}{C5}{2248}% ALMOST EQUAL TO  
 3615 \SE@MapDeclare{mac-roman}{C6}{2206}% INCREMENT  
 3616 \SE@MapDeclare{mac-roman}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3617 \SE@MapDeclare{mac-roman}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3618 \SE@MapDeclare{mac-roman}{C9}{2026}% HORIZONTAL ELLIPSIS  
 3619 \SE@MapDeclare{mac-roman}{CA}{00A0}% NO-BREAK SPACE  
 3620 \SE@MapDeclare{mac-roman}{CB}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3621 \SE@MapDeclare{mac-roman}{CC}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3622 \SE@MapDeclare{mac-roman}{CD}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3623 \SE@MapDeclare{mac-roman}{CE}{0152}% LATIN CAPITAL LIGATURE OE  
 3624 \SE@MapDeclare{mac-roman}{CF}{0153}% LATIN SMALL LIGATURE OE  
 3625 \SE@MapDeclare{mac-roman}{D0}{2013}% EN DASH  
 3626 \SE@MapDeclare{mac-roman}{D1}{2014}% EM DASH  
 3627 \SE@MapDeclare{mac-roman}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
 3628 \SE@MapDeclare{mac-roman}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3629 \SE@MapDeclare{mac-roman}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
 3630 \SE@MapDeclare{mac-roman}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
 3631 \SE@MapDeclare{mac-roman}{D6}{00F7}% DIVISION SIGN  
 3632 \SE@MapDeclare{mac-roman}{D7}{25CA}% LOZENGE  
 3633 \SE@MapDeclare{mac-roman}{D8}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3634 \SE@MapDeclare{mac-roman}{D9}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 3635 \SE@MapDeclare{mac-roman}{DA}{2044}% FRACTION SLASH  
 3636 \SE@MapDeclare{mac-roman}{DB}{20AC}% EURO SIGN  
 3637 \SE@MapDeclare{mac-roman}{DC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3638 \SE@MapDeclare{mac-roman}{DD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3639 \SE@MapDeclare{mac-roman}{DE}{FB01}% LATIN SMALL LIGATURE FI  
 3640 \SE@MapDeclare{mac-roman}{DF}{FB02}% LATIN SMALL LIGATURE FL  
 3641 \SE@MapDeclare{mac-roman}{E0}{2021}% DOUBLE DAGGER  
 3642 \SE@MapDeclare{mac-roman}{E1}{00B7}% MIDDLE DOT  
 3643 \SE@MapDeclare{mac-roman}{E2}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3644 \SE@MapDeclare{mac-roman}{E3}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3645 \SE@MapDeclare{mac-roman}{E4}{2030}% PER MILLE SIGN  
 3646 \SE@MapDeclare{mac-roman}{E5}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3647 \SE@MapDeclare{mac-roman}{E6}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3648 \SE@MapDeclare{mac-roman}{E7}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3649 \SE@MapDeclare{mac-roman}{E8}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3650 \SE@MapDeclare{mac-roman}{E9}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE

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3651 \SE@MapDeclare{mac-roman}{EA}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE
3652 \SE@MapDeclare{mac-roman}{EB}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX
3653 \SE@MapDeclare{mac-roman}{EC}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS
3654 \SE@MapDeclare{mac-roman}{ED}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE
3655 \SE@MapDeclare{mac-roman}{EE}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
3656 \SE@MapDeclare{mac-roman}{EF}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX
3657 \SE@MapDeclare{mac-roman}{F0}{F8FF}% Apple logo
3658 \SE@MapDeclare{mac-roman}{F1}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE
3659 \SE@MapDeclare{mac-roman}{F2}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE
3660 \SE@MapDeclare{mac-roman}{F3}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX
3661 \SE@MapDeclare{mac-roman}{F4}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE
3662 \SE@MapDeclare{mac-roman}{F5}{0131}% LATIN SMALL LETTER DOTLESS I
3663 \SE@MapDeclare{mac-roman}{F6}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT
3664 \SE@MapDeclare{mac-roman}{F7}{02DC}% SMALL TILDE
3665 \SE@MapDeclare{mac-roman}{F8}{00AF}% MACRON
3666 \SE@MapDeclare{mac-roman}{F9}{02D8}% BREVE
3667 \SE@MapDeclare{mac-roman}{FA}{02D9}% DOT ABOVE
3668 \SE@MapDeclare{mac-roman}{FB}{02DA}% RING ABOVE
3669 \SE@MapDeclare{mac-roman}{FC}{00B8}% CEDILLA
3670 \SE@MapDeclare{mac-roman}{FD}{02DD}% DOUBLE ACUTE ACCENT
3671 \SE@MapDeclare{mac-roman}{FE}{02DB}% OGONEK
3672 \SE@MapDeclare{mac-roman}{FF}{02C7}% CARON
3673 \(/mac - roman)

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## dec-mcs

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3674 (*dec - mcs)
3675 \SE@MapDeclare{dec-mcs}{A1}{00A1}% INVERTED EXCLAMATION MARK
3676 \SE@MapDeclare{dec-mcs}{A2}{00A2}% CENT SIGN
3677 \SE@MapDeclare{dec-mcs}{A3}{00A3}% POUND SIGN
3678 \SE@MapDeclare{dec-mcs}{A5}{00A5}% YEN SIGN
3679 \SE@MapDeclare{dec-mcs}{A7}{00A7}% SECTION SIGN
3680 \SE@MapDeclare{dec-mcs}{A8}{00A4}% CURRENCY SIGN
3681 \SE@MapDeclare{dec-mcs}{A9}{00A9}% COPYRIGHT SIGN
3682 \SE@MapDeclare{dec-mcs}{AA}{00AA}% FEMININE ORDINAL INDICATOR
3683 \SE@MapDeclare{dec-mcs}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
3684 \SE@MapDeclare{dec-mcs}{B0}{00B0}% DEGREE SIGN
3685 \SE@MapDeclare{dec-mcs}{B1}{00B1}% PLUS-MINUS SIGN
3686 \SE@MapDeclare{dec-mcs}{B2}{00B2}% SUPERSCRIFT TWO
3687 \SE@MapDeclare{dec-mcs}{B3}{00B3}% SUPERSCRIFT THREE
3688 \SE@MapDeclare{dec-mcs}{B5}{00B5}% MICRO SIGN
3689 \SE@MapDeclare{dec-mcs}{B6}{00B6}% PILCROW SIGN
3690 \SE@MapDeclare{dec-mcs}{B7}{00B7}% MIDDLE DOT
3691 \SE@MapDeclare{dec-mcs}{B9}{00B9}% SUPERSCRIFT ONE
3692 \SE@MapDeclare{dec-mcs}{BA}{00BA}% MASCULINE ORDINAL INDICATOR
3693 \SE@MapDeclare{dec-mcs}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
3694 \SE@MapDeclare{dec-mcs}{BC}{00BC}% VULGAR FRACTION ONE QUARTER
3695 \SE@MapDeclare{dec-mcs}{BD}{00BD}% VULGAR FRACTION ONE HALF
3696 \SE@MapDeclare{dec-mcs}{BF}{00BF}% INVERTED QUESTION MARK
3697 \SE@MapDeclare{dec-mcs}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE
3698 \SE@MapDeclare{dec-mcs}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE
3699 \SE@MapDeclare{dec-mcs}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX
3700 \SE@MapDeclare{dec-mcs}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE
3701 \SE@MapDeclare{dec-mcs}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS
3702 \SE@MapDeclare{dec-mcs}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE
3703 \SE@MapDeclare{dec-mcs}{C6}{00C6}% LATIN CAPITAL LETTER AE
3704 \SE@MapDeclare{dec-mcs}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA
3705 \SE@MapDeclare{dec-mcs}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE
3706 \SE@MapDeclare{dec-mcs}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE
3707 \SE@MapDeclare{dec-mcs}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX
3708 \SE@MapDeclare{dec-mcs}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS
3709 \SE@MapDeclare{dec-mcs}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE
3710 \SE@MapDeclare{dec-mcs}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE
3711 \SE@MapDeclare{dec-mcs}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX
3712 \SE@MapDeclare{dec-mcs}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS
3713 \SE@MapDeclare{dec-mcs}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE
3714 \SE@MapDeclare{dec-mcs}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE
3715 \SE@MapDeclare{dec-mcs}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
3716 \SE@MapDeclare{dec-mcs}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX
3717 \SE@MapDeclare{dec-mcs}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE
3718 \SE@MapDeclare{dec-mcs}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS
3719 \SE@MapDeclare{dec-mcs}{D7}{0152}% LATIN CAPITAL LIGATURE OE
3720 \SE@MapDeclare{dec-mcs}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE
3721 \SE@MapDeclare{dec-mcs}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE
3722 \SE@MapDeclare{dec-mcs}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE
3723 \SE@MapDeclare{dec-mcs}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX
3724 \SE@MapDeclare{dec-mcs}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS
3725 \SE@MapDeclare{dec-mcs}{DD}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS
3726 \SE@MapDeclare{dec-mcs}{DF}{00DF}% LATIN SMALL LETTER SHARP S
3727 \SE@MapDeclare{dec-mcs}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE
3728 \SE@MapDeclare{dec-mcs}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE
3729 \SE@MapDeclare{dec-mcs}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX
3730 \SE@MapDeclare{dec-mcs}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE
3731 \SE@MapDeclare{dec-mcs}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS
3732 \SE@MapDeclare{dec-mcs}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE

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3733 \SE@MapDeclare{dec-mcs}{E6}{00E6}% LATIN SMALL LETTER AE  
 3734 \SE@MapDeclare{dec-mcs}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3735 \SE@MapDeclare{dec-mcs}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3736 \SE@MapDeclare{dec-mcs}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3737 \SE@MapDeclare{dec-mcs}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3738 \SE@MapDeclare{dec-mcs}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3739 \SE@MapDeclare{dec-mcs}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3740 \SE@MapDeclare{dec-mcs}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3741 \SE@MapDeclare{dec-mcs}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3742 \SE@MapDeclare{dec-mcs}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3743 \SE@MapDeclare{dec-mcs}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3744 \SE@MapDeclare{dec-mcs}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3745 \SE@MapDeclare{dec-mcs}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3746 \SE@MapDeclare{dec-mcs}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3747 \SE@MapDeclare{dec-mcs}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3748 \SE@MapDeclare{dec-mcs}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3749 \SE@MapDeclare{dec-mcs}{F7}{0153}% LATIN SMALL LIGATURE OE  
 3750 \SE@MapDeclare{dec-mcs}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3751 \SE@MapDeclare{dec-mcs}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3752 \SE@MapDeclare{dec-mcs}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3753 \SE@MapDeclare{dec-mcs}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3754 \SE@MapDeclare{dec-mcs}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3755 \SE@MapDeclare{dec-mcs}{FD}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3756 \</dec – mcs>

## cp437

3757 \<cp437>  
 3758 \SE@MapDeclare{cp437}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3759 \SE@MapDeclare{cp437}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3760 \SE@MapDeclare{cp437}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3761 \SE@MapDeclare{cp437}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3762 \SE@MapDeclare{cp437}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3763 \SE@MapDeclare{cp437}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3764 \SE@MapDeclare{cp437}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3765 \SE@MapDeclare{cp437}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3766 \SE@MapDeclare{cp437}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3767 \SE@MapDeclare{cp437}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3768 \SE@MapDeclare{cp437}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3769 \SE@MapDeclare{cp437}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3770 \SE@MapDeclare{cp437}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3771 \SE@MapDeclare{cp437}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3772 \SE@MapDeclare{cp437}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3773 \SE@MapDeclare{cp437}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 3774 \SE@MapDeclare{cp437}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3775 \SE@MapDeclare{cp437}{91}{00E6}% LATIN SMALL LIGATURE AE  
 3776 \SE@MapDeclare{cp437}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 3777 \SE@MapDeclare{cp437}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3778 \SE@MapDeclare{cp437}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3779 \SE@MapDeclare{cp437}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3780 \SE@MapDeclare{cp437}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3781 \SE@MapDeclare{cp437}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3782 \SE@MapDeclare{cp437}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3783 \SE@MapDeclare{cp437}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3784 \SE@MapDeclare{cp437}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3785 \SE@MapDeclare{cp437}{9B}{00A2}% CENT SIGN  
 3786 \SE@MapDeclare{cp437}{9C}{00A3}% POUND SIGN  
 3787 \SE@MapDeclare{cp437}{9D}{00A5}% YEN SIGN  
 3788 \SE@MapDeclare{cp437}{9E}{20A7}% PESETA SIGN  
 3789 \SE@MapDeclare{cp437}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3790 \SE@MapDeclare{cp437}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3791 \SE@MapDeclare{cp437}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3792 \SE@MapDeclare{cp437}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3793 \SE@MapDeclare{cp437}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3794 \SE@MapDeclare{cp437}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3795 \SE@MapDeclare{cp437}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3796 \SE@MapDeclare{cp437}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 3797 \SE@MapDeclare{cp437}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 3798 \SE@MapDeclare{cp437}{A8}{00BF}% INVERTED QUESTION MARK  
 3799 \SE@MapDeclare{cp437}{A9}{2310}% REVERSED NOT SIGN  
 3800 \SE@MapDeclare{cp437}{AA}{00AC}% NOT SIGN  
 3801 \SE@MapDeclare{cp437}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 3802 \SE@MapDeclare{cp437}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 3803 \SE@MapDeclare{cp437}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 3804 \SE@MapDeclare{cp437}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3805 \SE@MapDeclare{cp437}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3806 \SE@MapDeclare{cp437}{B0}{2591}% LIGHT SHADE  
 3807 \SE@MapDeclare{cp437}{B1}{2592}% MEDIUM SHADE  
 3808 \SE@MapDeclare{cp437}{B2}{2593}% DARK SHADE  
 3809 \SE@MapDeclare{cp437}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 3810 \SE@MapDeclare{cp437}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 3811 \SE@MapDeclare{cp437}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 3812 \SE@MapDeclare{cp437}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 3813 \SE@MapDeclare{cp437}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 3814 \SE@MapDeclare{cp437}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE

3815 \SE@MapDeclare{cp437}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
3816 \SE@MapDeclare{cp437}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
3817 \SE@MapDeclare{cp437}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
3818 \SE@MapDeclare{cp437}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
3819 \SE@MapDeclare{cp437}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
3820 \SE@MapDeclare{cp437}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
3821 \SE@MapDeclare{cp437}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
3822 \SE@MapDeclare{cp437}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
3823 \SE@MapDeclare{cp437}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
3824 \SE@MapDeclare{cp437}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
3825 \SE@MapDeclare{cp437}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
3826 \SE@MapDeclare{cp437}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
3827 \SE@MapDeclare{cp437}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
3828 \SE@MapDeclare{cp437}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
3829 \SE@MapDeclare{cp437}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
3830 \SE@MapDeclare{cp437}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
3831 \SE@MapDeclare{cp437}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
3832 \SE@MapDeclare{cp437}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
3833 \SE@MapDeclare{cp437}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
3834 \SE@MapDeclare{cp437}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
3835 \SE@MapDeclare{cp437}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
3836 \SE@MapDeclare{cp437}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
3837 \SE@MapDeclare{cp437}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
3838 \SE@MapDeclare{cp437}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
3839 \SE@MapDeclare{cp437}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
3840 \SE@MapDeclare{cp437}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
3841 \SE@MapDeclare{cp437}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
3842 \SE@MapDeclare{cp437}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
3843 \SE@MapDeclare{cp437}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
3844 \SE@MapDeclare{cp437}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
3845 \SE@MapDeclare{cp437}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
3846 \SE@MapDeclare{cp437}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
3847 \SE@MapDeclare{cp437}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
3848 \SE@MapDeclare{cp437}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
3849 \SE@MapDeclare{cp437}{DB}{2588}% FULL BLOCK  
3850 \SE@MapDeclare{cp437}{DC}{2584}% LOWER HALF BLOCK  
3851 \SE@MapDeclare{cp437}{DD}{258C}% LEFT HALF BLOCK  
3852 \SE@MapDeclare{cp437}{DE}{2590}% RIGHT HALF BLOCK  
3853 \SE@MapDeclare{cp437}{DF}{2580}% UPPER HALF BLOCK  
3854 \SE@MapDeclare{cp437}{E0}{03B1}% GREEK SMALL LETTER ALPHA  
3855 \SE@MapDeclare{cp437}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
3856 \SE@MapDeclare{cp437}{E2}{0393}% GREEK CAPITAL LETTER GAMMA  
3857 \SE@MapDeclare{cp437}{E3}{03C0}% GREEK SMALL LETTER PI  
3858 \SE@MapDeclare{cp437}{E4}{03A3}% GREEK CAPITAL LETTER SIGMA  
3859 \SE@MapDeclare{cp437}{E5}{03C3}% GREEK SMALL LETTER SIGMA  
3860 \SE@MapDeclare{cp437}{E6}{00B5}% MICRO SIGN  
3861 \SE@MapDeclare{cp437}{E7}{03C4}% GREEK SMALL LETTER TAU  
3862 \SE@MapDeclare{cp437}{E8}{03A6}% GREEK CAPITAL LETTER PHI  
3863 \SE@MapDeclare{cp437}{E9}{0398}% GREEK CAPITAL LETTER THETA  
3864 \SE@MapDeclare{cp437}{EA}{03A9}% GREEK CAPITAL LETTER OMEGA  
3865 \SE@MapDeclare{cp437}{EB}{03B4}% GREEK SMALL LETTER DELTA  
3866 \SE@MapDeclare{cp437}{EC}{221E}% INFINITY  
3867 \SE@MapDeclare{cp437}{ED}{03C6}% GREEK SMALL LETTER PHI  
3868 \SE@MapDeclare{cp437}{EE}{03B5}% GREEK SMALL LETTER EPSILON  
3869 \SE@MapDeclare{cp437}{EF}{2229}% INTERSECTION  
3870 \SE@MapDeclare{cp437}{F0}{2261}% IDENTICAL TO  
3871 \SE@MapDeclare{cp437}{F1}{00B1}% PLUS-MINUS SIGN  
3872 \SE@MapDeclare{cp437}{F2}{2265}% GREATER-THAN OR EQUAL TO  
3873 \SE@MapDeclare{cp437}{F3}{2264}% LESS-THAN OR EQUAL TO  
3874 \SE@MapDeclare{cp437}{F4}{2320}% TOP HALF INTEGRAL  
3875 \SE@MapDeclare{cp437}{F5}{2321}% BOTTOM HALF INTEGRAL  
3876 \SE@MapDeclare{cp437}{F6}{00F7}% DIVISION SIGN  
3877 \SE@MapDeclare{cp437}{F7}{2248}% ALMOST EQUAL TO  
3878 \SE@MapDeclare{cp437}{F8}{00B0}% DEGREE SIGN  
3879 \SE@MapDeclare{cp437}{F9}{2219}% BULLET OPERATOR  
3880 \SE@MapDeclare{cp437}{FA}{00B7}% MIDDLE DOT  
3881 \SE@MapDeclare{cp437}{FB}{221A}% SQUARE ROOT  
3882 \SE@MapDeclare{cp437}{FC}{207F}% SUPERScript LATIN SMALL LETTER N  
3883 \SE@MapDeclare{cp437}{FD}{00B2}% SUPERScript TWO  
3884 \SE@MapDeclare{cp437}{FE}{25A0}% BLACK SQUARE  
3885 \SE@MapDeclare{cp437}{FF}{00A0}% NO-BREAK SPACE  
3886 \SE@MapDeclare{cp437}

## cp850

3887 \SE@MapDeclare{cp850}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
3888 \SE@MapDeclare{cp850}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
3889 \SE@MapDeclare{cp850}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
3890 \SE@MapDeclare{cp850}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
3891 \SE@MapDeclare{cp850}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
3892 \SE@MapDeclare{cp850}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
3893 \SE@MapDeclare{cp850}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
3894 \SE@MapDeclare{cp850}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
3895 \SE@MapDeclare{cp850}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX

3897 \SE@MapDeclare{cp850}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3898 \SE@MapDeclare{cp850}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3899 \SE@MapDeclare{cp850}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3900 \SE@MapDeclare{cp850}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3901 \SE@MapDeclare{cp850}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3902 \SE@MapDeclare{cp850}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3903 \SE@MapDeclare{cp850}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 3904 \SE@MapDeclare{cp850}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3905 \SE@MapDeclare{cp850}{91}{00E6}% LATIN SMALL LIGATURE AE  
 3906 \SE@MapDeclare{cp850}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 3907 \SE@MapDeclare{cp850}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3908 \SE@MapDeclare{cp850}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3909 \SE@MapDeclare{cp850}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3910 \SE@MapDeclare{cp850}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3911 \SE@MapDeclare{cp850}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3912 \SE@MapDeclare{cp850}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3913 \SE@MapDeclare{cp850}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3914 \SE@MapDeclare{cp850}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3915 \SE@MapDeclare{cp850}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3916 \SE@MapDeclare{cp850}{9C}{00A3}% POUND SIGN  
 3917 \SE@MapDeclare{cp850}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3918 \SE@MapDeclare{cp850}{9E}{00D7}% MULTIPLICATION SIGN  
 3919 \SE@MapDeclare{cp850}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3920 \SE@MapDeclare{cp850}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3921 \SE@MapDeclare{cp850}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3922 \SE@MapDeclare{cp850}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3923 \SE@MapDeclare{cp850}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3924 \SE@MapDeclare{cp850}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3925 \SE@MapDeclare{cp850}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3926 \SE@MapDeclare{cp850}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 3927 \SE@MapDeclare{cp850}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 3928 \SE@MapDeclare{cp850}{A8}{00BF}% INVERTED QUESTION MARK  
 3929 \SE@MapDeclare{cp850}{A9}{00AE}% REGISTERED SIGN  
 3930 \SE@MapDeclare{cp850}{AA}{00AC}% NOT SIGN  
 3931 \SE@MapDeclare{cp850}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 3932 \SE@MapDeclare{cp850}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 3933 \SE@MapDeclare{cp850}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 3934 \SE@MapDeclare{cp850}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3935 \SE@MapDeclare{cp850}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3936 \SE@MapDeclare{cp850}{B0}{2591}% LIGHT SHADE  
 3937 \SE@MapDeclare{cp850}{B1}{2592}% MEDIUM SHADE  
 3938 \SE@MapDeclare{cp850}{B2}{2593}% DARK SHADE  
 3939 \SE@MapDeclare{cp850}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 3940 \SE@MapDeclare{cp850}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 3941 \SE@MapDeclare{cp850}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3942 \SE@MapDeclare{cp850}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3943 \SE@MapDeclare{cp850}{B7}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3944 \SE@MapDeclare{cp850}{B8}{00A9}% COPYRIGHT SIGN  
 3945 \SE@MapDeclare{cp850}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 3946 \SE@MapDeclare{cp850}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 3947 \SE@MapDeclare{cp850}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 3948 \SE@MapDeclare{cp850}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 3949 \SE@MapDeclare{cp850}{BD}{00A2}% CENT SIGN  
 3950 \SE@MapDeclare{cp850}{BE}{00A5}% YEN SIGN  
 3951 \SE@MapDeclare{cp850}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 3952 \SE@MapDeclare{cp850}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 3953 \SE@MapDeclare{cp850}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 3954 \SE@MapDeclare{cp850}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 3955 \SE@MapDeclare{cp850}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 3956 \SE@MapDeclare{cp850}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 3957 \SE@MapDeclare{cp850}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 3958 \SE@MapDeclare{cp850}{C6}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3959 \SE@MapDeclare{cp850}{C7}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3960 \SE@MapDeclare{cp850}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 3961 \SE@MapDeclare{cp850}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 3962 \SE@MapDeclare{cp850}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 3963 \SE@MapDeclare{cp850}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 3964 \SE@MapDeclare{cp850}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 3965 \SE@MapDeclare{cp850}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 3966 \SE@MapDeclare{cp850}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 3967 \SE@MapDeclare{cp850}{CF}{00A4}% CURRENCY SIGN  
 3968 \SE@MapDeclare{cp850}{D0}{00F0}% LATIN SMALL LETTER ETH  
 3969 \SE@MapDeclare{cp850}{D1}{00D0}% LATIN CAPITAL LETTER ETH  
 3970 \SE@MapDeclare{cp850}{D2}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3971 \SE@MapDeclare{cp850}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3972 \SE@MapDeclare{cp850}{D4}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 3973 \SE@MapDeclare{cp850}{D5}{0131}% LATIN SMALL LETTER DOTLESS I  
 3974 \SE@MapDeclare{cp850}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3975 \SE@MapDeclare{cp850}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3976 \SE@MapDeclare{cp850}{D8}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 3977 \SE@MapDeclare{cp850}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 3978 \SE@MapDeclare{cp850}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 3979 \SE@MapDeclare{cp850}{DB}{2588}% FULL BLOCK  
 3980 \SE@MapDeclare{cp850}{DC}{2584}% LOWER HALF BLOCK  
 3981 \SE@MapDeclare{cp850}{DD}{00A6}% BROKEN BAR  
 3982 \SE@MapDeclare{cp850}{DE}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE

3983 \SE@MapDeclare{cp850}{DF}{2580}% UPPER HALF BLOCK  
 3984 \SE@MapDeclare{cp850}{EO}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3985 \SE@MapDeclare{cp850}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 3986 \SE@MapDeclare{cp850}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3987 \SE@MapDeclare{cp850}{E3}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 3988 \SE@MapDeclare{cp850}{E4}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3989 \SE@MapDeclare{cp850}{E5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3990 \SE@MapDeclare{cp850}{E6}{00B5}% MICRO SIGN  
 3991 \SE@MapDeclare{cp850}{E7}{00FE}% LATIN SMALL LETTER THORN  
 3992 \SE@MapDeclare{cp850}{E8}{00DE}% LATIN CAPITAL LETTER THORN  
 3993 \SE@MapDeclare{cp850}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3994 \SE@MapDeclare{cp850}{EA}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3995 \SE@MapDeclare{cp850}{EB}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 3996 \SE@MapDeclare{cp850}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 3997 \SE@MapDeclare{cp850}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 3998 \SE@MapDeclare{cp850}{EE}{00AF}% MACRON  
 3999 \SE@MapDeclare{cp850}{EF}{00B4}% ACUTE ACCENT  
 4000 \SE@MapDeclare{cp850}{F0}{00AD}% SOFT HYPHEN  
 4001 \SE@MapDeclare{cp850}{F1}{00B1}% PLUS-MINUS SIGN  
 4002 \SE@MapDeclare{cp850}{F2}{2017}% DOUBLE LOW LINE  
 4003 \SE@MapDeclare{cp850}{F3}{00BE}% VULGAR FRACTION THREE QUARTERS  
 4004 \SE@MapDeclare{cp850}{F4}{00B6}% PILCROW SIGN  
 4005 \SE@MapDeclare{cp850}{F5}{00A7}% SECTION SIGN  
 4006 \SE@MapDeclare{cp850}{F6}{00F7}% DIVISION SIGN  
 4007 \SE@MapDeclare{cp850}{F7}{00B8}% CEDILLA  
 4008 \SE@MapDeclare{cp850}{F8}{00B0}% DEGREE SIGN  
 4009 \SE@MapDeclare{cp850}{F9}{00A8}% DIAERESIS  
 4010 \SE@MapDeclare{cp850}{FA}{00B7}% MIDDLE DOT  
 4011 \SE@MapDeclare{cp850}{FB}{00B9}% SUPERSCRIPIT ONE  
 4012 \SE@MapDeclare{cp850}{FC}{00B3}% SUPERSCRIPIT THREE  
 4013 \SE@MapDeclare{cp850}{FD}{00B2}% SUPERSCRIPIT TWO  
 4014 \SE@MapDeclare{cp850}{FE}{25A0}% BLACK SQUARE  
 4015 \SE@MapDeclare{cp850}{FF}{00A0}% NO-BREAK SPACE  
 4016 (/cp850)

## cp852

4017 (\*cp852)  
 4018 \SE@MapDeclare{cp852}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4019 \SE@MapDeclare{cp852}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4020 \SE@MapDeclare{cp852}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4021 \SE@MapDeclare{cp852}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4022 \SE@MapDeclare{cp852}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4023 \SE@MapDeclare{cp852}{85}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 4024 \SE@MapDeclare{cp852}{86}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 4025 \SE@MapDeclare{cp852}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4026 \SE@MapDeclare{cp852}{88}{0142}% LATIN SMALL LETTER L WITH STROKE  
 4027 \SE@MapDeclare{cp852}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4028 \SE@MapDeclare{cp852}{8A}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 4029 \SE@MapDeclare{cp852}{8B}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 4030 \SE@MapDeclare{cp852}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4031 \SE@MapDeclare{cp852}{8D}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 4032 \SE@MapDeclare{cp852}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4033 \SE@MapDeclare{cp852}{8F}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 4034 \SE@MapDeclare{cp852}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4035 \SE@MapDeclare{cp852}{91}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 4036 \SE@MapDeclare{cp852}{92}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 4037 \SE@MapDeclare{cp852}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4038 \SE@MapDeclare{cp852}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4039 \SE@MapDeclare{cp852}{95}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 4040 \SE@MapDeclare{cp852}{96}{013E}% LATIN SMALL LETTER L WITH CARON  
 4041 \SE@MapDeclare{cp852}{97}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 4042 \SE@MapDeclare{cp852}{98}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 4043 \SE@MapDeclare{cp852}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4044 \SE@MapDeclare{cp852}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4045 \SE@MapDeclare{cp852}{9B}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 4046 \SE@MapDeclare{cp852}{9C}{0165}% LATIN SMALL LETTER T WITH CARON  
 4047 \SE@MapDeclare{cp852}{9D}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 4048 \SE@MapDeclare{cp852}{9E}{00D7}% MULTIPLICATION SIGN  
 4049 \SE@MapDeclare{cp852}{9F}{010D}% LATIN SMALL LETTER C WITH CARON  
 4050 \SE@MapDeclare{cp852}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4051 \SE@MapDeclare{cp852}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4052 \SE@MapDeclare{cp852}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4053 \SE@MapDeclare{cp852}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4054 \SE@MapDeclare{cp852}{A4}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 4055 \SE@MapDeclare{cp852}{A5}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 4056 \SE@MapDeclare{cp852}{A6}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 4057 \SE@MapDeclare{cp852}{A7}{017E}% LATIN SMALL LETTER Z WITH CARON  
 4058 \SE@MapDeclare{cp852}{A8}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 4059 \SE@MapDeclare{cp852}{A9}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 4060 \SE@MapDeclare{cp852}{AA}{00AC}% NOT SIGN  
 4061 \SE@MapDeclare{cp852}{AB}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 4062 \SE@MapDeclare{cp852}{AC}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 4063 \SE@MapDeclare{cp852}{AD}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 4064 \SE@MapDeclare{cp852}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK

4065 \SE@MapDeclare{cp852}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4066 \SE@MapDeclare{cp852}{B0}{2591}% LIGHT SHADE  
 4067 \SE@MapDeclare{cp852}{B1}{2592}% MEDIUM SHADE  
 4068 \SE@MapDeclare{cp852}{B2}{2593}% DARK SHADE  
 4069 \SE@MapDeclare{cp852}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4070 \SE@MapDeclare{cp852}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4071 \SE@MapDeclare{cp852}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4072 \SE@MapDeclare{cp852}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4073 \SE@MapDeclare{cp852}{B7}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 4074 \SE@MapDeclare{cp852}{B8}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 4075 \SE@MapDeclare{cp852}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4076 \SE@MapDeclare{cp852}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4077 \SE@MapDeclare{cp852}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4078 \SE@MapDeclare{cp852}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4079 \SE@MapDeclare{cp852}{BD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 4080 \SE@MapDeclare{cp852}{BE}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 4081 \SE@MapDeclare{cp852}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4082 \SE@MapDeclare{cp852}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4083 \SE@MapDeclare{cp852}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4084 \SE@MapDeclare{cp852}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4085 \SE@MapDeclare{cp852}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4086 \SE@MapDeclare{cp852}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4087 \SE@MapDeclare{cp852}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4088 \SE@MapDeclare{cp852}{C6}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 4089 \SE@MapDeclare{cp852}{C7}{0103}% LATIN SMALL LETTER A WITH BREVE  
 4090 \SE@MapDeclare{cp852}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4091 \SE@MapDeclare{cp852}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4092 \SE@MapDeclare{cp852}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4093 \SE@MapDeclare{cp852}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4094 \SE@MapDeclare{cp852}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4095 \SE@MapDeclare{cp852}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4096 \SE@MapDeclare{cp852}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4097 \SE@MapDeclare{cp852}{CF}{00A4}% CURRENCY SIGN  
 4098 \SE@MapDeclare{cp852}{D0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 4099 \SE@MapDeclare{cp852}{D1}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 4100 \SE@MapDeclare{cp852}{D2}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 4101 \SE@MapDeclare{cp852}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4102 \SE@MapDeclare{cp852}{D4}{010F}% LATIN SMALL LETTER D WITH CARON  
 4103 \SE@MapDeclare{cp852}{D5}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 4104 \SE@MapDeclare{cp852}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4105 \SE@MapDeclare{cp852}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4106 \SE@MapDeclare{cp852}{D8}{011B}% LATIN SMALL LETTER E WITH CARON  
 4107 \SE@MapDeclare{cp852}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4108 \SE@MapDeclare{cp852}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4109 \SE@MapDeclare{cp852}{DB}{2588}% FULL BLOCK  
 4110 \SE@MapDeclare{cp852}{DC}{2584}% LOWER HALF BLOCK  
 4111 \SE@MapDeclare{cp852}{DD}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 4112 \SE@MapDeclare{cp852}{DE}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 4113 \SE@MapDeclare{cp852}{DF}{2580}% UPPER HALF BLOCK  
 4114 \SE@MapDeclare{cp852}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4115 \SE@MapDeclare{cp852}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4116 \SE@MapDeclare{cp852}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4117 \SE@MapDeclare{cp852}{E3}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 4118 \SE@MapDeclare{cp852}{E4}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 4119 \SE@MapDeclare{cp852}{E5}{0148}% LATIN SMALL LETTER N WITH CARON  
 4120 \SE@MapDeclare{cp852}{E6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 4121 \SE@MapDeclare{cp852}{E7}{0161}% LATIN SMALL LETTER S WITH CARON  
 4122 \SE@MapDeclare{cp852}{E8}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 4123 \SE@MapDeclare{cp852}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4124 \SE@MapDeclare{cp852}{EA}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 4125 \SE@MapDeclare{cp852}{EB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 4126 \SE@MapDeclare{cp852}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4127 \SE@MapDeclare{cp852}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4128 \SE@MapDeclare{cp852}{EE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 4129 \SE@MapDeclare{cp852}{EF}{00B4}% ACUTE ACCENT  
 4130 \SE@MapDeclare{cp852}{F0}{00AD}% SOFT HYPHEN  
 4131 \SE@MapDeclare{cp852}{F1}{02DD}% DOUBLE ACUTE ACCENT  
 4132 \SE@MapDeclare{cp852}{F2}{02DB}% OGONEK  
 4133 \SE@MapDeclare{cp852}{F3}{02C7}% CARON  
 4134 \SE@MapDeclare{cp852}{F4}{02D8}% BREVE  
 4135 \SE@MapDeclare{cp852}{F5}{00A7}% SECTION SIGN  
 4136 \SE@MapDeclare{cp852}{F6}{00F7}% DIVISION SIGN  
 4137 \SE@MapDeclare{cp852}{F7}{00B8}% CEDILLA  
 4138 \SE@MapDeclare{cp852}{F8}{00B0}% DEGREE SIGN  
 4139 \SE@MapDeclare{cp852}{F9}{00A8}% DIAERESIS  
 4140 \SE@MapDeclare{cp852}{FA}{02D9}% DOT ABOVE  
 4141 \SE@MapDeclare{cp852}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 4142 \SE@MapDeclare{cp852}{FC}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 4143 \SE@MapDeclare{cp852}{FD}{0159}% LATIN SMALL LETTER R WITH CARON  
 4144 \SE@MapDeclare{cp852}{FE}{25A0}% BLACK SQUARE  
 4145 \SE@MapDeclare{cp852}{FF}{00A0}% NO-BREAK SPACE  
 4146 </cp852>

cp855

4147 (\*cp855)  
4148 \SE@MapDeclare{cp855}{80}{0452}% CYRILLIC SMALL LETTER DJE  
4149 \SE@MapDeclare{cp855}{81}{0402}% CYRILLIC CAPITAL LETTER DJE  
4150 \SE@MapDeclare{cp855}{82}{0453}% CYRILLIC SMALL LETTER GJE  
4151 \SE@MapDeclare{cp855}{83}{0403}% CYRILLIC CAPITAL LETTER GJE  
4152 \SE@MapDeclare{cp855}{84}{0451}% CYRILLIC SMALL LETTER IO  
4153 \SE@MapDeclare{cp855}{85}{0401}% CYRILLIC CAPITAL LETTER IO  
4154 \SE@MapDeclare{cp855}{86}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
4155 \SE@MapDeclare{cp855}{87}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
4156 \SE@MapDeclare{cp855}{88}{0455}% CYRILLIC SMALL LETTER DZE  
4157 \SE@MapDeclare{cp855}{89}{0405}% CYRILLIC CAPITAL LETTER DZE  
4158 \SE@MapDeclare{cp855}{8A}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
4159 \SE@MapDeclare{cp855}{8B}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
4160 \SE@MapDeclare{cp855}{8C}{0457}% CYRILLIC SMALL LETTER YI  
4161 \SE@MapDeclare{cp855}{8D}{0407}% CYRILLIC CAPITAL LETTER YI  
4162 \SE@MapDeclare{cp855}{8E}{0458}% CYRILLIC SMALL LETTER JE  
4163 \SE@MapDeclare{cp855}{8F}{0408}% CYRILLIC CAPITAL LETTER JE  
4164 \SE@MapDeclare{cp855}{90}{0459}% CYRILLIC SMALL LETTER LJE  
4165 \SE@MapDeclare{cp855}{91}{0409}% CYRILLIC CAPITAL LETTER LJE  
4166 \SE@MapDeclare{cp855}{92}{045A}% CYRILLIC SMALL LETTER NJE  
4167 \SE@MapDeclare{cp855}{93}{040A}% CYRILLIC CAPITAL LETTER NJE  
4168 \SE@MapDeclare{cp855}{94}{045B}% CYRILLIC SMALL LETTER TSHE  
4169 \SE@MapDeclare{cp855}{95}{040B}% CYRILLIC CAPITAL LETTER TSHE  
4170 \SE@MapDeclare{cp855}{96}{045C}% CYRILLIC SMALL LETTER KJE  
4171 \SE@MapDeclare{cp855}{97}{040C}% CYRILLIC CAPITAL LETTER KJE  
4172 \SE@MapDeclare{cp855}{98}{045E}% CYRILLIC SMALL LETTER SHORT U  
4173 \SE@MapDeclare{cp855}{99}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
4174 \SE@MapDeclare{cp855}{9A}{045F}% CYRILLIC SMALL LETTER DZHE  
4175 \SE@MapDeclare{cp855}{9B}{040F}% CYRILLIC CAPITAL LETTER DZHE  
4176 \SE@MapDeclare{cp855}{9C}{044E}% CYRILLIC SMALL LETTER YU  
4177 \SE@MapDeclare{cp855}{9D}{042E}% CYRILLIC CAPITAL LETTER YU  
4178 \SE@MapDeclare{cp855}{9E}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
4179 \SE@MapDeclare{cp855}{9F}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
4180 \SE@MapDeclare{cp855}{A0}{0430}% CYRILLIC SMALL LETTER A  
4181 \SE@MapDeclare{cp855}{A1}{0410}% CYRILLIC CAPITAL LETTER A  
4182 \SE@MapDeclare{cp855}{A2}{0431}% CYRILLIC SMALL LETTER BE  
4183 \SE@MapDeclare{cp855}{A3}{0411}% CYRILLIC CAPITAL LETTER BE  
4184 \SE@MapDeclare{cp855}{A4}{0446}% CYRILLIC SMALL LETTER TSE  
4185 \SE@MapDeclare{cp855}{A5}{0426}% CYRILLIC CAPITAL LETTER TSE  
4186 \SE@MapDeclare{cp855}{A6}{0434}% CYRILLIC SMALL LETTER DE  
4187 \SE@MapDeclare{cp855}{A7}{0414}% CYRILLIC CAPITAL LETTER DE  
4188 \SE@MapDeclare{cp855}{A8}{0435}% CYRILLIC SMALL LETTER IE  
4189 \SE@MapDeclare{cp855}{A9}{0415}% CYRILLIC CAPITAL LETTER IE  
4190 \SE@MapDeclare{cp855}{AA}{0444}% CYRILLIC SMALL LETTER EF  
4191 \SE@MapDeclare{cp855}{AB}{0424}% CYRILLIC CAPITAL LETTER EF  
4192 \SE@MapDeclare{cp855}{AC}{0433}% CYRILLIC SMALL LETTER GHE  
4193 \SE@MapDeclare{cp855}{AD}{0413}% CYRILLIC CAPITAL LETTER GHE  
4194 \SE@MapDeclare{cp855}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
4195 \SE@MapDeclare{cp855}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
4196 \SE@MapDeclare{cp855}{B0}{2591}% LIGHT SHADE  
4197 \SE@MapDeclare{cp855}{B1}{2592}% MEDIUM SHADE  
4198 \SE@MapDeclare{cp855}{B2}{2593}% DARK SHADE  
4199 \SE@MapDeclare{cp855}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
4200 \SE@MapDeclare{cp855}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
4201 \SE@MapDeclare{cp855}{B5}{0445}% CYRILLIC SMALL LETTER HA  
4202 \SE@MapDeclare{cp855}{B6}{0425}% CYRILLIC CAPITAL LETTER HA  
4203 \SE@MapDeclare{cp855}{B7}{0438}% CYRILLIC SMALL LETTER I  
4204 \SE@MapDeclare{cp855}{B8}{0418}% CYRILLIC CAPITAL LETTER I  
4205 \SE@MapDeclare{cp855}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
4206 \SE@MapDeclare{cp855}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
4207 \SE@MapDeclare{cp855}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
4208 \SE@MapDeclare{cp855}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
4209 \SE@MapDeclare{cp855}{BD}{0439}% CYRILLIC SMALL LETTER SHORT I  
4210 \SE@MapDeclare{cp855}{BE}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
4211 \SE@MapDeclare{cp855}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
4212 \SE@MapDeclare{cp855}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
4213 \SE@MapDeclare{cp855}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
4214 \SE@MapDeclare{cp855}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
4215 \SE@MapDeclare{cp855}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
4216 \SE@MapDeclare{cp855}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
4217 \SE@MapDeclare{cp855}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
4218 \SE@MapDeclare{cp855}{C6}{043A}% CYRILLIC SMALL LETTER KA  
4219 \SE@MapDeclare{cp855}{C7}{041A}% CYRILLIC CAPITAL LETTER KA  
4220 \SE@MapDeclare{cp855}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
4221 \SE@MapDeclare{cp855}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
4222 \SE@MapDeclare{cp855}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
4223 \SE@MapDeclare{cp855}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
4224 \SE@MapDeclare{cp855}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
4225 \SE@MapDeclare{cp855}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
4226 \SE@MapDeclare{cp855}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
4227 \SE@MapDeclare{cp855}{CF}{00A4}% CURRENCY SIGN  
4228 \SE@MapDeclare{cp855}{D0}{043B}% CYRILLIC SMALL LETTER EL  
4229 \SE@MapDeclare{cp855}{D1}{041B}% CYRILLIC CAPITAL LETTER EL  
4230 \SE@MapDeclare{cp855}{D2}{043C}% CYRILLIC SMALL LETTER EM  
4231 \SE@MapDeclare{cp855}{D3}{041C}% CYRILLIC CAPITAL LETTER EM  
4232 \SE@MapDeclare{cp855}{D4}{043D}% CYRILLIC SMALL LETTER EN



4233 \SE@MapDeclare{cp855}{D5}{041D}% CYRILLIC CAPITAL LETTER EN  
 4234 \SE@MapDeclare{cp855}{D6}{043E}% CYRILLIC SMALL LETTER O  
 4235 \SE@MapDeclare{cp855}{D7}{041E}% CYRILLIC CAPITAL LETTER O  
 4236 \SE@MapDeclare{cp855}{D8}{043F}% CYRILLIC SMALL LETTER PE  
 4237 \SE@MapDeclare{cp855}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4238 \SE@MapDeclare{cp855}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4239 \SE@MapDeclare{cp855}{DB}{2588}% FULL BLOCK  
 4240 \SE@MapDeclare{cp855}{DC}{2584}% LOWER HALF BLOCK  
 4241 \SE@MapDeclare{cp855}{DD}{041F}% CYRILLIC CAPITAL LETTER PE  
 4242 \SE@MapDeclare{cp855}{DE}{044F}% CYRILLIC SMALL LETTER YA  
 4243 \SE@MapDeclare{cp855}{DF}{2580}% UPPER HALF BLOCK  
 4244 \SE@MapDeclare{cp855}{E0}{042F}% CYRILLIC CAPITAL LETTER YA  
 4245 \SE@MapDeclare{cp855}{E1}{0440}% CYRILLIC SMALL LETTER ER  
 4246 \SE@MapDeclare{cp855}{E2}{0420}% CYRILLIC CAPITAL LETTER ER  
 4247 \SE@MapDeclare{cp855}{E3}{0441}% CYRILLIC SMALL LETTER ES  
 4248 \SE@MapDeclare{cp855}{E4}{0421}% CYRILLIC CAPITAL LETTER ES  
 4249 \SE@MapDeclare{cp855}{E5}{0442}% CYRILLIC SMALL LETTER TE  
 4250 \SE@MapDeclare{cp855}{E6}{0422}% CYRILLIC CAPITAL LETTER TE  
 4251 \SE@MapDeclare{cp855}{E7}{0443}% CYRILLIC SMALL LETTER U  
 4252 \SE@MapDeclare{cp855}{E8}{0423}% CYRILLIC CAPITAL LETTER U  
 4253 \SE@MapDeclare{cp855}{E9}{0436}% CYRILLIC SMALL LETTER ZHE  
 4254 \SE@MapDeclare{cp855}{EA}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4255 \SE@MapDeclare{cp855}{EB}{0432}% CYRILLIC SMALL LETTER VE  
 4256 \SE@MapDeclare{cp855}{EC}{0412}% CYRILLIC CAPITAL LETTER VE  
 4257 \SE@MapDeclare{cp855}{ED}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4258 \SE@MapDeclare{cp855}{EE}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4259 \SE@MapDeclare{cp855}{EF}{2116}% NUMERO SIGN  
 4260 \SE@MapDeclare{cp855}{F0}{00AD}% SOFT HYPHEN  
 4261 \SE@MapDeclare{cp855}{F1}{044B}% CYRILLIC SMALL LETTER YERU  
 4262 \SE@MapDeclare{cp855}{F2}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4263 \SE@MapDeclare{cp855}{F3}{0437}% CYRILLIC SMALL LETTER ZE  
 4264 \SE@MapDeclare{cp855}{F4}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4265 \SE@MapDeclare{cp855}{F5}{0448}% CYRILLIC SMALL LETTER SHA  
 4266 \SE@MapDeclare{cp855}{F6}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4267 \SE@MapDeclare{cp855}{F7}{044D}% CYRILLIC SMALL LETTER E  
 4268 \SE@MapDeclare{cp855}{F8}{042D}% CYRILLIC CAPITAL LETTER E  
 4269 \SE@MapDeclare{cp855}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4270 \SE@MapDeclare{cp855}{FA}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4271 \SE@MapDeclare{cp855}{FB}{0447}% CYRILLIC SMALL LETTER CHE  
 4272 \SE@MapDeclare{cp855}{FC}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4273 \SE@MapDeclare{cp855}{FD}{00A7}% SECTION SIGN  
 4274 \SE@MapDeclare{cp855}{FE}{25A0}% BLACK SQUARE  
 4275 \SE@MapDeclare{cp855}{FF}{00A0}% NO-BREAK SPACE  
 4276 (/cp855)

## cp858

4277 (\*cp858)  
 4278 \SE@MapDeclare{cp858}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4279 \SE@MapDeclare{cp858}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4280 \SE@MapDeclare{cp858}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4281 \SE@MapDeclare{cp858}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4282 \SE@MapDeclare{cp858}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4283 \SE@MapDeclare{cp858}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 4284 \SE@MapDeclare{cp858}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 4285 \SE@MapDeclare{cp858}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4286 \SE@MapDeclare{cp858}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 4287 \SE@MapDeclare{cp858}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4288 \SE@MapDeclare{cp858}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 4289 \SE@MapDeclare{cp858}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 4290 \SE@MapDeclare{cp858}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4291 \SE@MapDeclare{cp858}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 4292 \SE@MapDeclare{cp858}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4293 \SE@MapDeclare{cp858}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 4294 \SE@MapDeclare{cp858}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4295 \SE@MapDeclare{cp858}{91}{00E6}% LATIN SMALL LIGATURE AE  
 4296 \SE@MapDeclare{cp858}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 4297 \SE@MapDeclare{cp858}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4298 \SE@MapDeclare{cp858}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4299 \SE@MapDeclare{cp858}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 4300 \SE@MapDeclare{cp858}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 4301 \SE@MapDeclare{cp858}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 4302 \SE@MapDeclare{cp858}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 4303 \SE@MapDeclare{cp858}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4304 \SE@MapDeclare{cp858}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4305 \SE@MapDeclare{cp858}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4306 \SE@MapDeclare{cp858}{9C}{00A3}% POUND SIGN  
 4307 \SE@MapDeclare{cp858}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4308 \SE@MapDeclare{cp858}{9E}{00D7}% MULTIPLICATION SIGN  
 4309 \SE@MapDeclare{cp858}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 4310 \SE@MapDeclare{cp858}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4311 \SE@MapDeclare{cp858}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4312 \SE@MapDeclare{cp858}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4313 \SE@MapDeclare{cp858}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4314 \SE@MapDeclare{cp858}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE

4315 \SE@MapDeclare{cp858}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 4316 \SE@MapDeclare{cp858}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 4317 \SE@MapDeclare{cp858}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 4318 \SE@MapDeclare{cp858}{A8}{00BF}% INVERTED QUESTION MARK  
 4319 \SE@MapDeclare{cp858}{A9}{00AE}% REGISTERED SIGN  
 4320 \SE@MapDeclare{cp858}{AA}{00AC}% NOT SIGN  
 4321 \SE@MapDeclare{cp858}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 4322 \SE@MapDeclare{cp858}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4323 \SE@MapDeclare{cp858}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 4324 \SE@MapDeclare{cp858}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4325 \SE@MapDeclare{cp858}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4326 \SE@MapDeclare{cp858}{B0}{2591}% LIGHT SHADE  
 4327 \SE@MapDeclare{cp858}{B1}{2592}% MEDIUM SHADE  
 4328 \SE@MapDeclare{cp858}{B2}{2593}% DARK SHADE  
 4329 \SE@MapDeclare{cp858}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4330 \SE@MapDeclare{cp858}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4331 \SE@MapDeclare{cp858}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4332 \SE@MapDeclare{cp858}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4333 \SE@MapDeclare{cp858}{B7}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 4334 \SE@MapDeclare{cp858}{B8}{00A9}% COPYRIGHT SIGN  
 4335 \SE@MapDeclare{cp858}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4336 \SE@MapDeclare{cp858}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4337 \SE@MapDeclare{cp858}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4338 \SE@MapDeclare{cp858}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4339 \SE@MapDeclare{cp858}{BD}{00A2}% CENT SIGN  
 4340 \SE@MapDeclare{cp858}{BE}{00A5}% YEN SIGN  
 4341 \SE@MapDeclare{cp858}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4342 \SE@MapDeclare{cp858}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4343 \SE@MapDeclare{cp858}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4344 \SE@MapDeclare{cp858}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4345 \SE@MapDeclare{cp858}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4346 \SE@MapDeclare{cp858}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4347 \SE@MapDeclare{cp858}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4348 \SE@MapDeclare{cp858}{C6}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 4349 \SE@MapDeclare{cp858}{C7}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 4350 \SE@MapDeclare{cp858}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4351 \SE@MapDeclare{cp858}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4352 \SE@MapDeclare{cp858}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4353 \SE@MapDeclare{cp858}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4354 \SE@MapDeclare{cp858}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4355 \SE@MapDeclare{cp858}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4356 \SE@MapDeclare{cp858}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4357 \SE@MapDeclare{cp858}{CF}{00A4}% CURRENCY SIGN  
 4358 \SE@MapDeclare{cp858}{D0}{00F0}% LATIN SMALL LETTER ETH  
 4359 \SE@MapDeclare{cp858}{D1}{00D0}% LATIN CAPITAL LETTER ETH  
 4360 \SE@MapDeclare{cp858}{D2}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 4361 \SE@MapDeclare{cp858}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4362 \SE@MapDeclare{cp858}{D4}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 4363 \SE@MapDeclare{cp858}{D5}{20AC}% EURO SIGN  
 4364 \SE@MapDeclare{cp858}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4365 \SE@MapDeclare{cp858}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4366 \SE@MapDeclare{cp858}{D8}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 4367 \SE@MapDeclare{cp858}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4368 \SE@MapDeclare{cp858}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4369 \SE@MapDeclare{cp858}{DB}{2588}% FULL BLOCK  
 4370 \SE@MapDeclare{cp858}{DC}{2584}% LOWER HALF BLOCK  
 4371 \SE@MapDeclare{cp858}{DD}{00A6}% BROKEN BAR  
 4372 \SE@MapDeclare{cp858}{DE}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 4373 \SE@MapDeclare{cp858}{DF}{2580}% UPPER HALF BLOCK  
 4374 \SE@MapDeclare{cp858}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4375 \SE@MapDeclare{cp858}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4376 \SE@MapDeclare{cp858}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4377 \SE@MapDeclare{cp858}{E3}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 4378 \SE@MapDeclare{cp858}{E4}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 4379 \SE@MapDeclare{cp858}{E5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 4380 \SE@MapDeclare{cp858}{E6}{00B5}% MICRO SIGN  
 4381 \SE@MapDeclare{cp858}{E7}{00FE}% LATIN SMALL LETTER THORN  
 4382 \SE@MapDeclare{cp858}{E8}{00DE}% LATIN CAPITAL LETTER THORN  
 4383 \SE@MapDeclare{cp858}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4384 \SE@MapDeclare{cp858}{EA}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 4385 \SE@MapDeclare{cp858}{EB}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 4386 \SE@MapDeclare{cp858}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4387 \SE@MapDeclare{cp858}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4388 \SE@MapDeclare{cp858}{EE}{00AF}% MACRON  
 4389 \SE@MapDeclare{cp858}{EF}{00B4}% ACUTE ACCENT  
 4390 \SE@MapDeclare{cp858}{F0}{00AD}% SOFT HYPHEN  
 4391 \SE@MapDeclare{cp858}{F1}{00B1}% PLUS-MINUS SIGN  
 4392 \SE@MapDeclare{cp858}{F2}{2017}% DOUBLE LOW LINE  
 4393 \SE@MapDeclare{cp858}{F3}{00BE}% VULGAR FRACTION THREE QUARTERS  
 4394 \SE@MapDeclare{cp858}{F4}{00B6}% PILCROW SIGN  
 4395 \SE@MapDeclare{cp858}{F5}{00A7}% SECTION SIGN  
 4396 \SE@MapDeclare{cp858}{F6}{00F7}% DIVISION SIGN  
 4397 \SE@MapDeclare{cp858}{F7}{00B8}% CEDILLA  
 4398 \SE@MapDeclare{cp858}{F8}{00B0}% DEGREE SIGN  
 4399 \SE@MapDeclare{cp858}{F9}{00A8}% DIAERESIS  
 4400 \SE@MapDeclare{cp858}{FA}{00B7}% MIDDLE DOT

4401 \SE@MapDeclare{cp858}{FB}{00B9}% SUPERSCRIT ONE  
 4402 \SE@MapDeclare{cp858}{FC}{00B3}% SUPERSCRIT THREE  
 4403 \SE@MapDeclare{cp858}{FD}{00B2}% SUPERSCRIT TWO  
 4404 \SE@MapDeclare{cp858}{FE}{25A0}% BLACK SQUARE  
 4405 \SE@MapDeclare{cp858}{FF}{00A0}% NO-BREAK SPACE  
 4406 (/cp858)

## cp865

4407 (\*cp865)  
 4408 \SE@MapDeclare{cp865}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4409 \SE@MapDeclare{cp865}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4410 \SE@MapDeclare{cp865}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4411 \SE@MapDeclare{cp865}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4412 \SE@MapDeclare{cp865}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4413 \SE@MapDeclare{cp865}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 4414 \SE@MapDeclare{cp865}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 4415 \SE@MapDeclare{cp865}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4416 \SE@MapDeclare{cp865}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 4417 \SE@MapDeclare{cp865}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4418 \SE@MapDeclare{cp865}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 4419 \SE@MapDeclare{cp865}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 4420 \SE@MapDeclare{cp865}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4421 \SE@MapDeclare{cp865}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 4422 \SE@MapDeclare{cp865}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4423 \SE@MapDeclare{cp865}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 4424 \SE@MapDeclare{cp865}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4425 \SE@MapDeclare{cp865}{91}{00E6}% LATIN SMALL LIGATURE AE  
 4426 \SE@MapDeclare{cp865}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 4427 \SE@MapDeclare{cp865}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4428 \SE@MapDeclare{cp865}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4429 \SE@MapDeclare{cp865}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 4430 \SE@MapDeclare{cp865}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 4431 \SE@MapDeclare{cp865}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 4432 \SE@MapDeclare{cp865}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 4433 \SE@MapDeclare{cp865}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4434 \SE@MapDeclare{cp865}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4435 \SE@MapDeclare{cp865}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4436 \SE@MapDeclare{cp865}{9C}{00A3}% POUND SIGN  
 4437 \SE@MapDeclare{cp865}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4438 \SE@MapDeclare{cp865}{9E}{20A7}% PESETA SIGN  
 4439 \SE@MapDeclare{cp865}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 4440 \SE@MapDeclare{cp865}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4441 \SE@MapDeclare{cp865}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4442 \SE@MapDeclare{cp865}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4443 \SE@MapDeclare{cp865}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4444 \SE@MapDeclare{cp865}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 4445 \SE@MapDeclare{cp865}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 4446 \SE@MapDeclare{cp865}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 4447 \SE@MapDeclare{cp865}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 4448 \SE@MapDeclare{cp865}{A8}{00BF}% INVERTED QUESTION MARK  
 4449 \SE@MapDeclare{cp865}{A9}{2310}% REVERSED NOT SIGN  
 4450 \SE@MapDeclare{cp865}{AA}{00AC}% NOT SIGN  
 4451 \SE@MapDeclare{cp865}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 4452 \SE@MapDeclare{cp865}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4453 \SE@MapDeclare{cp865}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 4454 \SE@MapDeclare{cp865}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4455 \SE@MapDeclare{cp865}{AF}{00A4}% CURRENCY SIGN  
 4456 \SE@MapDeclare{cp865}{B0}{2591}% LIGHT SHADE  
 4457 \SE@MapDeclare{cp865}{B1}{2592}% MEDIUM SHADE  
 4458 \SE@MapDeclare{cp865}{B2}{2593}% DARK SHADE  
 4459 \SE@MapDeclare{cp865}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4460 \SE@MapDeclare{cp865}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4461 \SE@MapDeclare{cp865}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 4462 \SE@MapDeclare{cp865}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 4463 \SE@MapDeclare{cp865}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 4464 \SE@MapDeclare{cp865}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 4465 \SE@MapDeclare{cp865}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4466 \SE@MapDeclare{cp865}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4467 \SE@MapDeclare{cp865}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4468 \SE@MapDeclare{cp865}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4469 \SE@MapDeclare{cp865}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 4470 \SE@MapDeclare{cp865}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 4471 \SE@MapDeclare{cp865}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4472 \SE@MapDeclare{cp865}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4473 \SE@MapDeclare{cp865}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4474 \SE@MapDeclare{cp865}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4475 \SE@MapDeclare{cp865}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4476 \SE@MapDeclare{cp865}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4477 \SE@MapDeclare{cp865}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4478 \SE@MapDeclare{cp865}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 4479 \SE@MapDeclare{cp865}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 4480 \SE@MapDeclare{cp865}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4481 \SE@MapDeclare{cp865}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4482 \SE@MapDeclare{cp865}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL

4483 \SE@MapDeclare{cp865}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4484 \SE@MapDeclare{cp865}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4485 \SE@MapDeclare{cp865}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4486 \SE@MapDeclare{cp865}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4487 \SE@MapDeclare{cp865}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 4488 \SE@MapDeclare{cp865}{DO}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 4489 \SE@MapDeclare{cp865}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 4490 \SE@MapDeclare{cp865}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 4491 \SE@MapDeclare{cp865}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 4492 \SE@MapDeclare{cp865}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 4493 \SE@MapDeclare{cp865}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 4494 \SE@MapDeclare{cp865}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 4495 \SE@MapDeclare{cp865}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 4496 \SE@MapDeclare{cp865}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 4497 \SE@MapDeclare{cp865}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4498 \SE@MapDeclare{cp865}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4499 \SE@MapDeclare{cp865}{DB}{2588}% FULL BLOCK  
 4500 \SE@MapDeclare{cp865}{DC}{2584}% LOWER HALF BLOCK  
 4501 \SE@MapDeclare{cp865}{DD}{258C}% LEFT HALF BLOCK  
 4502 \SE@MapDeclare{cp865}{DE}{2590}% RIGHT HALF BLOCK  
 4503 \SE@MapDeclare{cp865}{DF}{2580}% UPPER HALF BLOCK  
 4504 \SE@MapDeclare{cp865}{E0}{03B1}% GREEK SMALL LETTER ALPHA  
 4505 \SE@MapDeclare{cp865}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4506 \SE@MapDeclare{cp865}{E2}{0393}% GREEK CAPITAL LETTER GAMMA  
 4507 \SE@MapDeclare{cp865}{E3}{03C0}% GREEK SMALL LETTER PI  
 4508 \SE@MapDeclare{cp865}{E4}{03A3}% GREEK CAPITAL LETTER SIGMA  
 4509 \SE@MapDeclare{cp865}{E5}{03C3}% GREEK SMALL LETTER SIGMA  
 4510 \SE@MapDeclare{cp865}{E6}{00B5}% MICRO SIGN  
 4511 \SE@MapDeclare{cp865}{E7}{03C4}% GREEK SMALL LETTER TAU  
 4512 \SE@MapDeclare{cp865}{E8}{03A6}% GREEK CAPITAL LETTER PHI  
 4513 \SE@MapDeclare{cp865}{E9}{0398}% GREEK CAPITAL LETTER THETA  
 4514 \SE@MapDeclare{cp865}{EA}{03A9}% GREEK CAPITAL LETTER OMEGA  
 4515 \SE@MapDeclare{cp865}{EB}{03B4}% GREEK SMALL LETTER DELTA  
 4516 \SE@MapDeclare{cp865}{EC}{221E}% INFINITY  
 4517 \SE@MapDeclare{cp865}{ED}{03C6}% GREEK SMALL LETTER PHI  
 4518 \SE@MapDeclare{cp865}{EE}{03B5}% GREEK SMALL LETTER EPSILON  
 4519 \SE@MapDeclare{cp865}{EF}{2229}% INTERSECTION  
 4520 \SE@MapDeclare{cp865}{F0}{2261}% IDENTICAL TO  
 4521 \SE@MapDeclare{cp865}{F1}{00B1}% PLUS-MINUS SIGN  
 4522 \SE@MapDeclare{cp865}{F2}{2265}% GREATER-THAN OR EQUAL TO  
 4523 \SE@MapDeclare{cp865}{F3}{2264}% LESS-THAN OR EQUAL TO  
 4524 \SE@MapDeclare{cp865}{F4}{2320}% TOP HALF INTEGRAL  
 4525 \SE@MapDeclare{cp865}{F5}{2321}% BOTTOM HALF INTEGRAL  
 4526 \SE@MapDeclare{cp865}{F6}{00F7}% DIVISION SIGN  
 4527 \SE@MapDeclare{cp865}{F7}{2248}% ALMOST EQUAL TO  
 4528 \SE@MapDeclare{cp865}{F8}{00B0}% DEGREE SIGN  
 4529 \SE@MapDeclare{cp865}{F9}{2219}% BULLET OPERATOR  
 4530 \SE@MapDeclare{cp865}{FA}{00B7}% MIDDLE DOT  
 4531 \SE@MapDeclare{cp865}{FB}{221A}% SQUARE ROOT  
 4532 \SE@MapDeclare{cp865}{FC}{207F}% SUPERSCRITPT LATIN SMALL LETTER N  
 4533 \SE@MapDeclare{cp865}{FD}{00B2}% SUPERSCRITPT TWO  
 4534 \SE@MapDeclare{cp865}{FE}{25A0}% BLACK SQUARE  
 4535 \SE@MapDeclare{cp865}{FF}{00A0}% NO-BREAK SPACE  
 4536 \SE@MapDeclare{cp865}

## cp866

4537 \SE@MapDeclare{cp866}  
 4538 \SE@MapDeclare{cp866}{80}{0410}% CYRILLIC CAPITAL LETTER A  
 4539 \SE@MapDeclare{cp866}{81}{0411}% CYRILLIC CAPITAL LETTER BE  
 4540 \SE@MapDeclare{cp866}{82}{0412}% CYRILLIC CAPITAL LETTER VE  
 4541 \SE@MapDeclare{cp866}{83}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4542 \SE@MapDeclare{cp866}{84}{0414}% CYRILLIC CAPITAL LETTER DE  
 4543 \SE@MapDeclare{cp866}{85}{0415}% CYRILLIC CAPITAL LETTER IE  
 4544 \SE@MapDeclare{cp866}{86}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4545 \SE@MapDeclare{cp866}{87}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4546 \SE@MapDeclare{cp866}{88}{0418}% CYRILLIC CAPITAL LETTER I  
 4547 \SE@MapDeclare{cp866}{89}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4548 \SE@MapDeclare{cp866}{8A}{041A}% CYRILLIC CAPITAL LETTER KA  
 4549 \SE@MapDeclare{cp866}{8B}{041B}% CYRILLIC CAPITAL LETTER EL  
 4550 \SE@MapDeclare{cp866}{8C}{041C}% CYRILLIC CAPITAL LETTER EM  
 4551 \SE@MapDeclare{cp866}{8D}{041D}% CYRILLIC CAPITAL LETTER EN  
 4552 \SE@MapDeclare{cp866}{8E}{041E}% CYRILLIC CAPITAL LETTER O  
 4553 \SE@MapDeclare{cp866}{8F}{041F}% CYRILLIC CAPITAL LETTER PE  
 4554 \SE@MapDeclare{cp866}{90}{0420}% CYRILLIC CAPITAL LETTER ER  
 4555 \SE@MapDeclare{cp866}{91}{0421}% CYRILLIC CAPITAL LETTER ES  
 4556 \SE@MapDeclare{cp866}{92}{0422}% CYRILLIC CAPITAL LETTER TE  
 4557 \SE@MapDeclare{cp866}{93}{0423}% CYRILLIC CAPITAL LETTER U  
 4558 \SE@MapDeclare{cp866}{94}{0424}% CYRILLIC CAPITAL LETTER EF  
 4559 \SE@MapDeclare{cp866}{95}{0425}% CYRILLIC CAPITAL LETTER HA  
 4560 \SE@MapDeclare{cp866}{96}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4561 \SE@MapDeclare{cp866}{97}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4562 \SE@MapDeclare{cp866}{98}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4563 \SE@MapDeclare{cp866}{99}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4564 \SE@MapDeclare{cp866}{9A}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN

4565 \SE@MapDeclare{cp866}{9B}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4566 \SE@MapDeclare{cp866}{9C}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4567 \SE@MapDeclare{cp866}{9D}{042D}% CYRILLIC CAPITAL LETTER E  
 4568 \SE@MapDeclare{cp866}{9E}{042E}% CYRILLIC CAPITAL LETTER YU  
 4569 \SE@MapDeclare{cp866}{9F}{042F}% CYRILLIC CAPITAL LETTER YA  
 4570 \SE@MapDeclare{cp866}{A0}{0430}% CYRILLIC SMALL LETTER A  
 4571 \SE@MapDeclare{cp866}{A1}{0431}% CYRILLIC SMALL LETTER BE  
 4572 \SE@MapDeclare{cp866}{A2}{0432}% CYRILLIC SMALL LETTER VE  
 4573 \SE@MapDeclare{cp866}{A3}{0433}% CYRILLIC SMALL LETTER GHE  
 4574 \SE@MapDeclare{cp866}{A4}{0434}% CYRILLIC SMALL LETTER DE  
 4575 \SE@MapDeclare{cp866}{A5}{0435}% CYRILLIC SMALL LETTER IE  
 4576 \SE@MapDeclare{cp866}{A6}{0436}% CYRILLIC SMALL LETTER ZHE  
 4577 \SE@MapDeclare{cp866}{A7}{0437}% CYRILLIC SMALL LETTER ZE  
 4578 \SE@MapDeclare{cp866}{A8}{0438}% CYRILLIC SMALL LETTER I  
 4579 \SE@MapDeclare{cp866}{A9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4580 \SE@MapDeclare{cp866}{AA}{043A}% CYRILLIC SMALL LETTER KA  
 4581 \SE@MapDeclare{cp866}{AB}{043B}% CYRILLIC SMALL LETTER EL  
 4582 \SE@MapDeclare{cp866}{AC}{043C}% CYRILLIC SMALL LETTER EM  
 4583 \SE@MapDeclare{cp866}{AD}{043D}% CYRILLIC SMALL LETTER EN  
 4584 \SE@MapDeclare{cp866}{AE}{043E}% CYRILLIC SMALL LETTER O  
 4585 \SE@MapDeclare{cp866}{AF}{043F}% CYRILLIC SMALL LETTER PE  
 4586 \SE@MapDeclare{cp866}{B0}{2591}% LIGHT SHADE  
 4587 \SE@MapDeclare{cp866}{B1}{2592}% MEDIUM SHADE  
 4588 \SE@MapDeclare{cp866}{B2}{2593}% DARK SHADE  
 4589 \SE@MapDeclare{cp866}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4590 \SE@MapDeclare{cp866}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4591 \SE@MapDeclare{cp866}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 4592 \SE@MapDeclare{cp866}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 4593 \SE@MapDeclare{cp866}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 4594 \SE@MapDeclare{cp866}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 4595 \SE@MapDeclare{cp866}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4596 \SE@MapDeclare{cp866}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4597 \SE@MapDeclare{cp866}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4598 \SE@MapDeclare{cp866}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4599 \SE@MapDeclare{cp866}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 4600 \SE@MapDeclare{cp866}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 4601 \SE@MapDeclare{cp866}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4602 \SE@MapDeclare{cp866}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4603 \SE@MapDeclare{cp866}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4604 \SE@MapDeclare{cp866}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4605 \SE@MapDeclare{cp866}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4606 \SE@MapDeclare{cp866}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4607 \SE@MapDeclare{cp866}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4608 \SE@MapDeclare{cp866}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 4609 \SE@MapDeclare{cp866}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 4610 \SE@MapDeclare{cp866}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4611 \SE@MapDeclare{cp866}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4612 \SE@MapDeclare{cp866}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4613 \SE@MapDeclare{cp866}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4614 \SE@MapDeclare{cp866}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4615 \SE@MapDeclare{cp866}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4616 \SE@MapDeclare{cp866}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4617 \SE@MapDeclare{cp866}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 4618 \SE@MapDeclare{cp866}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 4619 \SE@MapDeclare{cp866}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 4620 \SE@MapDeclare{cp866}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 4621 \SE@MapDeclare{cp866}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 4622 \SE@MapDeclare{cp866}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 4623 \SE@MapDeclare{cp866}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 4624 \SE@MapDeclare{cp866}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 4625 \SE@MapDeclare{cp866}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 4626 \SE@MapDeclare{cp866}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 4627 \SE@MapDeclare{cp866}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4628 \SE@MapDeclare{cp866}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4629 \SE@MapDeclare{cp866}{DB}{2588}% FULL BLOCK  
 4630 \SE@MapDeclare{cp866}{DC}{2584}% LOWER HALF BLOCK  
 4631 \SE@MapDeclare{cp866}{DD}{258C}% LEFT HALF BLOCK  
 4632 \SE@MapDeclare{cp866}{DE}{2590}% RIGHT HALF BLOCK  
 4633 \SE@MapDeclare{cp866}{DF}{2580}% UPPER HALF BLOCK  
 4634 \SE@MapDeclare{cp866}{E0}{0440}% CYRILLIC SMALL LETTER ER  
 4635 \SE@MapDeclare{cp866}{E1}{0441}% CYRILLIC SMALL LETTER ES  
 4636 \SE@MapDeclare{cp866}{E2}{0442}% CYRILLIC SMALL LETTER TE  
 4637 \SE@MapDeclare{cp866}{E3}{0443}% CYRILLIC SMALL LETTER U  
 4638 \SE@MapDeclare{cp866}{E4}{0444}% CYRILLIC SMALL LETTER EF  
 4639 \SE@MapDeclare{cp866}{E5}{0445}% CYRILLIC SMALL LETTER HA  
 4640 \SE@MapDeclare{cp866}{E6}{0446}% CYRILLIC SMALL LETTER TSE  
 4641 \SE@MapDeclare{cp866}{E7}{0447}% CYRILLIC SMALL LETTER CHE  
 4642 \SE@MapDeclare{cp866}{E8}{0448}% CYRILLIC SMALL LETTER SHA  
 4643 \SE@MapDeclare{cp866}{E9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4644 \SE@MapDeclare{cp866}{EA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4645 \SE@MapDeclare{cp866}{EB}{044B}% CYRILLIC SMALL LETTER YERU  
 4646 \SE@MapDeclare{cp866}{EC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4647 \SE@MapDeclare{cp866}{ED}{044D}% CYRILLIC SMALL LETTER E  
 4648 \SE@MapDeclare{cp866}{EE}{044E}% CYRILLIC SMALL LETTER YU  
 4649 \SE@MapDeclare{cp866}{EF}{044F}% CYRILLIC SMALL LETTER YA  
 4650 \SE@MapDeclare{cp866}{F0}{0401}% CYRILLIC CAPITAL LETTER IO

4651 \SE@MapDeclare{cp866}{F1}{0451}% CYRILLIC SMALL LETTER IO  
 4652 \SE@MapDeclare{cp866}{F2}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4653 \SE@MapDeclare{cp866}{F3}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4654 \SE@MapDeclare{cp866}{F4}{0407}% CYRILLIC CAPITAL LETTER YI  
 4655 \SE@MapDeclare{cp866}{F5}{0457}% CYRILLIC SMALL LETTER YI  
 4656 \SE@MapDeclare{cp866}{F6}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4657 \SE@MapDeclare{cp866}{F7}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4658 \SE@MapDeclare{cp866}{F8}{00B0}% DEGREE SIGN  
 4659 \SE@MapDeclare{cp866}{F9}{2219}% BULLET OPERATOR  
 4660 \SE@MapDeclare{cp866}{FA}{00B7}% MIDDLE DOT  
 4661 \SE@MapDeclare{cp866}{FB}{221A}% SQUARE ROOT  
 4662 \SE@MapDeclare{cp866}{FC}{2116}% NUMERO SIGN  
 4663 \SE@MapDeclare{cp866}{FD}{00A4}% CURRENCY SIGN  
 4664 \SE@MapDeclare{cp866}{FE}{25A0}% BLACK SQUARE  
 4665 \SE@MapDeclare{cp866}{FF}{00A0}% NO-BREAK SPACE  
 4666 </cp866>

## cp1250

4667 <\*cp1250>  
 4668 \SE@MapDeclare{cp1250}{80}{20AC}% EURO SIGN  
 4669 \SE@MapDeclare{cp1250}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
 4670 \SE@MapDeclare{cp1250}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 4671 \SE@MapDeclare{cp1250}{85}{2026}% HORIZONTAL ELLIPSIS  
 4672 \SE@MapDeclare{cp1250}{86}{2020}% DAGGER  
 4673 \SE@MapDeclare{cp1250}{87}{2021}% DOUBLE DAGGER  
 4674 \SE@MapDeclare{cp1250}{89}{2030}% PER MILLE SIGN  
 4675 \SE@MapDeclare{cp1250}{8A}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 4676 \SE@MapDeclare{cp1250}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 4677 \SE@MapDeclare{cp1250}{8C}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 4678 \SE@MapDeclare{cp1250}{8D}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 4679 \SE@MapDeclare{cp1250}{8E}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 4680 \SE@MapDeclare{cp1250}{8F}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 4681 \SE@MapDeclare{cp1250}{91}{2018}% LEFT SINGLE QUOTATION MARK  
 4682 \SE@MapDeclare{cp1250}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
 4683 \SE@MapDeclare{cp1250}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
 4684 \SE@MapDeclare{cp1250}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
 4685 \SE@MapDeclare{cp1250}{95}{2022}% BULLET  
 4686 \SE@MapDeclare{cp1250}{96}{2013}% EN DASH  
 4687 \SE@MapDeclare{cp1250}{97}{2014}% EM DASH  
 4688 \SE@MapDeclare{cp1250}{99}{2122}% TRADE MARK SIGN  
 4689 \SE@MapDeclare{cp1250}{9A}{0161}% LATIN SMALL LETTER S WITH CARON  
 4690 \SE@MapDeclare{cp1250}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4691 \SE@MapDeclare{cp1250}{9C}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 4692 \SE@MapDeclare{cp1250}{9D}{0165}% LATIN SMALL LETTER T WITH CARON  
 4693 \SE@MapDeclare{cp1250}{9E}{017E}% LATIN SMALL LETTER Z WITH CARON  
 4694 \SE@MapDeclare{cp1250}{9F}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 4695 \SE@MapDeclare{cp1250}{A0}{00A0}% NO-BREAK SPACE  
 4696 \SE@MapDeclare{cp1250}{A1}{02C7}% CARON  
 4697 \SE@MapDeclare{cp1250}{A2}{02D8}% BREVE  
 4698 \SE@MapDeclare{cp1250}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 4699 \SE@MapDeclare{cp1250}{A4}{00A4}% CURRENCY SIGN  
 4700 \SE@MapDeclare{cp1250}{A5}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 4701 \SE@MapDeclare{cp1250}{A6}{00A6}% BROKEN BAR  
 4702 \SE@MapDeclare{cp1250}{A7}{00A7}% SECTION SIGN  
 4703 \SE@MapDeclare{cp1250}{A8}{00A8}% DIAERESIS  
 4704 \SE@MapDeclare{cp1250}{A9}{00A9}% COPYRIGHT SIGN  
 4705 \SE@MapDeclare{cp1250}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 4706 \SE@MapDeclare{cp1250}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4707 \SE@MapDeclare{cp1250}{AC}{00AC}% NOT SIGN  
 4708 \SE@MapDeclare{cp1250}{AD}{00AD}% SOFT HYPHEN  
 4709 \SE@MapDeclare{cp1250}{AE}{00AE}% REGISTERED SIGN  
 4710 \SE@MapDeclare{cp1250}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 4711 \SE@MapDeclare{cp1250}{B0}{00B0}% DEGREE SIGN  
 4712 \SE@MapDeclare{cp1250}{B1}{00B1}% PLUS-MINUS SIGN  
 4713 \SE@MapDeclare{cp1250}{B2}{02DB}% OGONEK  
 4714 \SE@MapDeclare{cp1250}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
 4715 \SE@MapDeclare{cp1250}{B4}{00B4}% ACUTE ACCENT  
 4716 \SE@MapDeclare{cp1250}{B5}{00B5}% MICRO SIGN  
 4717 \SE@MapDeclare{cp1250}{B6}{00B6}% PILCROW SIGN  
 4718 \SE@MapDeclare{cp1250}{B7}{00B7}% MIDDLE DOT  
 4719 \SE@MapDeclare{cp1250}{B8}{00B8}% CEDILLA  
 4720 \SE@MapDeclare{cp1250}{B9}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 4721 \SE@MapDeclare{cp1250}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 4722 \SE@MapDeclare{cp1250}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4723 \SE@MapDeclare{cp1250}{BC}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 4724 \SE@MapDeclare{cp1250}{BD}{02DD}% DOUBLE ACUTE ACCENT  
 4725 \SE@MapDeclare{cp1250}{BE}{013E}% LATIN SMALL LETTER L WITH CARON  
 4726 \SE@MapDeclare{cp1250}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 4727 \SE@MapDeclare{cp1250}{C0}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 4728 \SE@MapDeclare{cp1250}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4729 \SE@MapDeclare{cp1250}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4730 \SE@MapDeclare{cp1250}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 4731 \SE@MapDeclare{cp1250}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4732 \SE@MapDeclare{cp1250}{C5}{0139}% LATIN CAPITAL LETTER L WITH ACUTE

4733 \SE@MapDeclare{cp1250}{C6}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
4734 \SE@MapDeclare{cp1250}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
4735 \SE@MapDeclare{cp1250}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
4736 \SE@MapDeclare{cp1250}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
4737 \SE@MapDeclare{cp1250}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
4738 \SE@MapDeclare{cp1250}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
4739 \SE@MapDeclare{cp1250}{CC}{011A}% LATIN CAPITAL LETTER E WITH CARON  
4740 \SE@MapDeclare{cp1250}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
4741 \SE@MapDeclare{cp1250}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
4742 \SE@MapDeclare{cp1250}{CF}{010E}% LATIN CAPITAL LETTER D WITH CARON  
4743 \SE@MapDeclare{cp1250}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
4744 \SE@MapDeclare{cp1250}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
4745 \SE@MapDeclare{cp1250}{D2}{0147}% LATIN CAPITAL LETTER N WITH CARON  
4746 \SE@MapDeclare{cp1250}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
4747 \SE@MapDeclare{cp1250}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
4748 \SE@MapDeclare{cp1250}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
4749 \SE@MapDeclare{cp1250}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
4750 \SE@MapDeclare{cp1250}{D7}{00D7}% MULTIPLICATION SIGN  
4751 \SE@MapDeclare{cp1250}{D8}{0158}% LATIN CAPITAL LETTER R WITH CARON  
4752 \SE@MapDeclare{cp1250}{D9}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
4753 \SE@MapDeclare{cp1250}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
4754 \SE@MapDeclare{cp1250}{DB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
4755 \SE@MapDeclare{cp1250}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
4756 \SE@MapDeclare{cp1250}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
4757 \SE@MapDeclare{cp1250}{DE}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
4758 \SE@MapDeclare{cp1250}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
4759 \SE@MapDeclare{cp1250}{E0}{0155}% LATIN SMALL LETTER R WITH ACUTE  
4760 \SE@MapDeclare{cp1250}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
4761 \SE@MapDeclare{cp1250}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
4762 \SE@MapDeclare{cp1250}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
4763 \SE@MapDeclare{cp1250}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
4764 \SE@MapDeclare{cp1250}{E5}{013A}% LATIN SMALL LETTER L WITH ACUTE  
4765 \SE@MapDeclare{cp1250}{E6}{0107}% LATIN SMALL LETTER C WITH ACUTE  
4766 \SE@MapDeclare{cp1250}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
4767 \SE@MapDeclare{cp1250}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
4768 \SE@MapDeclare{cp1250}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
4769 \SE@MapDeclare{cp1250}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
4770 \SE@MapDeclare{cp1250}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
4771 \SE@MapDeclare{cp1250}{EC}{011B}% LATIN SMALL LETTER E WITH CARON  
4772 \SE@MapDeclare{cp1250}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
4773 \SE@MapDeclare{cp1250}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
4774 \SE@MapDeclare{cp1250}{EF}{010F}% LATIN SMALL LETTER D WITH CARON  
4775 \SE@MapDeclare{cp1250}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
4776 \SE@MapDeclare{cp1250}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
4777 \SE@MapDeclare{cp1250}{F2}{0148}% LATIN SMALL LETTER N WITH CARON  
4778 \SE@MapDeclare{cp1250}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
4779 \SE@MapDeclare{cp1250}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
4780 \SE@MapDeclare{cp1250}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
4781 \SE@MapDeclare{cp1250}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
4782 \SE@MapDeclare{cp1250}{F7}{00F7}% DIVISION SIGN  
4783 \SE@MapDeclare{cp1250}{F8}{0159}% LATIN SMALL LETTER R WITH CARON  
4784 \SE@MapDeclare{cp1250}{F9}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
4785 \SE@MapDeclare{cp1250}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
4786 \SE@MapDeclare{cp1250}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
4787 \SE@MapDeclare{cp1250}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
4788 \SE@MapDeclare{cp1250}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
4789 \SE@MapDeclare{cp1250}{FE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
4790 \SE@MapDeclare{cp1250}{FF}{02D9}% DOT ABOVE  
4791 </cp1250>

## cp1251

4792 <\*cp1251>  
4793 \SE@MapDeclare{cp1251}{80}{0402}% CYRILLIC CAPITAL LETTER DJE  
4794 \SE@MapDeclare{cp1251}{81}{0403}% CYRILLIC CAPITAL LETTER GJE  
4795 \SE@MapDeclare{cp1251}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
4796 \SE@MapDeclare{cp1251}{83}{0453}% CYRILLIC SMALL LETTER GJE  
4797 \SE@MapDeclare{cp1251}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
4798 \SE@MapDeclare{cp1251}{85}{2026}% HORIZONTAL ELLIPSIS  
4799 \SE@MapDeclare{cp1251}{86}{2020}% DAGGER  
4800 \SE@MapDeclare{cp1251}{87}{2021}% DOUBLE DAGGER  
4801 \SE@MapDeclare{cp1251}{88}{20AC}% EURO SIGN  
4802 \SE@MapDeclare{cp1251}{89}{2030}% PER MILLE SIGN  
4803 \SE@MapDeclare{cp1251}{8A}{0409}% CYRILLIC CAPITAL LETTER LJE  
4804 \SE@MapDeclare{cp1251}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
4805 \SE@MapDeclare{cp1251}{8C}{040A}% CYRILLIC CAPITAL LETTER NJE  
4806 \SE@MapDeclare{cp1251}{8D}{040C}% CYRILLIC CAPITAL LETTER KJE  
4807 \SE@MapDeclare{cp1251}{8E}{040B}% CYRILLIC CAPITAL LETTER TSHE  
4808 \SE@MapDeclare{cp1251}{8F}{040F}% CYRILLIC CAPITAL LETTER DZHE  
4809 \SE@MapDeclare{cp1251}{90}{0452}% CYRILLIC SMALL LETTER DJE  
4810 \SE@MapDeclare{cp1251}{91}{2018}% LEFT SINGLE QUOTATION MARK  
4811 \SE@MapDeclare{cp1251}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
4812 \SE@MapDeclare{cp1251}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
4813 \SE@MapDeclare{cp1251}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
4814 \SE@MapDeclare{cp1251}{95}{2022}% BULLET

4815 \SE@MapDeclare{cp1251}{96}{2013}% EN DASH  
 4816 \SE@MapDeclare{cp1251}{97}{2014}% EM DASH  
 4817 \SE@MapDeclare{cp1251}{99}{2122}% TRADE MARK SIGN  
 4818 \SE@MapDeclare{cp1251}{9A}{0459}% CYRILLIC SMALL LETTER LJE  
 4819 \SE@MapDeclare{cp1251}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4820 \SE@MapDeclare{cp1251}{9C}{045A}% CYRILLIC SMALL LETTER NJE  
 4821 \SE@MapDeclare{cp1251}{9D}{045C}% CYRILLIC SMALL LETTER KJE  
 4822 \SE@MapDeclare{cp1251}{9E}{045B}% CYRILLIC SMALL LETTER TSHE  
 4823 \SE@MapDeclare{cp1251}{9F}{045F}% CYRILLIC SMALL LETTER DZHE  
 4824 \SE@MapDeclare{cp1251}{A0}{00A0}% NO-BREAK SPACE  
 4825 \SE@MapDeclare{cp1251}{A1}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4826 \SE@MapDeclare{cp1251}{A2}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4827 \SE@MapDeclare{cp1251}{A3}{0408}% CYRILLIC CAPITAL LETTER JE  
 4828 \SE@MapDeclare{cp1251}{A4}{00A4}% CURRENCY SIGN  
 4829 \SE@MapDeclare{cp1251}{A5}{0490}% CYRILLIC CAPITAL LETTER GHE WITH UPTURN  
 4830 \SE@MapDeclare{cp1251}{A6}{00A6}% BROKEN BAR  
 4831 \SE@MapDeclare{cp1251}{A7}{00A7}% SECTION SIGN  
 4832 \SE@MapDeclare{cp1251}{A8}{0401}% CYRILLIC CAPITAL LETTER IO  
 4833 \SE@MapDeclare{cp1251}{A9}{00A9}% COPYRIGHT SIGN  
 4834 \SE@MapDeclare{cp1251}{AA}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4835 \SE@MapDeclare{cp1251}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4836 \SE@MapDeclare{cp1251}{AC}{00AC}% NOT SIGN  
 4837 \SE@MapDeclare{cp1251}{AD}{00AD}% SOFT HYPHEN  
 4838 \SE@MapDeclare{cp1251}{AE}{00AE}% REGISTERED SIGN  
 4839 \SE@MapDeclare{cp1251}{AF}{0407}% CYRILLIC CAPITAL LETTER YI  
 4840 \SE@MapDeclare{cp1251}{B0}{00B0}% DEGREE SIGN  
 4841 \SE@MapDeclare{cp1251}{B1}{00B1}% PLUS-MINUS SIGN  
 4842 \SE@MapDeclare{cp1251}{B2}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 4843 \SE@MapDeclare{cp1251}{B3}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 4844 \SE@MapDeclare{cp1251}{B4}{0491}% CYRILLIC SMALL LETTER GHE WITH UPTURN  
 4845 \SE@MapDeclare{cp1251}{B5}{00B5}% MICRO SIGN  
 4846 \SE@MapDeclare{cp1251}{B6}{00B6}% PILCROW SIGN  
 4847 \SE@MapDeclare{cp1251}{B7}{00B7}% MIDDLE DOT  
 4848 \SE@MapDeclare{cp1251}{B8}{0451}% CYRILLIC SMALL LETTER IO  
 4849 \SE@MapDeclare{cp1251}{B9}{2116}% NUMERO SIGN  
 4850 \SE@MapDeclare{cp1251}{BA}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4851 \SE@MapDeclare{cp1251}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4852 \SE@MapDeclare{cp1251}{BC}{0458}% CYRILLIC SMALL LETTER JE  
 4853 \SE@MapDeclare{cp1251}{BD}{0405}% CYRILLIC CAPITAL LETTER DZE  
 4854 \SE@MapDeclare{cp1251}{BE}{0455}% CYRILLIC SMALL LETTER DZE  
 4855 \SE@MapDeclare{cp1251}{BF}{0457}% CYRILLIC SMALL LETTER YI  
 4856 \SE@MapDeclare{cp1251}{C0}{0410}% CYRILLIC CAPITAL LETTER A  
 4857 \SE@MapDeclare{cp1251}{C1}{0411}% CYRILLIC CAPITAL LETTER BE  
 4858 \SE@MapDeclare{cp1251}{C2}{0412}% CYRILLIC CAPITAL LETTER VE  
 4859 \SE@MapDeclare{cp1251}{C3}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4860 \SE@MapDeclare{cp1251}{C4}{0414}% CYRILLIC CAPITAL LETTER DE  
 4861 \SE@MapDeclare{cp1251}{C5}{0415}% CYRILLIC CAPITAL LETTER IE  
 4862 \SE@MapDeclare{cp1251}{C6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4863 \SE@MapDeclare{cp1251}{C7}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4864 \SE@MapDeclare{cp1251}{C8}{0418}% CYRILLIC CAPITAL LETTER I  
 4865 \SE@MapDeclare{cp1251}{C9}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4866 \SE@MapDeclare{cp1251}{CA}{041A}% CYRILLIC CAPITAL LETTER KA  
 4867 \SE@MapDeclare{cp1251}{CB}{041B}% CYRILLIC CAPITAL LETTER EL  
 4868 \SE@MapDeclare{cp1251}{CC}{041C}% CYRILLIC CAPITAL LETTER EM  
 4869 \SE@MapDeclare{cp1251}{CD}{041D}% CYRILLIC CAPITAL LETTER EN  
 4870 \SE@MapDeclare{cp1251}{CE}{041E}% CYRILLIC CAPITAL LETTER O  
 4871 \SE@MapDeclare{cp1251}{CF}{041F}% CYRILLIC CAPITAL LETTER PE  
 4872 \SE@MapDeclare{cp1251}{D0}{0420}% CYRILLIC CAPITAL LETTER ER  
 4873 \SE@MapDeclare{cp1251}{D1}{0421}% CYRILLIC CAPITAL LETTER ES  
 4874 \SE@MapDeclare{cp1251}{D2}{0422}% CYRILLIC CAPITAL LETTER TE  
 4875 \SE@MapDeclare{cp1251}{D3}{0423}% CYRILLIC CAPITAL LETTER U  
 4876 \SE@MapDeclare{cp1251}{D4}{0424}% CYRILLIC CAPITAL LETTER EF  
 4877 \SE@MapDeclare{cp1251}{D5}{0425}% CYRILLIC CAPITAL LETTER HA  
 4878 \SE@MapDeclare{cp1251}{D6}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4879 \SE@MapDeclare{cp1251}{D7}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4880 \SE@MapDeclare{cp1251}{D8}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4881 \SE@MapDeclare{cp1251}{D9}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4882 \SE@MapDeclare{cp1251}{DA}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4883 \SE@MapDeclare{cp1251}{DB}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4884 \SE@MapDeclare{cp1251}{DC}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4885 \SE@MapDeclare{cp1251}{DD}{042D}% CYRILLIC CAPITAL LETTER E  
 4886 \SE@MapDeclare{cp1251}{DE}{042E}% CYRILLIC CAPITAL LETTER YU  
 4887 \SE@MapDeclare{cp1251}{DF}{042F}% CYRILLIC CAPITAL LETTER YA  
 4888 \SE@MapDeclare{cp1251}{E0}{0430}% CYRILLIC SMALL LETTER A  
 4889 \SE@MapDeclare{cp1251}{E1}{0431}% CYRILLIC SMALL LETTER BE  
 4890 \SE@MapDeclare{cp1251}{E2}{0432}% CYRILLIC SMALL LETTER VE  
 4891 \SE@MapDeclare{cp1251}{E3}{0433}% CYRILLIC SMALL LETTER GHE  
 4892 \SE@MapDeclare{cp1251}{E4}{0434}% CYRILLIC SMALL LETTER DE  
 4893 \SE@MapDeclare{cp1251}{E5}{0435}% CYRILLIC SMALL LETTER IE  
 4894 \SE@MapDeclare{cp1251}{E6}{0436}% CYRILLIC SMALL LETTER ZHE  
 4895 \SE@MapDeclare{cp1251}{E7}{0437}% CYRILLIC SMALL LETTER ZE  
 4896 \SE@MapDeclare{cp1251}{E8}{0438}% CYRILLIC SMALL LETTER I  
 4897 \SE@MapDeclare{cp1251}{E9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4898 \SE@MapDeclare{cp1251}{EA}{043A}% CYRILLIC SMALL LETTER KA  
 4899 \SE@MapDeclare{cp1251}{EB}{043B}% CYRILLIC SMALL LETTER EL  
 4900 \SE@MapDeclare{cp1251}{EC}{043C}% CYRILLIC SMALL LETTER EM



4901 \SE@MapDeclare{cp1251}{ED}{043D}% CYRILLIC SMALL LETTER EN  
 4902 \SE@MapDeclare{cp1251}{EE}{043E}% CYRILLIC SMALL LETTER O  
 4903 \SE@MapDeclare{cp1251}{EF}{043F}% CYRILLIC SMALL LETTER PE  
 4904 \SE@MapDeclare{cp1251}{F0}{0440}% CYRILLIC SMALL LETTER ER  
 4905 \SE@MapDeclare{cp1251}{F1}{0441}% CYRILLIC SMALL LETTER ES  
 4906 \SE@MapDeclare{cp1251}{F2}{0442}% CYRILLIC SMALL LETTER TE  
 4907 \SE@MapDeclare{cp1251}{F3}{0443}% CYRILLIC SMALL LETTER U  
 4908 \SE@MapDeclare{cp1251}{F4}{0444}% CYRILLIC SMALL LETTER EF  
 4909 \SE@MapDeclare{cp1251}{F5}{0445}% CYRILLIC SMALL LETTER HA  
 4910 \SE@MapDeclare{cp1251}{F6}{0446}% CYRILLIC SMALL LETTER TSE  
 4911 \SE@MapDeclare{cp1251}{F7}{0447}% CYRILLIC SMALL LETTER CHE  
 4912 \SE@MapDeclare{cp1251}{F8}{0448}% CYRILLIC SMALL LETTER SHA  
 4913 \SE@MapDeclare{cp1251}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4914 \SE@MapDeclare{cp1251}{FA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4915 \SE@MapDeclare{cp1251}{FB}{044B}% CYRILLIC SMALL LETTER YERU  
 4916 \SE@MapDeclare{cp1251}{FC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4917 \SE@MapDeclare{cp1251}{FD}{044D}% CYRILLIC SMALL LETTER E  
 4918 \SE@MapDeclare{cp1251}{FE}{044E}% CYRILLIC SMALL LETTER YU  
 4919 \SE@MapDeclare{cp1251}{FF}{044F}% CYRILLIC SMALL LETTER YA  
 4920 </cp1251>

## cp1257

4921 <\*cp1257>  
 4922 \SE@MapDeclare{cp1257}{80}{20AC}% EURO SIGN  
 4923 \SE@MapDeclare{cp1257}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
 4924 \SE@MapDeclare{cp1257}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 4925 \SE@MapDeclare{cp1257}{85}{2026}% HORIZONTAL ELLIPSIS  
 4926 \SE@MapDeclare{cp1257}{86}{2020}% DAGGER  
 4927 \SE@MapDeclare{cp1257}{87}{2021}% DOUBLE DAGGER  
 4928 \SE@MapDeclare{cp1257}{89}{2030}% PER MILLE SIGN  
 4929 \SE@MapDeclare{cp1257}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 4930 \SE@MapDeclare{cp1257}{8D}{00A8}% DIAERESIS  
 4931 \SE@MapDeclare{cp1257}{8E}{02C7}% CARON  
 4932 \SE@MapDeclare{cp1257}{8F}{00B8}% CEDILLA  
 4933 \SE@MapDeclare{cp1257}{91}{2018}% LEFT SINGLE QUOTATION MARK  
 4934 \SE@MapDeclare{cp1257}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
 4935 \SE@MapDeclare{cp1257}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
 4936 \SE@MapDeclare{cp1257}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
 4937 \SE@MapDeclare{cp1257}{95}{2022}% BULLET  
 4938 \SE@MapDeclare{cp1257}{96}{2013}% EN DASH  
 4939 \SE@MapDeclare{cp1257}{97}{2014}% EM DASH  
 4940 \SE@MapDeclare{cp1257}{99}{2122}% TRADE MARK SIGN  
 4941 \SE@MapDeclare{cp1257}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4942 \SE@MapDeclare{cp1257}{9D}{00AF}% MACRON  
 4943 \SE@MapDeclare{cp1257}{9E}{02DB}% OGONEK  
 4944 \SE@MapDeclare{cp1257}{A0}{00A0}% NO-BREAK SPACE  
 4945 \SE@MapDeclare{cp1257}{A2}{00A2}% CENT SIGN  
 4946 \SE@MapDeclare{cp1257}{A3}{00A3}% POUND SIGN  
 4947 \SE@MapDeclare{cp1257}{A4}{00A4}% CURRENCY SIGN  
 4948 \SE@MapDeclare{cp1257}{A6}{00A6}% BROKEN BAR  
 4949 \SE@MapDeclare{cp1257}{A7}{00A7}% SECTION SIGN  
 4950 \SE@MapDeclare{cp1257}{A8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4951 \SE@MapDeclare{cp1257}{A9}{00A9}% COPYRIGHT SIGN  
 4952 \SE@MapDeclare{cp1257}{AA}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 4953 \SE@MapDeclare{cp1257}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4954 \SE@MapDeclare{cp1257}{AC}{00AC}% NOT SIGN  
 4955 \SE@MapDeclare{cp1257}{AD}{00AD}% SOFT HYPHEN  
 4956 \SE@MapDeclare{cp1257}{AE}{00AE}% REGISTERED SIGN  
 4957 \SE@MapDeclare{cp1257}{AF}{00C6}% LATIN CAPITAL LETTER AE  
 4958 \SE@MapDeclare{cp1257}{B0}{00B0}% DEGREE SIGN  
 4959 \SE@MapDeclare{cp1257}{B1}{00B1}% PLUS-MINUS SIGN  
 4960 \SE@MapDeclare{cp1257}{B2}{00B2}% SUPERScript TWO  
 4961 \SE@MapDeclare{cp1257}{B3}{00B3}% SUPERScript THREE  
 4962 \SE@MapDeclare{cp1257}{B4}{00B4}% ACUTE ACCENT  
 4963 \SE@MapDeclare{cp1257}{B5}{00B5}% MICRO SIGN  
 4964 \SE@MapDeclare{cp1257}{B6}{00B6}% PILCROW SIGN  
 4965 \SE@MapDeclare{cp1257}{B7}{00B7}% MIDDLE DOT  
 4966 \SE@MapDeclare{cp1257}{B8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4967 \SE@MapDeclare{cp1257}{B9}{00B9}% SUPERScript ONE  
 4968 \SE@MapDeclare{cp1257}{BA}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 4969 \SE@MapDeclare{cp1257}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4970 \SE@MapDeclare{cp1257}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4971 \SE@MapDeclare{cp1257}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 4972 \SE@MapDeclare{cp1257}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 4973 \SE@MapDeclare{cp1257}{BF}{00E6}% LATIN SMALL LETTER AE  
 4974 \SE@MapDeclare{cp1257}{C0}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 4975 \SE@MapDeclare{cp1257}{C1}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 4976 \SE@MapDeclare{cp1257}{C2}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 4977 \SE@MapDeclare{cp1257}{C3}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 4978 \SE@MapDeclare{cp1257}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4979 \SE@MapDeclare{cp1257}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 4980 \SE@MapDeclare{cp1257}{C6}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 4981 \SE@MapDeclare{cp1257}{C7}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 4982 \SE@MapDeclare{cp1257}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON

```

4983 \SE@MapDeclare{cp1257}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE
4984 \SE@MapDeclare{cp1257}{CA}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE
4985 \SE@MapDeclare{cp1257}{CB}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE
4986 \SE@MapDeclare{cp1257}{CC}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA
4987 \SE@MapDeclare{cp1257}{CD}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA
4988 \SE@MapDeclare{cp1257}{CE}{012A}% LATIN CAPITAL LETTER I WITH MACRON
4989 \SE@MapDeclare{cp1257}{CF}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA
4990 \SE@MapDeclare{cp1257}{D0}{0160}% LATIN CAPITAL LETTER S WITH CARON
4991 \SE@MapDeclare{cp1257}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE
4992 \SE@MapDeclare{cp1257}{D2}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA
4993 \SE@MapDeclare{cp1257}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE
4994 \SE@MapDeclare{cp1257}{D4}{014C}% LATIN CAPITAL LETTER O WITH MACRON
4995 \SE@MapDeclare{cp1257}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE
4996 \SE@MapDeclare{cp1257}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS
4997 \SE@MapDeclare{cp1257}{D7}{00D7}% MULTIPLICATION SIGN
4998 \SE@MapDeclare{cp1257}{D8}{0172}% LATIN CAPITAL LETTER U WITH OGONEK
4999 \SE@MapDeclare{cp1257}{D9}{0141}% LATIN CAPITAL LETTER L WITH STROKE
5000 \SE@MapDeclare{cp1257}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE
5001 \SE@MapDeclare{cp1257}{DB}{016A}% LATIN CAPITAL LETTER U WITH MACRON
5002 \SE@MapDeclare{cp1257}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS
5003 \SE@MapDeclare{cp1257}{DD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE
5004 \SE@MapDeclare{cp1257}{DE}{017D}% LATIN CAPITAL LETTER Z WITH CARON
5005 \SE@MapDeclare{cp1257}{DF}{00DF}% LATIN SMALL LETTER SHARP S
5006 \SE@MapDeclare{cp1257}{E0}{0105}% LATIN SMALL LETTER A WITH OGONEK
5007 \SE@MapDeclare{cp1257}{E1}{012F}% LATIN SMALL LETTER I WITH OGONEK
5008 \SE@MapDeclare{cp1257}{E2}{0101}% LATIN SMALL LETTER A WITH MACRON
5009 \SE@MapDeclare{cp1257}{E3}{0107}% LATIN SMALL LETTER C WITH ACUTE
5010 \SE@MapDeclare{cp1257}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS
5011 \SE@MapDeclare{cp1257}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE
5012 \SE@MapDeclare{cp1257}{E6}{0119}% LATIN SMALL LETTER E WITH OGONEK
5013 \SE@MapDeclare{cp1257}{E7}{0113}% LATIN SMALL LETTER E WITH MACRON
5014 \SE@MapDeclare{cp1257}{E8}{010D}% LATIN SMALL LETTER C WITH CARON
5015 \SE@MapDeclare{cp1257}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE
5016 \SE@MapDeclare{cp1257}{EA}{017A}% LATIN SMALL LETTER Z WITH ACUTE
5017 \SE@MapDeclare{cp1257}{EB}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE
5018 \SE@MapDeclare{cp1257}{EC}{0123}% LATIN SMALL LETTER G WITH CEDILLA
5019 \SE@MapDeclare{cp1257}{ED}{0137}% LATIN SMALL LETTER K WITH CEDILLA
5020 \SE@MapDeclare{cp1257}{EE}{012B}% LATIN SMALL LETTER I WITH MACRON
5021 \SE@MapDeclare{cp1257}{EF}{013C}% LATIN SMALL LETTER L WITH CEDILLA
5022 \SE@MapDeclare{cp1257}{F0}{0161}% LATIN SMALL LETTER S WITH CARON
5023 \SE@MapDeclare{cp1257}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE
5024 \SE@MapDeclare{cp1257}{F2}{0146}% LATIN SMALL LETTER N WITH CEDILLA
5025 \SE@MapDeclare{cp1257}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE
5026 \SE@MapDeclare{cp1257}{F4}{014D}% LATIN SMALL LETTER O WITH MACRON
5027 \SE@MapDeclare{cp1257}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE
5028 \SE@MapDeclare{cp1257}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS
5029 \SE@MapDeclare{cp1257}{F7}{00F7}% DIVISION SIGN
5030 \SE@MapDeclare{cp1257}{F8}{0173}% LATIN SMALL LETTER U WITH OGONEK
5031 \SE@MapDeclare{cp1257}{F9}{0142}% LATIN SMALL LETTER L WITH STROKE
5032 \SE@MapDeclare{cp1257}{FA}{015B}% LATIN SMALL LETTER S WITH ACUTE
5033 \SE@MapDeclare{cp1257}{FB}{016B}% LATIN SMALL LETTER U WITH MACRON
5034 \SE@MapDeclare{cp1257}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS
5035 \SE@MapDeclare{cp1257}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE
5036 \SE@MapDeclare{cp1257}{FE}{017E}% LATIN SMALL LETTER Z WITH CARON
5037 \SE@MapDeclare{cp1257}{FF}{02D9}% DOT ABOVE
5038 </cp1257>

```

## 3 Test

### 3.1 Catcode checks for loading

```

5039 < *test1 >

5040 \NeedsTeXFormat{LaTeX2e}
5041 \nofiles
5042 \documentclass{minimal}
5043 \makeatletter
5044
5045 \newcommand*{\RestoreCatcodes}{%
5046 \count@=0 %
5047 \loop
5048 \edef\RestoreCatcodes{%
5049 \RestoreCatcodes
5050 \catcode\the\count@=\the\catcode\count@\relax
5051 }%
5052 \ifnum\count@<255 %
5053 \advance\count@\@ne

```

```

5054 \repeat
5055
5056 \newcommand*{\RangeCatcodeInvalid}[2]{%
5057   \count@=#1\relax
5058   \loop
5059     \catcode\count@=15 %
5060   \ifnum\count@<#2\relax
5061     \advance\count@\@ne
5062   \repeat
5063 }
5064 \def\Test{%
5065   \RangeCatcodeInvalid{0}{47}%
5066   \RangeCatcodeInvalid{58}{64}%
5067   \RangeCatcodeInvalid{91}{96}%
5068   \RangeCatcodeInvalid{123}{255}%
5069   \catcode'\@=12 %
5070   \catcode'\=0 %
5071   \catcode'\{=1 %
5072   \catcode'\}=2 %
5073   \catcode'\#=6 %
5074   \catcode'\[=12 %
5075   \catcode'\]=12 %
5076   \catcode'\%=14 %
5077   \catcode'\ =10 %
5078   \catcode13=5 %
5079   \usepackage{stringenc}[2009/12/15]%
5080   \RestoreCatcodes
5081 }
5082 \Test
5083
5084 \ifx\numexpr\relax
5085   \expandafter\@@end
5086 \fi
5087
5088 \usepackage{qstest}
5089 \IncludeTests{*}
5090 \LogTests{log}{*}{*}
5091 \def\Test#1{%
5092   \begin{qstest}{loading}{loading}%
5093   % \RangeCatcodeInvalid{0}{47}%
5094   % % 0-9
5095   % \RangeCatcodeInvalid{58}{64}%
5096   % % A-Z
5097   % \RangeCatcodeInvalid{91}{96}%
5098   % % a-z
5099   % \RangeCatcodeInvalid{123}{255}%
5100   \setbox0=\hbox{%
5101     \def\par{p}%
5102     \RangeCatcodeInvalid{0}{255}%
5103     \StringEncodingLoad{#1}%
5104   }%
5105   \Expect*{\the\wd0}{0.0pt}%
5106   \end{qstest}%
5107 }
5108 \@for\x:=\StringEncodingList\do{%
5109   \Test\x
5110 }
5111 \@@end
5112 </test1>

```

## 3.2 Conversion tests

```

5113 <*test2>

```

```

5114 \NeedsTeXFormat{LaTeX2e}
5115 \nofiles
5116 \documentclass{minimal}
5117
5118 \ifx\plainmode Y
5119   \let\SavedNumexpr\numexpr
5120   \let\numexpr\relax
5121 \fi
5122 \usepackage{stringenc}[2009/12/15]
5123 \ifx\plainmode Y
5124   \let\numexpr\SavedNumexpr
5125 \fi
5126 \usepackage{qstest}
5127 \IncludeTests{*}
5128 \LogTests{log}{*}{*}
5129
5130 \def\Test#1#2#3#4#5{%
5131   \begingroup
5132     \edef\x{\endgroup
5133       \noexpand\TestTest{#1}{#2}{#3}{#4}#5||\noexpand\NIL
5134     }%
5135   \x
5136 }
5137 \def\TestTest#1#2#3#4#5|#6|#7\NIL{%
5138   \begin{qstest}{encodings}{encodings, conversion}%
5139     \setbox0=\hbox{%
5140       \def\par{p}%
5141       \EdefUnescapeHex\IN{#4}%
5142       \StringEncodingConvert\RESULT\IN{#1}{#2}%
5143       \EdefEscapeHex\RESULT\RESULT
5144       \Expect*{\RESULT}*{#5#6}%
5145       \Expect*{\StringEncodingSuccessFailure{true}{false}}{#3}%
5146       \StringEncodingSuccessFailure{}{#4}%
5147       \StringEncodingConvertTest\RESULT\IN{#1}{#2}{#5}%
5148     }{%
5149       \EdefEscapeHex\RESULT\RESULT
5150       \Expect*{\RESULT}{#5}%
5151     }%
5152   }%
5153 }%
5154   \Expect*{\the\wd0}{0.0pt}%
5155 \end{qstest}%
5156 }
5157
5158 \def\AllBytesLow{%
5159   000102030405060708090A0B0C0D0E0F101112131415161718191A1B1C1D1E1F%
5160   202122232425262728292A2B2C2D2E2F303132333435363738393A3B3C3D3E3F%
5161   404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F%
5162   606162636465666768696A6B6C6D6E6F707172737475767778797A7B7C7D7E7F%
5163 }
5164 \def\AllBytesHigh{%
5165   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E9F%
5166   A0A1A2A3A4A5A6A7A8A9AABACADAFAFB0B1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5167   C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5168   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEF%
5169 }
5170 \def\AllBytes{%
5171   \AllBytesLow
5172   \AllBytesHigh
5173 }
5174 \def\AllUnicodeLow{%
5175   0000000100020003000400050006000700080009000A000B000C000D000E000F%

```

```

5176 0010001100120013001400150016001700180019001A001B001C001D001E001F%
5177 0020002100220023002400250026002700280029002A002B002C002D002E002F%
5178 0030003100320033003400350036003700380039003A003B003C003D003E003F%
5179 0040004100420043004400450046004700480049004A004B004C004D004E004F%
5180 0050005100520053005400550056005700580059005A005B005C005D005E005F%
5181 0060006100620063006400650066006700680069006A006B006C006D006E006F%
5182 0070007100720073007400750076007700780079007A007B007C007D007E007F%
5183 }

```

### 3.2.1 UTF8/16/32 encodings

```

5184 \Test{utf16be}{utf16be}{true}%
5185 {004D04304E8CD800DF02}%
5186 {004D04304E8CD800DF02}%
5187 \Test{utf16}{utf16be}{true}%
5188 {004D04304E8CD800DF02}%
5189 {004D04304E8CD800DF02}%
5190 \Test{utf16be}{utf16}{true}%
5191 {004D04304E8CD800DF02}%
5192 {004D04304E8CD800DF02}%
5193 \Test{utf16}{utf16}{true}%
5194 {004D04304E8CD800DF02}%
5195 {004D04304E8CD800DF02}%
5196 \Test{utf16}{utf16}{true}%
5197 {FEFF004D04304E8CD800DF02}%
5198 {004D04304E8CD800DF02}%
5199 \Test{utf16}{utf16}{true}%
5200 {FFFE4D0030048C4E00D802DF}%
5201 {004D04304E8CD800DF02}%
5202 \Test{utf16be}{utf32be}{true}%
5203 {004D04304E8CD800DF02}%
5204 {0000004D0000043000004E8C00010302}%
5205 \Test{utf16be}{utf32le}{true}%
5206 {004D04304E8CD800DF02}%
5207 {4D000000300400008C4E000002030100}%
5208 \Test{utf32be}{utf16}{true}%
5209 {0000004D0000043000004E8C00010302}%
5210 {004D04304E8CD800DF02}%
5211 \Test{utf32le}{utf16}{true}%
5212 {4D000000300400008C4E000002030100}%
5213 {004D04304E8CD800DF02}%
5214 \Test{utf32}{utf16}{true}%
5215 {0000004D0000043000004E8C00010302}%
5216 {004D04304E8CD800DF02}%
5217 \Test{utf32}{utf16}{true}%
5218 {0000FEFF0000004D0000043000004E8C00010302}%
5219 {004D04304E8CD800DF02}%
5220 \Test{utf32}{utf16}{true}%
5221 {FFFE00004D000000300400008C4E000002030100}%
5222 {004D04304E8CD800DF02}%
5223 \Test{utf32be}{utf16be}{false}{FFFFFFFF}{ }
5224 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF}{004D}
5225 \Test{utf32be}{utf16be}{false}{FFFFFFFF0000004D}{|004D}
5226 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF00000430}{004D|0430}
5227 \Test{utf32be}{utf16be}{false}{FFFFFFFF0000004DFFFFFFFF}{|004D}
5228 \Test{utf32be}{utf16be}{false}{FFFFFF}{ }
5229 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF}{004D}
5230 \Test{utf32be}{utf16be}{false}{FFFFFF0000004D}{ }
5231 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF00000430}{004D}
5232 \Test{utf32be}{utf16be}{false}{FFFFFF0000004DFFFFFF}{|4DFF}
5233 \Test{utf32be}{utf16be}{false}{FFFF}{ }
5234 \Test{utf32be}{utf16be}{false}{0000004DFFFF}{004D}
5235 \Test{utf32be}{utf16be}{false}{FFFF0000004D}{ }
5236 \Test{utf32be}{utf16be}{false}{0000004DFFFF00000430}{004D}

```

```

5237 \Test{utf32be}{utf16be}{false}{FF}{}
5238 \Test{utf32be}{utf16be}{false}{0000004DFF}{004D}
5239 \Test{utf32be}{utf16be}{false}{FF0000004D}{}
5240 \Test{utf32be}{utf16be}{false}{0000004DFF000000430}{004D}
5241 \Test{utf16be}{utf32be}{true}{DBBFDFFF}{000FFFFF}
5242 \Test{utf16be}{utf8}{true}%
5243 {004D04304E8CD800DF02}%
5244 {4DD0B0E4BA8CF0908C82}%
5245 \Test{utf32}{utf8}{true}%
5246 {000000000000007F000000800000FFFF000100000010FFFF}%
5247 {007FC280EFBFBFF0908080F48FBFBF}%
5248 \Test{utf8}{utf16}{true}%
5249 {007FC280EFBFBFF0908080F48FBFBF}%
5250 {0000007F0080FFFFD800DC00DBFFDFFF}%
5251 \Test{utf16}{utf32}{true}%
5252 {0000007F0080FFFFD800DC00DBFFDFFF}%
5253 {000000000000007F000000800000FFFF000100000010FFFF}%
5254 \Test{utf8}{utf32}{true}%
5255 {007FC280EFBFBFF0908080F48FBFBF}%
5256 {000000000000007F000000800000FFFF000100000010FFFF}%
5257 \Test{utf8}{utf16}{false}{64F57F}{|0064007F}
5258 \Test{utf8}{utf16}{false}{64FE7F}{|0064007F}
5259 \Test{utf8}{utf16}{false}{64FF7F}{|0064007F}
5260 \Test{utf8}{utf16}{false}{80}{}
5261 \Test{utf8}{utf16}{false}{7F807F}{007F|007F}
5262 \Test{utf8}{utf16}{false}{C0}{}
5263 \Test{utf8}{utf16}{false}{7FC07F}{|007F007F}
5264 \Test{utf8}{utf16}{false}{C1}{}
5265 \Test{utf8}{utf16}{false}{7FC17F}{|007F007F}
5266 \Test{utf8}{utf16}{false}{C080}{}
5267 \Test{utf8}{utf16}{false}{C2}{}
5268 \Test{utf8}{utf16}{false}{C2CF}{}
5269 \Test{utf8}{utf16}{false}{12C27F}{0012|007F}
5270 \Test{utf8}{utf16}{true}{C280}{0080}
5271 \Test{utf8}{utf16}{true}{DFBF}{07FF}
5272 \Test{utf8}{utf16}{false}{E0}{}
5273 \Test{utf8}{utf16}{false}{E07F}{|007F}
5274 \Test{utf8}{utf16}{false}{E0A0}{}
5275 \Test{utf8}{utf16}{false}{E0A07F}{|007F}
5276 \Test{utf8}{utf16}{false}{E08080}{}
5277 \Test{utf8}{utf16}{false}{E080807F}{|007F}
5278 \Test{utf8}{utf16}{true}{ED8080}{D000}
5279 \Test{utf8}{utf16}{true}{ED9FBF}{D7FF}
5280 \Test{utf8}{utf16}{true}{EE8080}{E000}
5281 \Test{utf8}{utf16}{true}{EFBFBF}{FFFF}
5282 \Test{utf8}{utf32}{false}{F0}{}
5283 \Test{utf8}{utf32}{false}{F07F}{|0000007F}
5284 \Test{utf8}{utf32}{false}{F090}{}
5285 \Test{utf8}{utf32}{false}{F0907F}{|0000007F}
5286 \Test{utf8}{utf32}{false}{F09080}{}
5287 \Test{utf8}{utf32}{false}{F090807F}{|0000007F}
5288 \Test{utf8}{utf32}{true}{F0908080}{00010000}
5289 \Test{utf8}{utf32}{false}{F0808080}{}
5290 \Test{utf8}{utf32}{false}{F08080807F}{|0000007F}
5291 \Test{utf8}{utf32}{true}{F1808080}{00040000}
5292 \Test{utf8}{utf32}{true}{F3BFBFBF}{000FFFFF}
5293 \Test{utf8}{utf32}{true}{F4808080}{00100000}
5294 \Test{utf8}{utf32}{true}{F48FBFBF}{0010FFFF}
5295 \Test{utf8}{utf32}{false}{F4BFBFBF}{}
5296 \Test{utf8}{utf32}{false}{F4BFBFBF7F}{|0000007F}
5297 \Test{utf16be}{utf8}{true}{0000}{00}
5298 \Test{utf16be}{utf8}{true}{007F}{7F}

```

```

5299 \Test{utf16be}{utf8}{true}{0080}{C280}
5300 \Test{utf16be}{utf8}{true}{07FF}{DFBF}
5301 \Test{utf16be}{utf8}{true}{0800}{E0A080}
5302 \Test{utf16be}{utf8}{true}{0FFF}{E0BFBF}
5303 \Test{utf16be}{utf8}{true}{1000}{E18080}
5304 \Test{utf16be}{utf8}{true}{CFFF}{ECBFBF}
5305 \Test{utf16be}{utf8}{true}{D000}{ED8080}
5306 \Test{utf16be}{utf8}{true}{D7FF}{ED9FBF}
5307 \Test{utf16be}{utf8}{false}{D800}{ }
5308 \Test{utf16be}{utf8}{false}{DFFF}{ }
5309 \Test{utf16be}{utf8}{true}{E000}{EE8080}
5310 \Test{utf16be}{utf8}{true}{FFFF}{EFBFBF}
5311 \Test{utf32be}{utf8}{true}{00010000}{F0908080}
5312 \Test{utf32be}{utf8}{true}{0003FFFF}{F0BFBFBF}
5313 \Test{utf32be}{utf8}{true}{00040000}{F1808080}
5314 \Test{utf32be}{utf8}{true}{000FFFFF}{F3BFBFBF}
5315 \Test{utf32be}{utf8}{true}{00100000}{F4808080}
5316 \Test{utf32be}{utf8}{true}{0010FFFF}{F48FBFBF}
5317 \Test{utf32be}{utf8}{false}{00110000}{ }
5318 \Test{utf32be}{utf8}{false}{00110000000007F}{|7F}

```

### 3.2.2 ASCII

```

5319 \Test{ascii}{utf8}{true}{007F}{007F}
5320 \Test{ascii}{utf8}{false}{80}{ }
5321 \Test{ascii}{utf8}{false}{80}{ }
5322 \Test{ascii}{utf8}{false}{807F}{|7F}
5323 \Test{utf16be}{ascii}{true}{0000007F}{007F}
5324 \Test{utf16be}{ascii}{false}{0080}{ }
5325 \Test{utf16be}{ascii}{false}{0430}{ }
5326 \Test{utf16be}{ascii}{false}{D800DF02}{ }
5327 \Test{utf16be}{ascii}{false}{D800DF02007F}{|7F}
5328 \Test{ascii}{utf16be}{true}\AllBytesLow\AllUnicodeLow
5329 \Test{utf16be}{ascii}{true}\AllUnicodeLow\AllBytesLow

```

### 3.2.3 PDFDocEncoding

```

5330 \def\pdfdocSlots{%
5331   090A0D18191A1B1C1D1E1F%
5332   202122232425262728292A2B2C2D2E2F303132333435363738393A3B3C3D3E3F%
5333   404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F%
5334   606162636465666768696A6B6C6D6E6F707172737475767778797A7B7C7D7E%
5335   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E%
5336   A0A1A2A3A4A5A6A7A8A9AABACAEAFB0B1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5337   C0C1C2C3C4C5C6C7C8C9CACBCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5338   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFFF%
5339 }
5340 \def\pdfdocUnicode{%
5341   0009000A000D02D802C702C602D902DD02DB02DA02DC%
5342   0020002100220023002400250026002700280029002A002B002C002D002E002F%
5343   0030003100320033003400350036003700380039003A003B003C003D003E003F%
5344   0040004100420043004400450046004700480049004A004B004C004D004E004F%
5345   0050005100520053005400550056005700580059005A005B005C005D005E005F%
5346   0060006100620063006400650066006700680069006A006B006C006D006E006F%
5347   0070007100720073007400750076007700780079007A007B007C007D007E%
5348   202220202021202620142013019220442039203A22122030201E201C201D2018%
5349   2019201A2122FB01FB020141015201600178017D0131014201530161017E%
5350   20AC00A100A200A300A400A500A600A700A800A900AA00AB00AC00AE00AF%
5351   00B000B100B200B300B400B500B600B700B800B900BA00BB00BC00BD00BE00BF%
5352   00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5353   00D000D100D200D300D400D500D600D700D800D900DA00DB00DC00DD00DE00DF%
5354   00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5355   00F000F100F200F300F400F500F600F700F800F900FA00FB00FC00FD00FE00FF%
5356 }
5357 \Test{pdfdoc}{utf16be}{false}%

```

```

5358 {0001020304050607080B0C0E0F10111213141516177F9FAD}%
5359 {}%
5360 \Test{pdfdoc}{utf16be}{true}\pdfdocSlots\pdfdocUnicode
5361 \Test{pdfdoc}{utf16be}{false}\AllBytes{\pdfdocUnicode}%
5362 \Test{utf16be}{pdfdoc}{true}\pdfdocUnicode\pdfdocSlots
5363 \Test{utf16be}{pdfdoc}{true}{FEFF0054006500730074}{54657374}

```

### 3.2.4 ISO-8859-1

```

5364 \Test{iso-8859-1}{utf16be}{true}{007FA0FF}{0000007F00A000FF}
5365 \Test{iso-8859-1}{utf16be}{false}{80}{-}
5366 \Test{iso-8859-1}{utf16be}{false}{807F}{|007F}
5367 \Test{iso-8859-1}{utf16be}{false}{9F}{-}
5368 \Test{iso-8859-1}{utf16be}{false}{9F7F}{|007F}

```

### 3.2.5 CP1252

```

5369 \def\Slots{%
5370   \AllBytesLow
5371   8082838485868788898A8B8C8E9192939495969798999A9B9C9E9F%
5372   A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5373   C0C1C2C3C4C5C6C7C8C9CACBCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5374   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFFF%
5375 }
5376 \def\Unicode{%
5377   \AllUnicodeLow
5378   20AC201A0192201E20262020202102C62030016020390152017D%
5379   20182019201C201D20222013201402DC21220161203A0153017E0178%
5380   00A000A100A200A300A400A500A600A700A800A900AA00AB00AC00AD00AE00AF%
5381   00B000B100B200B300B400B500B600B700B800B900BA00BB00BC00BD00BE00BF%
5382   00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5383   00D000D100D200D300D400D500D600D700D800D900DA00DB00DC00DD00DE00DF%
5384   00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5385   00F000F100F200F300F400F500F600F700F800F900FA00FB00FC00FD00FE00FF%
5386 }
5387 \Test{cp1252}{utf16be}{false}{818D8F909D}{-}
5388 \Test{cp1252}{utf16be}{true}\Slots\Unicode
5389 \Test{utf16be}{cp1252}{true}\Unicode\Slots

```

### 3.2.6 KOI8-R

```

5390 \def\Slots{%
5391   \AllBytesLow
5392   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E9F%
5393   A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BABBBBCDBEBF%
5394   C0C1C2C3C4C5C6C7C8C9CACBCCDCECFD0D1D2D3D4D5D6D7D8D9DADBDCDDDEDF%
5395   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFDFEFFF%
5396 }
5397 \def\Unicode{%
5398   \AllUnicodeLow
5399   25002502250C251025142518251C2524252C2534253C258025842588258C2590%
5400   259125922593232025A02219221A22482264226500A0232100B000B200B700F7%
5401   25502551255204512553255425552556255725582559255A255B255C255D255E%
5402   255F25602561040125622563256425652566256725682569256A256B256C00A9%
5403   044E0430043104460434043504440433044504380439043A043B043C043D043E%
5404   043F044F044004410442044304360432044C044B04370448044D04490447044A%
5405   042E0410041104260414041504240413042504180419041A041B041C041D041E%
5406   041F042F042004210422042304160412042C042B04170428042D04290427042A%
5407 }
5408 \Test{koi8-r}{utf16be}{true}\Slots\Unicode
5409 \Test{utf16be}{koi8-r}{true}\Unicode\Slots

```

### 3.2.7 DEC-MCS

```

5410 \def\Slots{%
5411   \AllBytesLow

```



```

5412 A1A2A3A5A7A8A9AAABBOB1B2B3B5B6B7B9BABBBBCBDBF%
5413 C0C1C2C3C4C5C6C7C8C9CACBCCDCECFD1D2D3D4D5D6D7D8D9DADBDCDDDF%
5414 E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF1F2F3F4F5F6F7F8F9FAFBFCFD%
5415 }
5416 \def\Unicode{%
5417 \AllUnicodeLow
5418 00A100A200A300A500A700A400A900AA00AB%
5419 00B000B100B200B300B500B600B700B900BA00BB00BC00BD00BF%
5420 00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5421 00D100D200D300D400D500D6015200D800D900DA00DB00DC017800DF%
5422 00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5423 00F100F200F300F400F500F6015300F800F900FA00FB00FC00FF%
5424 }
5425 \Test{dec-mcs}{utf16be}{true}\Slots\Unicode
5426 \Test{dec-mcs}{utf16be}{false}{COBEC2}{00C0|00C2}
5427 \Test{utf16be}{dec-mcs}{true}\Unicode\Slots

```

### 3.3 Removal of byte order marks

```

5428 \Test{utf16be}{utf16be}{true}{FEFF}{}
5429 \Test{utf16be}{utf16be}{true}{FFFE}{FFFE}
5430 \Test{utf16le}{utf16le}{true}{FFFE}{}
5431 \Test{utf16le}{utf16le}{true}{FEFF}{FEFF}
5432 \Test{utf32be}{utf32be}{true}{0000FEFF}{}
5433 \Test{utf32be}{utf32be}{true}{0000FFFE}{0000FFFE}
5434 \Test{utf32le}{utf32le}{true}{FFFE0000}{}
5435 \Test{utf32le}{utf32le}{true}{FEFF0000}{FEFF0000}
5436 \csname @@end\endcsname
5437 \</test2>

```

## 4 Installation

### 4.1 Download

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

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

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

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

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

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

### 4.2 Bundle installation

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

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

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

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

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

### 4.3 Package installation

**Unpacking.** The `.dtx` file is a self-extracting `docstrip` archive. The files are extracted by running the `.dtx` through plain- $\text{\TeX}$ :

```
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):

<code>stringenc.sty</code>	$\rightarrow$ <code>tex/generic/oberdiek/stringenc.sty</code>
<code>se-utf32be.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-utf32be.def</code>
<code>se-utf32le.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-utf32le.def</code>
<code>se-utf8.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-utf8.def</code>
<code>se-utf16le.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-utf16le.def</code>
<code>se-pdfdoc.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-pdfdoc.def</code>
<code>se-iso-8859-1.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-iso-8859-1.def</code>
<code>se-cp1252.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-cp1252.def</code>
<code>se-ascii.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-ascii.def</code>
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<code>se-iso-8859-2.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-iso-8859-2.def</code>
<code>se-iso-8859-3.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-iso-8859-3.def</code>
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<code>se-mac-roman.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-mac-roman.def</code>
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<code>se-cp1250.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-cp1250.def</code>
<code>se-cp1251.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-cp1251.def</code>
<code>se-cp1257.def</code>	$\rightarrow$ <code>tex/generic/oberdiek/se-cp1257.def</code>
<code>stringenc.pdf</code>	$\rightarrow$ <code>doc/latex/oberdiek/stringenc.pdf</code>
<code>test/stringenc-test1.tex</code>	$\rightarrow$ <code>doc/latex/oberdiek/test/stringenc-test1.tex</code>
<code>test/stringenc-test2.tex</code>	$\rightarrow$ <code>doc/latex/oberdiek/test/stringenc-test2.tex</code>
<code>stringenc.dtx</code>	$\rightarrow$ <code>source/latex/oberdiek/stringenc.dtx</code>

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.

[2007/09/09 v1.2]

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

[2007/10/22 v1.3]

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

[2007/11/11 v1.4]

- Use of package `pdfdoccmds` for L<sup>A</sup>T<sub>E</sub>X support.

[2007/11/25 v1.5]

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

[2008/10/27 v1.6]

- Supported encoding list in documentation fixed.

[2009/12/15 v1.7]

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

## 6 Index

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