

# The `stringenc` package

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## Abstract

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

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\*Please report any issues at <https://github.com/ho-tex/oberdiek/issues>

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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`:

```
\StringEncodingConvert\Result{%
  \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.
}
```

<code>\StringEncodingConvertTest {&lt;cmd&gt;} {&lt;string&gt;} {&lt;from&gt;} {&lt;to&gt;} {&lt;success&gt;} {&lt;failure&gt;}</code>
--

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.

<code>\StringEncodingList</code>
----------------------------------

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
pdfdoc	PDFDocEncoding
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 \langle *package \rangle
```

### 2.1 Reload check and package identification

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

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

Package identification:

```
33 \begingroup\catcode61\catcode48\catcode32=10\relax%
34 \catcode13=5 % ^^M
35 \endlinechar=13 %
36 \catcode35=6 % #
37 \catcode39=12 % '
38 \catcode40=12 % (
39 \catcode41=12 % )
40 \catcode44=12 % ,
41 \catcode45=12 % -
42 \catcode46=12 % .
43 \catcode47=12 % /
44 \catcode58=12 % :
45 \catcode64=11 % @
46 \catcode91=12 % [
47 \catcode93=12 % ]
48 \catcode123=1 % {
49 \catcode125=2 % }
50 \expandafter\ifx\csname ProvidesPackage\endcsname\relax
```

```

51 \def\x#1#2#3[#4]{\endgroup
52 \immediate\write-1{Package: #3 #4}%
53 \xdef#1{#4}%
54 }%
55 \else
56 \def\x#1#2[#3]{\endgroup
57 #2[{#3}]%
58 \ifx#1\@undefined
59 \xdef#1{#3}%
60 \fi
61 \ifx#1\relax
62 \xdef#1{#3}%
63 \fi
64 }%
65 \fi
66 \expandafter\x\csname ver@stringenc.sty\endcsname
67 \ProvidesPackage{stringenc}%
68 [2016/05/16 v1.11 Convert strings between diff. encodings (HO)]%

```

## 2.2 Catcodes

```

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

```

```

110 \TMP@EnsureCode\catcode{45}{12}% -
111 \TMP@EnsureCode\catcode{46}{12}% .
112 \TMP@EnsureCode\catcode{47}{12}% /
113 \TMP@EnsureCode\catcode{58}{12}% :
114 \TMP@EnsureCode\catcode{60}{12}% <
115 \TMP@EnsureCode\catcode{62}{12}% >
116 \TMP@EnsureCode\catcode{91}{12}% [
117 \TMP@EnsureCode\catcode{93}{12}% ]
118 \TMP@EnsureCode\catcode{94}{7}% ^
119 \TMP@EnsureCode\catcode{96}{12}% `
120 \TMP@EnsureCode\uccode{34}{0}% "
121 \TMP@EnsureCode\uccode{48}{0}% 0
122 \TMP@EnsureCode\uccode{61}{0}% =
123 \edef\SE@AtEnd{\SE@AtEnd\noexpand\endinput}

```

## 2.3 Tools

```

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

```

\SE@GobbleEight

```

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

```

\SE@CarTwo

```

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

```

\SE@PrefixFrom

```

136 \def\SE@PrefixFrom{SE<}

```

\SE@PrefixSurrogateFrom

```

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

```

\SE@PrefixTo

```

138 \def\SE@PrefixTo{SE>}

```

\SE@PrefixSurrogateTo

```

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

```

\SE@ResultAdd

```

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

```

```

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

```

\SE@newif

```

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

```

\SE@@newif

```
151 \def\SE@@newif#1#2#3\@nil{%
152   \expandafter\edef\csname#3true\endcsname{%
153     \let
154     \expandafter\noexpand\csname if#3\endcsname
155     \expandafter\noexpand\csname iftrue\endcsname
156   }%
157   \expandafter\edef\csname#3false\endcsname{%
158     \let
159     \expandafter\noexpand\csname if#3\endcsname
160     \expandafter\noexpand\csname iffalse\endcsname
161   }%
162   \csname#3false\endcsname
163 }%

164 \else
```

\SE@newif

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

167 \SE@newif\ifSE@invalid
```

\SE@InvalidCharacter

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

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

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

\SE@@@ConvertTo

```
191 \def\SE@@@ConvertTo#1#2#3#4{%
192   \ifx#1\relax
193     \let\SE@next\relax
194   \else
195     \ifx#4\relax
196       \let\SE@next\relax
197       \SE@InvalidCharacter
198     \else
199       \let\SE@next\SE@@@ConvertTo
200       \ifnum"#1#2#3#4<"D800 %
```

```

201     \SE@ConvertNormal#1#2#3#4%
202 \else
203     \ifnum"#1#2#3#4>"DFFF %
204     \SE@ConvertNormal#1#2#3#4%
205 \else
206     \ifnum"#1#2#3#4>"DBFF %
207     \SE@InvalidCharacter
208 \else
209     \def\SE@high{#1#2#3#4}%
210     \let\SE@next\SE@@ScanLow
211 \fi
212 \fi
213 \fi
214 \ifSE@TestMode
215     \ifSE@invalid
216         \let\SE@next\SE@SkipRemaining
217     \fi
218 \fi
219 \fi
220 \fi
221 \SE@next
222 }

```

\SE@SkipRemaining

```

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

```

\SE@@ScanLow

```

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

```



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

```

259 \def\SE@ConvertFrom#1#2#3{%
260   \let\SE@result\ltx@empty
261   \edefSanitize\SE@encoding{#3}%
262   \expandafter\ifx\csname\SE@PrefixFrom\SE@encoding\endcsname\relax
263     \StringEncodingLoad\SE@encoding
264   \fi
265   \expandafter\ifx\csname\SE@PrefixFrom\SE@encoding\endcsname\relax
266     \@PackageError{stringenc}{%
267       Conversion from encoding `\'SE@encoding'\MessageBreak
268       is not supported%
269     }\@ehc
270   \else
271     \csname\SE@PrefixFrom\SE@encoding\endcsname{#2}%
272   \fi
273   \let#1\SE@result
274 }

```

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

```

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

```

`\SE@MakeLetters`

```

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

```

`\SE@MakeOthers`

```

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

```

`\SE@InputIfFileExists`

```

309 \begingroup\expandafter\expandafter\expandafter\endgroup
310 \expandafter\ifx\csname IfFileExists\endcsname\relax
311 \input pdftexcmds.sty\relax
312 \begingroup\expandafter\expandafter\expandafter\endgroup
313 \expandafter\ifx\csname pdf@filesize\endcsname\relax
314 \def\SE@InputIfFileExists#1{%
315 \expandafter\ifx\csname @inputcheck\endcsname\relax
316 \csname newread\endcsname\@inputcheck
317 \fi
318 \openin\@inputcheck#1\relax
319 \ifeof\@inputcheck
320 \SE@FileNotFound{#1}%
321 \else
322 \SE@Input{#1}%
323 \fi
324 }%
325 \else
326 \def\SE@InputIfFileExists#1{%
327 \expandafter\expandafter\expandafter
328 \ifx\expandafter\expandafter\expandafter\\pdf@filesize{#1}\\%
329 \SE@FileNotFound{#1}%
330 \else
331 \SE@Input{#1}%
332 \fi
333 }%
334 \fi
335 \else
336 \def\SE@InputIfFileExists#1{%
337 \IfFileExists{#1}{%
338 \SE@Input{#1}%
339 }{%
340 \SE@FileNotFound{#1}%
341 }%
342 }%
343 \fi

```

\SE@FileNotFound

```

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

```

\SE@Input

```

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

```

\ifSE@numexpr

```

362 \SE@newif\ifSE@numexpr
363 \begingroup\expandafter\expandafter\expandafter\endgroup
364 \expandafter\ifx\csname numexpr\endcsname\relax

```

```

365 \else
366 \SE@numexprtrue
367 \fi

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

```

\SE@Nibble@NumToHex

```

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

```

\SE@Nibble@NumToBin

```

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

```

\SE@Nibbles@BinToHex

```

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

```

```

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

```

\SE@Add

```

477 \def\SE@Add#1#2#3{%
478 $ \edef#1{\the\numexpr(#2)+(#3)\relax}%
479 & \begingroup
480 & \count\ltx@zero=#2\relax
481 & \advance\count\ltx@zero by#3\relax

```

```

482 & \edef\x{\endgroup
483 & \def\noexpand#1{\the\count\ltx@zero}%
484 & }%
485 & \x
486 }

```

\SE@MapDeclare

```

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

```

\SE@MapDeclareFrom

```

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

```

\SE@MapDeclareTo

```

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

```

\SE@MapConvertFrom

```

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

```

\SE@MapConvertTo

```

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

```

\StringEncodingConvert

```

529 \defStringEncodingConvert#1#2#3#4{%
530 \EdefSanitize\SE@from{#3}%
531 \EdefSanitize\SE@to{#4}%

```

```

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

```

\StringEncodingSuccessFailure

```

587 \defStringEncodingSuccessFailure{%
588 \ifSE@invalid
589 \expandafter\ltx@secondoftwo
590 \else
591 \expandafter\ltx@firstoftwo
592 \fi

```

593 }

\StringEncodingConvertTest

```
594 \def\StringEncodingConvertTest#1#2#3#4{%
595   \SE@TestModetrue
596   \StringEncodingConvert{#1}{#2}{#3}{#4}%
597   \SE@TestModedefalse
598   \StringEncodingSuccessFailure
599 }
600 \SE@newif\ifSE@TestMode
```

\SE@utfxvi

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

\SE@utfxvibe

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

\SE@utfxvile

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

\SE@utfxxxii

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

\SE@utfxxxibe

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

\SE@utfxxxile

```
606 \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.

```
607 \def\SE@CheckByteOrderTwo{%
608   \expandafter\SE@@CheckByteOrderTwo\SE@result0000\@nil
609 }
610 \def\SE@@CheckByteOrderTwo#1#2#3#4#5\@nil{%
611   \ifnum"#1#2#3#4="FEFF %
612     \let\SE@from\SE@utfxvibe
613     \edef\SE@result{\expandafter\ltx@gobblefour\SE@result}%
614   \else
615     \ifnum"#3#4#1#2="FEFF %
616       \let\SE@from\SE@utfxvile
617       \edef\SE@result{\expandafter\ltx@gobblefour\SE@result}%
618     \else
619       \let\SE@from\SE@utfxvibe
620     \fi
621   \fi
622 }
```

\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.

```
623 \def\SE@CheckByteOrderFour{%
624   \expandafter\SE@@CheckByteOrderFour\SE@result00000000\@nil
625 }
626 \def\SE@@CheckByteOrderFour#1#2#3#4#5#6#7#8#9\@nil{%
627   \let\SE@from\SE@utfxxxibe
628   \ifnum"#1#2#3#4=\ltx@zero
629     \ifnum"#5#6#7#8="FEFF %
```

```

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

```

\SE@RemoveByteOrderTwo

```

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

```

\SE@RemoveByteOrderFour

```

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

```

## 2.4 Encoding aliases

\SE@EncodingAlias

```

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

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

```



```

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

```

All encodings of package inputenx are supported.

```

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

```

\StringEncodingList

```

735 \defStringEncodingList{%
736   ascii,%
737   ascii-print,%
738   clean7bit,%
739   cp437,%
740   cp850,%
741   cp852,%

```

```

742 cp855,%
743 cp858,%
744 cp865,%
745 cp866,%
746 cp1250,%
747 cp1251,%
748 cp1252,%
749 cp1257,%
750 dec-mcs,%
751 iso-8859-1,%
752 iso-8859-2,%
753 iso-8859-3,%
754 iso-8859-4,%
755 iso-8859-5,%
756 iso-8859-6,%
757 iso-8859-7,%
758 iso-8859-8,%
759 iso-8859-9,%
760 iso-8859-10,%
761 iso-8859-11,%
762 iso-8859-13,%
763 iso-8859-14,%
764 iso-8859-15,%
765 iso-8859-16,%
766 koi8-r,%
767 mac-centeuro,%
768 mac-cyrillic,%
769 mac-roman,%
770 nextstep,%
771 pdfdoc,%
772 utf8,%
773 utf16le,%
774 utf32be,%
775 utf32le%
776 }

777 </package>

```

## 2.5 Encoding files

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

```

778 <*utf32>
779 <utf32be>\ProvidesFile{se-utf32be.def}[2016/05/16 v1.11 stringenc: UTF-32BE]
780 <utf32le>\ProvidesFile{se-utf32le.def}[2016/05/16 v1.11 stringenc: UTF-32LE]

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

```

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 hlll llll llll

wwwwww = uuuuu - 1

```

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

```

```

795 }%
796 \edef\SE@w{%
797   \SE@Nibbles@BinToHex\SE@w
798 }%
799 \SE@Add\SE@w{\expandafter"\SE@w}\ltx@one
800 \edef\SE@a{%
801   \expandafter\ltx@gobbletwo\SE@a
802   \SE@Nibble@NumToBin{"#4}%
803   \expandafter\ltx@gobbletwo\SE@c
804 }%
805 <utf32be> \SE@ResultAdd{%
806 <utf32le> \SE@utfxxxii@le@add{%
807   00%
808   \ifnum\SE@w>15 %
809     10%
810   \else
811     0%
812   \SE@Nibble@NumToHex\SE@w
813   \fi
814   \SE@Nibbles@BinToHex\SE@a
815   #7#8%
816 }%
817 }
818 <*utf32le>
819 \gdef\SE@utfxxxii@le@add#1{%
820   \edef\SE@temp{#1}%
821   \SE@ResultAdd{%
822     \expandafter\SE@utfxxxii@le@switch\SE@temp
823   }%
824 }
825 \gdef\SE@utfxxxii@le@switch#1#2#3#4#5#6#7#8{%
826   #7#8#5#6#3#4#1#2%
827 }
828 </utf32le>
829 <*utf32be>
830 \expandafter\gdef\csname\SE@PrefixFrom utf32be\endcsname#1{%
831   \expandafter\SE@utfxxxii@be@from#1\relax\relax\relax\relax
832     \relax\relax\relax\relax
833 }
834 \gdef\SE@utfxxxii@be@from#1#2#3#4#5#6#7#8{%
835   \ifx#1\relax
836     \let\SE@next\relax
837   \else
838     \ifx#8\relax
839       \let\SE@next\relax
840     \SE@InvalidCharacter
841   \else
842     \let\SE@next\SE@utfxxxii@be@from
843     \SE@utfxxxii@from#1#2#3#4#5#6#7#8%
844   \fi
845   \fi
846   \SE@next
847 }
848 </utf32be>
849 <*utf32le>
850 \expandafter\gdef\csname\SE@PrefixFrom utf32le\endcsname#1{%
851   \expandafter\SE@utfxxxii@le@from#1\relax\relax\relax\relax
852     \relax\relax\relax\relax
853 }
854 \gdef\SE@utfxxxii@le@from#1#2#3#4#5#6#7#8{%
855   \ifx#1\relax
856     \let\SE@next\relax

```

```

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

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

```

## 2.5.2 UTF-8

```

914 <*utf8>
915 \ProvidesFile{se-utf8.def}[2016/05/16 v1.11 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
916 \expandafter\gdef\csname\SE@PrefixTo utf8\endcsname#1#2#3#4{%
917 \ifnum"#1#2#3#4<"80 %
918 \SE@ResultAdd{#3#4}%
919 \else
920 \ifnum"#1#2#3#4<"800 %
921 \edef\SE@temp{%
922 \SE@Nibble@NumToBin{"#3}%
923 }%
924 \edef\SE@temp{%
925 11%
926 \SE@Nibble@NumToBin{"#2}%
927 \expandafter\SE@CarTwo\SE@temp\@nil
928 10%
929 \expandafter\ltx@gobbletwo\SE@temp
930 }%
931 \SE@ResultAdd{%
932 \SE@Nibbles@BinToHex\SE@temp
933 #4%
934 }%
935 \else
936 \edef\SE@temp{%
937 \SE@Nibble@NumToBin{"#3}%
938 }%
939 \edef\SE@temp{%
940 10%
941 \SE@Nibble@NumToBin{"#2}%
942 \expandafter\SE@CarTwo\SE@temp\@nil
943 10%
944 \expandafter\ltx@gobbletwo\SE@temp
945 }%
946 \SE@ResultAdd{%
947 E#1%
948 \SE@Nibbles@BinToHex\SE@temp
949 #4%
950 }%
951 \fi
952 \fi
953 }

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

```

```

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

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

Invalid bytes in UTF-8: C0-C1, F5-FF
1013 \gdef\SE@utfviii@filter#1#2{%
1014 \ifx#1\relax
1015 \let\SE@next\relax
1016 \else
1017 \ifcase\ifnum"#1#2>"F4 %
1018 \ltx@zero
1019 \else
1020 \ifnum"#1#2="C0 %
1021 \ltx@zero
1022 \else
1023 \ifnum"#1#2="C1 %
1024 \ltx@zero
1025 \else
1026 \ltx@one
1027 \fi
1028 \fi
1029 \fi
1030 \SE@InvalidCharacter
1031 \ifSE@TestMode
1032 \let\SE@next\SE@SkipRemaining

```

```

1033 \fi
1034 \else
1035 \edef\SE@temp{\SE@temp#1#2}%
1036 \fi
1037 \fi
1038 \SE@next
1039 }
1040 \gdef\SE@utfviii@from#1#2#3#4#5#6#7#8{%
1041 \ifx#1\relax
1042 \let\SE@next\relax
1043 \else
1044 \ifnum"#1<8 % 0xxx xxxx
1045 \SE@ResultAdd{00#1#2}%
1046 \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1047 \else
1048 \ifnum"#1<12 % 10xx xxxx
1049 \SE@InvalidCharacter
1050 \ifSE@TestMode
1051 \let\SE@next\SE@SkipRemaining
1052 \else
1053 \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1054 \fi
1055 \else
1056 \ifx#3\relax
1057 \let\SE@next\relax
1058 \SE@InvalidCharacter
1059 \else
1060 \ifcase\SE@utfviii@CheckCont#3%
1061 \SE@InvalidCharacter
1062 \ifSE@TestMode
1063 \let\SE@next\SE@SkipRemaining
1064 \else
1065 \def\SE@next{\SE@utfviii@from#3#4#5#6#7#8}%
1066 \fi
1067 \else
1068 \ifnum"#1<14 % 110y yyyy 10xx xxxx
1069 % 0000 0yyy yyxx xxxx
1070 \edef\SE@temp{%
1071 \SE@Nibble@NumToBin{"#3}%
1072 }%
1073 \edef\SE@temp{%
1074 0\ifodd"#1 1\else 0\fi
1075 \SE@Nibble@NumToBin{"#2}%
1076 \expandafter\ltx@gobbletwo\SE@temp
1077 }%
1078 \SE@ResultAdd{%
1079 0%
1080 \SE@Nibbles@BinToHex\SE@temp
1081 #4%
1082 }%
1083 \def\SE@next{\SE@utfviii@from#5#6#7#8}%
1084 \else
1085 \ifx#5\relax
1086 \let\SE@next\relax
1087 \SE@InvalidCharacter
1088 \else
1089 \ifcase\SE@utfviii@CheckCont#5%
1090 \SE@InvalidCharacter
1091 \ifSE@TestMode
1092 \let\SE@next\SE@SkipRemaining
1093 \else
1094 \def\SE@next{\SE@utfviii@from#5#6#7#8}%

```

```

1095     \fi
1096 \else
1097     \ifnum"#1=14 % 1110 zzzz 10yy yyyy 10xx xxxx
1098         % zzzz yyyy yyxx xxxx
1099     \ifcase\ifnum"#2="D %
1100         \ifnum"#3#4>"9F %
1101             \ltx@zero
1102         \else
1103             \ltx@one
1104         \fi
1105     \else
1106         \ifnum"#2=\ltx@zero
1107         \ifnum"#3<"A %
1108             \ltx@zero
1109         \else
1110             \ltx@one
1111         \fi
1112     \else
1113         \ltx@one
1114     \fi
1115 \fi
1116 \SE@InvalidCharacter
1117 \ifSE@TestMode
1118     \let\SE@next\SE@SkipRemaining
1119 \else
1120     \def\SE@next{\SE@utfviii@from#7#8}%
1121 \fi
1122 \else
1123     \edef\SE@a{\SE@Nibble@NumToBin{"#3}}%
1124     \edef\SE@b{\SE@Nibble@NumToBin{"#5}}%
1125     \edef\SE@temp{%
1126         \expandafter\ltx@gobbletwo\SE@a
1127         \SE@Nibble@NumToBin{"#4}%
1128         \expandafter\ltx@gobbletwo\SE@b
1129     }%
1130     \SE@ResultAdd{%
1131         #2%
1132         \SE@Nibbles@BinToHex\SE@temp
1133         #6%
1134     }%
1135     \def\SE@next{\SE@utfviii@from#7#8}%
1136 \fi
1137 \else
1138     \ifx#7\relax
1139         \let\SE@next\relax
1140         \SE@InvalidCharacter
1141     \else
1142         \ifcase\SE@utfviii@CheckCont#7%
1143             \SE@InvalidCharacter
1144         \ifSE@TestMode
1145             \let\SE@next\SE@SkipRemaining
1146         \else
1147             \def\SE@next{\SE@utfviii@from#7#8}%
1148         \fi
1149     \else
1150         \let\SE@next\SE@utfviii@from
1151         \ifnum"#2<8 % 1111 0uuu 10uu zzzz 10yy yyyy 10xx xxxx
1152             % 1101 10ww wwzz zzyy 1101 11yy yyxx xxxx
1153         \edef\SE@w{\SE@Nibble@NumToBin{"#3}}%
1154         \edef\SE@w{%
1155             00%
1156             \SE@Nibble@NumToBin{"#2}%

```



```

1157         \expandafter\ltx@gobbletwo\SE@w
1158     }%
1159     \edef\SE@w{\SE@Nibbles@BinToHex\SE@w}%
1160     \SE@Add\SE@w{\expandafter"\SE@w}{-1}%
1161     \ifnum\SE@w>15 %
1162         \SE@InvalidCharacter
1163     \ifSE@TestMode
1164         \let\SE@next\SE@SkipRemaining
1165     \fi
1166 \else
1167     \ifnum\SE@w<\ltx@zero
1168         \SE@InvalidCharacter
1169     \ifSE@TestMode
1170         \let\SE@next\SE@SkipRemaining
1171     \fi
1172 \else
1173     \edef\SE@a{\SE@Nibble@NumToBin{"#5}}%
1174     \edef\SE@b{\SE@Nibble@NumToBin{"#7}}%
1175     \edef\SE@temp{%
1176         10%
1177         \SE@Nibble@NumToBin\SE@w
1178         \SE@Nibble@NumToBin{"#4}%
1179         \expandafter\ltx@gobbletwo\SE@a
1180         1101%
1181         11%
1182         \SE@Nibble@NumToBin{"#6}%
1183         \expandafter\ltx@gobbletwo\SE@b
1184     }%
1185     \SE@ResultAdd{%
1186         D%
1187         \SE@Nibbles@BinToHex\SE@temp
1188         #8%
1189     }%
1190 \fi
1191 \fi
1192 \else
1193     \SE@InvalidCharacter
1194 \ifSE@TestMode
1195     \let\SE@next\SE@SkipRemaining
1196 \fi
1197 \fi
1198 \fi
1199 \fi
1200 \fi
1201 \fi
1202 \fi
1203 \fi
1204 \fi
1205 \fi
1206 \fi
1207 \fi
1208 \fi
1209 \SE@next
1210 }
1211 \gdef\SE@utfviii@CheckCont#1{%
1212     \ifnum"#1<8 %
1213         \ltx@zero
1214     \else
1215         \ifnum"#1<12 %
1216             \ltx@one
1217         \else
1218             \ltx@zero

```

```

1219   \fi
1220   \fi
1221 }
1222 </utf8>

```

### 2.5.3 UTF-16LE

```

1223 <*utf16le>
1224 \ProvidesFile{se-utf16le.def}[2016/05/16 v1.11 stringenc: UTF-16LE]

1225 \expandafter\gdef\csname\SE@PrefixTo utf16le\endcsname#1#2#3#4{%
1226   \SE@ResultAdd{#3#4#1#2}%
1227 }

1228 \expandafter\gdef\csname\SE@PrefixSurrogateTo utf16le\endcsname
1229   #1#2#3#4#5#6#7#8{%
1230   \SE@ResultAdd{#3#4#1#2#7#8#5#6}%
1231 }

1232 \expandafter\gdef\csname\SE@PrefixFrom utf16le\endcsname#1{%
1233   \expandafter\SE@utfxvile@from#1\relax\relax\relax\relax
1234 }
1235 \gdef\SE@utfxvile@from#1#2#3#4{%
1236   \ifx#1\relax
1237   \else
1238     \ifx#4\relax
1239       \SE@InvalidCharacter
1240     \else
1241       \SE@ResultAdd{#3#4#1#2}%
1242     \fi
1243   \expandafter\SE@utfxvile@from
1244   \fi
1245 }

1246 </utf16le>

```

### 2.5.4 PDFDocEncoding

```

1247 <*pdfdoc>
1248 \ProvidesFile{se-pdfdoc.def}[2016/05/16 v1.11 stringenc: PDFDocEncoding]

```

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

```

1249 \expandafter\gdef\csname\SE@PrefixTo pdfdoc\endcsname#1#2#3#4{%
1250   \ifcase\ifnum"#1#2#3#4<256 %
1251     \ifnum"#1#2#3#4>160 %
1252       \ltx@zero
1253     \else
1254       \ifnum"#1#2#3#4<127 %
1255         \ifnum"#1#2#3#4>31 %
1256           \ltx@zero
1257         \else
1258           \ltx@one
1259         \fi
1260       \else
1261         \ltx@one
1262       \fi
1263     \fi
1264   \else
1265     \ltx@one
1266   \fi
1267   \SE@ResultAdd{#3#4}%
1268 \else
1269   \SE@MapConvertTo{pdfdoc}-{#1#2#3#4}%
1270 \fi
1271 }

```

```

1272 \expandafter\gdef\csname\SE@PrefixSurrogateTo pdfdoc\endcsname
1273   #1#2#3#4#5#6#7#8{%
1274   \SE@InvalidCharacter
1275 }

1276 \expandafter\gdef\csname\SE@PrefixFrom pdfdoc\endcsname#1{%
1277   \let\SE@next\SE@pdfdoc@from
1278   \expandafter\SE@pdfdoc@from#1\relax\relax
1279 }
1280 \gdef\SE@pdfdoc@from#1#2{%
1281   \ifx#1\relax
1282     \let\SE@next\relax
1283   \else
1284     \ifcase\ifnum"#1#2>160 %
1285       \ifnum"#1#2="AD %
1286         2 %
1287       \else
1288         \ltx@zero
1289       \fi
1290     \else
1291       \ifnum"#1#2<127 %
1292         \ifnum"#1#2>31 %
1293           \ltx@zero
1294         \else
1295           \ltx@one
1296         \fi
1297       \else
1298         \ltx@one
1299       \fi
1300     \fi
1301     \SE@ResultAdd{00#1#2}%
1302   \or
1303     \SE@MapConvertFrom{pdfdoc}{#1#2}%
1304   \else
1305     \SE@InvalidCharacter
1306   \ifSE@TestMode
1307     \let\SE@next\SE@SkipRemaining
1308   \fi
1309 \fi
1310 \fi
1311 \SE@next
1312 }

1313 \SE@MapDeclare{pdfdoc}{09}{0009}
1314 \SE@MapDeclare{pdfdoc}{0A}{000A}
1315 \SE@MapDeclare{pdfdoc}{0D}{000D}
1316 \SE@MapDeclare{pdfdoc}{18}{02D8}
1317 \SE@MapDeclare{pdfdoc}{19}{02C7}
1318 \SE@MapDeclare{pdfdoc}{1A}{02C6}
1319 \SE@MapDeclare{pdfdoc}{1B}{02D9}
1320 \SE@MapDeclare{pdfdoc}{1C}{02DD}
1321 \SE@MapDeclare{pdfdoc}{1D}{02DB}
1322 \SE@MapDeclare{pdfdoc}{1E}{02DA}
1323 \SE@MapDeclare{pdfdoc}{1F}{02DC}
1324 \SE@MapDeclare{pdfdoc}{80}{2022}
1325 \SE@MapDeclare{pdfdoc}{81}{2020}
1326 \SE@MapDeclare{pdfdoc}{82}{2021}
1327 \SE@MapDeclare{pdfdoc}{83}{2026}
1328 \SE@MapDeclare{pdfdoc}{84}{2014}
1329 \SE@MapDeclare{pdfdoc}{85}{2013}
1330 \SE@MapDeclare{pdfdoc}{86}{0192}
1331 \SE@MapDeclare{pdfdoc}{87}{2044}
1332 \SE@MapDeclare{pdfdoc}{88}{2039}
1333 \SE@MapDeclare{pdfdoc}{89}{203A}

```

```

1334 \SE@MapDeclare{pdfdoc}{8A}{2212}
1335 \SE@MapDeclare{pdfdoc}{8B}{2030}
1336 \SE@MapDeclare{pdfdoc}{8C}{201E}
1337 \SE@MapDeclare{pdfdoc}{8D}{201C}
1338 \SE@MapDeclare{pdfdoc}{8E}{201D}
1339 \SE@MapDeclare{pdfdoc}{8F}{2018}
1340 \SE@MapDeclare{pdfdoc}{90}{2019}
1341 \SE@MapDeclare{pdfdoc}{91}{201A}
1342 \SE@MapDeclare{pdfdoc}{92}{2122}
1343 \SE@MapDeclare{pdfdoc}{93}{FB01}
1344 \SE@MapDeclare{pdfdoc}{94}{FB02}
1345 \SE@MapDeclare{pdfdoc}{95}{0141}
1346 \SE@MapDeclare{pdfdoc}{96}{0152}
1347 \SE@MapDeclare{pdfdoc}{97}{0160}
1348 \SE@MapDeclare{pdfdoc}{98}{0178}
1349 \SE@MapDeclare{pdfdoc}{99}{017D}
1350 \SE@MapDeclare{pdfdoc}{9A}{0131}
1351 \SE@MapDeclare{pdfdoc}{9B}{0142}
1352 \SE@MapDeclare{pdfdoc}{9C}{0153}
1353 \SE@MapDeclare{pdfdoc}{9D}{0161}
1354 \SE@MapDeclare{pdfdoc}{9E}{017E}
1355 \SE@MapDeclare{pdfdoc}{A0}{20AC}
1356 </pdfdoc>

```

### 2.5.5 ISO-8859-1

```

1357 <*iso-8859-1>
1358 \ProvidesFile{se-iso-8859-1.def}[2016/05/16 v1.11 stringenc: ISO-8859-1]

    Excluded area: 0x80..0x9F
1359 \expandafter\gdef\csname\SE@PrefixTo iso-8859-1\endcsname#1#2#3#4{%
1360   \ifcase\ifnum"#1#2=\ltx@zero
1361     \ifnum"#3#4<"80 %
1362       \ltx@one
1363     \else
1364       \ifnum"#3#4>"9F %
1365         \ltx@one
1366       \else
1367         \ltx@zero
1368       \fi
1369     \fi
1370   \else
1371     \ltx@zero
1372   \fi
1373   \SE@InvalidCharacter
1374 \else
1375   \SE@ResultAdd{#3#4}%
1376 \fi
1377 }

1378 \expandafter\gdef\csname\SE@PrefixSurrogateTo iso-8859-1\endcsname
1379   #1#2#3#4#5#6#7#8{%
1380   \SE@InvalidCharacter
1381 }

1382 \expandafter\gdef\csname\SE@PrefixFrom iso-8859-1\endcsname#1{%
1383   \let\SE@next\SE@isoone@from
1384   \expandafter\SE@isoone@from#1\relax\relax
1385 }
1386 \gdef\SE@isoone@from#1#2{%
1387   \ifx#1\relax
1388     \let\SE@next\relax
1389   \else
1390     \ifcase\ifnum"#1#2<"80 %
1391       \ltx@one

```

```

1392         \else
1393         \ifnum"#1#2>"9F %
1394         \ltx@one
1395         \else
1396         \ltx@zero
1397         \fi
1398     \fi
1399     \SE@InvalidCharacter
1400     \ifSE@TestMode
1401     \let\SE@next\SE@SkipRemaining
1402     \fi
1403 \else
1404     \SE@ResultAdd{00#1#2}%
1405 \fi
1406 \fi
1407 \SE@next
1408 }
1409 </iso-8859-1>

```

### 2.5.6 CP1252

```

1410 <*cp1252>
1411 \ProvidesFile{se-cp1252.def}[2016/05/16 v1.11 stringenc: cp1252]

1412 \expandafter\gdef\csname\SE@PrefixTo cp1252\endcsname#1#2#3#4{%
1413     \ifcase\ifnum"#1#2=\ltx@zero
1414         \ifnum"#3#4<"80 %
1415         \ltx@one
1416         \else
1417         \ifnum"#3#4>"9F %
1418         \ltx@one
1419         \else
1420         \ltx@zero
1421         \fi
1422     \fi
1423     \else
1424     \ltx@zero
1425     \fi
1426     \SE@MapConvertTo{cp1252}{#1#2#3#4}%
1427 \else
1428     \SE@ResultAdd{#3#4}%
1429 \fi
1430 }

1431 \expandafter\gdef\csname\SE@PrefixSurrogateTo cp1252\endcsname
1432     #1#2#3#4#5#6#7#8{%
1433     \SE@InvalidCharacter
1434 }

1435 \expandafter\gdef\csname\SE@PrefixFrom cp1252\endcsname#1{%
1436     \let\SE@next\SE@ansinew@from
1437     \expandafter\SE@ansinew@from#1\relax\relax
1438 }
1439 \gdef\SE@ansinew@from#1#2{%
1440     \ifx#1\relax
1441     \let\SE@next\relax
1442 \else
1443     \ifcase\ifnum"#1#2<"80 %
1444         \ltx@one
1445         \else
1446         \ifnum"#1#2>"9F %
1447         \ltx@one
1448         \else
1449         \ltx@zero
1450         \fi

```

```

1451     \fi
1452     \SE@MapConvertFrom{cp1252}{#1#2}%
1453     \else
1454     \SE@ResultAdd{00#1#2}%
1455     \fi
1456 \fi
1457 \SE@next
1458 }

1459 \SE@MapDeclare{cp1252}{80}{20AC}% EURO SIGN
1460 \SE@MapDeclare{cp1252}{82}{201A}% SINGLE LOW-9 QUOTATION MARK
1461 \SE@MapDeclare{cp1252}{83}{0192}% LATIN SMALL LETTER F WITH HOOK
1462 \SE@MapDeclare{cp1252}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK
1463 \SE@MapDeclare{cp1252}{85}{2026}% HORIZONTAL ELLIPSIS
1464 \SE@MapDeclare{cp1252}{86}{2020}% DAGGER
1465 \SE@MapDeclare{cp1252}{87}{2021}% DOUBLE DAGGER
1466 \SE@MapDeclare{cp1252}{88}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT
1467 \SE@MapDeclare{cp1252}{89}{2030}% PER MILLE SIGN
1468 \SE@MapDeclare{cp1252}{8A}{0160}% LATIN CAPITAL LETTER S WITH CARON
1469 \SE@MapDeclare{cp1252}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK
1470 \SE@MapDeclare{cp1252}{8C}{0152}% LATIN CAPITAL LIGATURE OE
1471 \SE@MapDeclare{cp1252}{8E}{017D}% LATIN CAPITAL LETTER Z WITH CARON
1472 \SE@MapDeclare{cp1252}{91}{2018}% LEFT SINGLE QUOTATION MARK
1473 \SE@MapDeclare{cp1252}{92}{2019}% RIGHT SINGLE QUOTATION MARK
1474 \SE@MapDeclare{cp1252}{93}{201C}% LEFT DOUBLE QUOTATION MARK
1475 \SE@MapDeclare{cp1252}{94}{201D}% RIGHT DOUBLE QUOTATION MARK
1476 \SE@MapDeclare{cp1252}{95}{2022}% BULLET
1477 \SE@MapDeclare{cp1252}{96}{2013}% EN DASH
1478 \SE@MapDeclare{cp1252}{97}{2014}% EM DASH
1479 \SE@MapDeclare{cp1252}{98}{02DC}% SMALL TILDE
1480 \SE@MapDeclare{cp1252}{99}{2122}% TRADE MARK SIGN
1481 \SE@MapDeclare{cp1252}{9A}{0161}% LATIN SMALL LETTER S WITH CARON
1482 \SE@MapDeclare{cp1252}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
1483 \SE@MapDeclare{cp1252}{9C}{0153}% LATIN SMALL LIGATURE OE
1484 \SE@MapDeclare{cp1252}{9E}{017E}% LATIN SMALL LETTER Z WITH CARON
1485 \SE@MapDeclare{cp1252}{9F}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS

1486 </cp1252>

```

## 2.5.7 US-ASCII

```

1487 <*ascii>
1488 \ProvidesFile{se-ascii.def}[2016/05/16 v1.11 stringenc: US-ASCII]

1489 \expandafter\gdef\csname\SE@PrefixTo ascii\endcsname#1#2#3#4{%
1490   \ifnum"#1#2#3<8 %
1491     \SE@ResultAdd{#3#4}%
1492   \else
1493     \SE@InvalidCharacter
1494   \fi
1495 }

1496 \expandafter\gdef\csname\SE@PrefixSurrogateTo ascii\endcsname
1497   #1#2#3#4#5#6#7#8{%
1498   \SE@InvalidCharacter
1499 }

1500 \expandafter\gdef\csname\SE@PrefixFrom ascii\endcsname#1{%
1501   \let\SE@next\SE@ascii@from
1502   \expandafter\SE@ascii@from#1\relax\relax
1503 }
1504 \gdef\SE@ascii@from#1#2{%
1505   \ifx#1\relax
1506     \let\SE@next\relax
1507   \else
1508     \ifnum"#1>7 %
1509       \SE@InvalidCharacter
1510       \ifSE@TestMode
1511         \let\SE@next\SE@SkipRemaining
1512       \fi
1513     \else
1514       \SE@ResultAdd{00#1#2}%
1515     \fi
1516   \fi

```

```

1517 \SE@next
1518 }

1519 </ascii>

2.5.8 Encoding ascii-print

1520 <*ascii-print>
1521 \ProvidesFile{se-ascii-print.def}%
1522 [2016/05/16 v1.11 stringenc: Printable ASCII characters]%

1523 \expandafter\gdef\csname\SE@PrefixTo ascii-print\endcsname#1#2#3#4{%
1524 \ifnum"#1#2=\ltx@zero
1525 \ifnum"#3#4<127 %
1526 \ifnum"#3#4>31 %
1527 \SE@ResultAdd{#3#4}%
1528 \else
1529 \SE@InvalidCharacter
1530 \fi
1531 \else
1532 \SE@InvalidCharacter
1533 \fi
1534 \else
1535 \SE@InvalidCharacter
1536 \fi
1537 }

1538 \expandafter\gdef\csname\SE@PrefixSurrogateTo ascii-print\endcsname
1539 #1#2#3#4#5#6#7#8{%
1540 \SE@InvalidCharacter
1541 }

1542 \expandafter\gdef\csname\SE@PrefixFrom ascii-print\endcsname#1{%
1543 \let\SE@next\SE@ascii@print@from
1544 \expandafter\SE@ascii@print@from#1\relax\relax
1545 }

1546 \gdef\SE@ascii@print@from#1#2{%
1547 \ifx#1\relax
1548 \let\SE@next\relax
1549 \else
1550 \ifnum"#1#2>126 %
1551 \SE@InvalidCharacter
1552 \ifSE@TestMode
1553 \let\SE@next\SE@SkipRemaining
1554 \fi
1555 \else
1556 \ifnum"#1#2<32 %
1557 \SE@InvalidCharacter
1558 \ifSE@TestMode
1559 \let\SE@next\SE@SkipRemaining
1560 \fi
1561 \else
1562 \SE@ResultAdd{00#1#2}%
1563 \fi
1564 \fi
1565 \fi
1566 \SE@next
1567 }

1568 </ascii-print>

2.5.9 Clean7Bit

1569 <*clean7bit>
1570 \ProvidesFile{se-clean7bit.def}[2016/05/16 v1.11 stringenc: Clean7Bit]

1571 \expandafter\gdef\csname\SE@PrefixTo clean7bit\endcsname#1#2#3#4{%
1572 \ifnum"#1#2#3<8 %

```

```

1573 \ifnum"#3#4<128 %
1574 \ifnum"#3#4>26 %
1575 \SE@ResultAdd{#3#4}%
1576 \else
1577 \ifnum"#3#4=10 %
1578 \SE@ResultAdd{0A}%
1579 \else
1580 \ifnum"#3#4=13 %
1581 \SE@ResultAdd{0D}%
1582 \else
1583 \ifnum"#3#4=9 %
1584 \SE@ResultAdd{09}%
1585 \else
1586 \SE@InvalidCharacter
1587 \fi
1588 \fi
1589 \fi
1590 \fi
1591 \else
1592 \SE@InvalidCharacter
1593 \fi
1594 \else
1595 \SE@InvalidCharacter
1596 \fi
1597 }

1598 \expandafter\gdef\csname\SE@PrefixSurrogateTo clean7bit\endcsname
1599 #1#2#3#4#5#6#7#8{%
1600 \SE@InvalidCharacter
1601 }

1602 \expandafter\gdef\csname\SE@PrefixFrom clean7bit\endcsname#1{%
1603 \let\SE@next\SE@cleansevenbit@from
1604 \expandafter\SE@cleansevenbit@from#1\relax\relax
1605 }
1606 \gdef\SE@cleansevenbit@from#1#2{%
1607 \ifx#1\relax
1608 \let\SE@next\relax
1609 \else
1610 \ifnum"#1#2>126 %
1611 \SE@InvalidCharacter
1612 \ifSE@TestMode
1613 \let\SE@next\SE@SkipRemaining
1614 \fi
1615 \else
1616 \ifnum"#1#2<27 %
1617 \ifnum"#1#2=10 %
1618 \SE@ResultAdd{0010}%
1619 \else
1620 \ifnum"#1#2=13 %
1621 \SE@ResultAdd{000D}%
1622 \else
1623 \ifnum"#1#2=9 %
1624 \SE@ResultAdd{0009}%
1625 \else
1626 \SE@InvalidCharacter
1627 \ifSE@TestMode
1628 \let\SE@next\SE@SkipRemaining
1629 \fi
1630 \fi
1631 \fi
1632 \else
1633 \SE@ResultAdd{00#1#2}%
1634 \fi

```



```

1635  \fi
1636  \fi
1637  \SE@next
1638  }
1639  </clean7bit>

```

## 2.5.10 Other encodings (8 bit)

```

1640 <*iso-8859-2>
1641 \ProvidesFile{se-iso-8859-2.def}[2016/05/16 v1.11 stringenc: ISO-8859-2]
1642 \def\SE@this{iso-8859-2}
1643 </iso-8859-2>
1644 <*iso-8859-3>
1645 \ProvidesFile{se-iso-8859-3.def}[2016/05/16 v1.11 stringenc: ISO-8859-3]
1646 \def\SE@this{iso-8859-3}
1647 </iso-8859-3>
1648 <*iso-8859-4>
1649 \ProvidesFile{se-iso-8859-4.def}[2016/05/16 v1.11 stringenc: ISO-8859-4]
1650 \def\SE@this{iso-8859-4}
1651 </iso-8859-4>
1652 <*iso-8859-5>
1653 \ProvidesFile{se-iso-8859-5.def}[2016/05/16 v1.11 stringenc: ISO-8859-5]
1654 \def\SE@this{iso-8859-5}
1655 </iso-8859-5>
1656 <*iso-8859-6>
1657 \ProvidesFile{se-iso-8859-6.def}[2016/05/16 v1.11 stringenc: ISO-8859-6]
1658 \def\SE@this{iso-8859-6}
1659 </iso-8859-6>
1660 <*iso-8859-7>
1661 \ProvidesFile{se-iso-8859-7.def}[2016/05/16 v1.11 stringenc: ISO-8859-7]
1662 \def\SE@this{iso-8859-7}
1663 </iso-8859-7>
1664 <*iso-8859-8>
1665 \ProvidesFile{se-iso-8859-8.def}[2016/05/16 v1.11 stringenc: ISO-8859-8]
1666 \def\SE@this{iso-8859-8}
1667 </iso-8859-8>
1668 <*iso-8859-9>
1669 \ProvidesFile{se-iso-8859-9.def}[2016/05/16 v1.11 stringenc: ISO-8859-9]
1670 \def\SE@this{iso-8859-9}
1671 </iso-8859-9>
1672 <*iso-8859-10>
1673 \ProvidesFile{se-iso-8859-10.def}[2016/05/16 v1.11 stringenc: ISO-8859-10]
1674 \def\SE@this{iso-8859-10}
1675 </iso-8859-10>
1676 <*iso-8859-11>
1677 \ProvidesFile{se-iso-8859-11.def}[2016/05/16 v1.11 stringenc: ISO-8859-11]
1678 \def\SE@this{iso-8859-11}
1679 </iso-8859-11>
1680 <*iso-8859-13>
1681 \ProvidesFile{se-iso-8859-13.def}[2016/05/16 v1.11 stringenc: ISO-8859-13]
1682 \def\SE@this{iso-8859-13}
1683 </iso-8859-13>
1684 <*iso-8859-14>
1685 \ProvidesFile{se-iso-8859-14.def}[2016/05/16 v1.11 stringenc: ISO-8859-14]
1686 \def\SE@this{iso-8859-14}
1687 </iso-8859-14>
1688 <*iso-8859-15>
1689 \ProvidesFile{se-iso-8859-15.def}[2016/05/16 v1.11 stringenc: ISO-8859-15]
1690 \def\SE@this{iso-8859-15}
1691 </iso-8859-15>
1692 <*iso-8859-16>
1693 \ProvidesFile{se-iso-8859-16.def}[2016/05/16 v1.11 stringenc: ISO-8859-16]
1694 \def\SE@this{iso-8859-16}

```

```

1695 </iso-8859-16>
1696 <*koi8-r>
1697 \ProvidesFile{se-koi8-r.def}[2016/05/16 v1.11 stringenc: KOI8-R]
1698 \def\SE@this{koi8-r}
1699 </koi8-r>
1700 <*nextstep>
1701 \ProvidesFile{se-nextstep.def}[2016/05/16 v1.11 stringenc: NextStep]
1702 \def\SE@this{nextstep}
1703 </nextstep>
1704 <*mac-centeuro>
1705 \ProvidesFile{se-mac-centeuro.def}[2016/05/16 v1.11 stringenc: Mac OS Cen-
    tral European]
1706 \def\SE@this{mac-centeuro}
1707 </mac-centeuro>
1708 <*mac-cyrillic>
1709 \ProvidesFile{se-mac-cyrillic.def}[2016/05/16 v1.11 stringenc: Mac OS Cyrillic]
1710 \def\SE@this{mac-cyrillic}
1711 </mac-cyrillic>
1712 <*mac-roman>
1713 \ProvidesFile{se-mac-roman.def}[2016/05/16 v1.11 stringenc: Mac OS Roman]
1714 \def\SE@this{mac-roman}
1715 </mac-roman>
1716 <*dec-mcs>
1717 \ProvidesFile{se-dec-mcs.def}[2016/05/16 v1.11 stringenc: DEC-MCS]
1718 \def\SE@this{dec-mcs}
1719 </dec-mcs>
1720 <*cp437>
1721 \ProvidesFile{se-cp437.def}[2016/05/16 v1.11 stringenc: cp437]
1722 \def\SE@this{cp437}
1723 </cp437>
1724 <*cp850>
1725 \ProvidesFile{se-cp850.def}[2016/05/16 v1.11 stringenc: cp850]
1726 \def\SE@this{cp850}
1727 </cp850>
1728 <*cp852>
1729 \ProvidesFile{se-cp852.def}[2016/05/16 v1.11 stringenc: cp852]
1730 \def\SE@this{cp852}
1731 </cp852>
1732 <*cp855>
1733 \ProvidesFile{se-cp855.def}[2016/05/16 v1.11 stringenc: cp855]
1734 \def\SE@this{cp855}
1735 </cp855>
1736 <*cp858>
1737 \ProvidesFile{se-cp858.def}[2016/05/16 v1.11 stringenc: cp858]
1738 \def\SE@this{cp858}
1739 </cp858>
1740 <*cp865>
1741 \ProvidesFile{se-cp865.def}[2016/05/16 v1.11 stringenc: cp865]
1742 \def\SE@this{cp865}
1743 </cp865>
1744 <*cp866>
1745 \ProvidesFile{se-cp866.def}[2016/05/16 v1.11 stringenc: cp866]
1746 \def\SE@this{cp866}
1747 </cp866>
1748 <*cp1250>
1749 \ProvidesFile{se-cp1250.def}[2016/05/16 v1.11 stringenc: cp1250]
1750 \def\SE@this{cp1250}
1751 </cp1250>
1752 <*cp1251>
1753 \ProvidesFile{se-cp1251.def}[2016/05/16 v1.11 stringenc: cp1251]
1754 \def\SE@this{cp1251}
1755 </cp1251>

```

```

1756 <*cp1257>
1757 \ProvidesFile{se-cp1257.def}[2016/05/16 v1.11 stringenc: cp1257]
1758 \def\SE@this{cp1257}
1759 </cp1257>

1760 <*package>

1761 \def\SE@to@general#1#2#3#4{%
1762   \ifnum"#1#2#3#4<128 %
1763     \SE@ResultAdd{#3#4}%
1764   \else
1765     \SE@MapConvertTo\SE@encoding{#1#2#3#4}%
1766   \fi
1767 }
1768 \def\SE@to@general@surrogate#1#2#3#4#5#6#7#8{%
1769   \SE@InvalidCharacter
1770 }
1771 \def\SE@from@general#1{%
1772   \let\SE@next\SE@@from@general
1773   \expandafter\SE@@from@general#1\relax\relax
1774 }
1775 \def\SE@@from@general#1#2{%
1776   \ifx#1\relax
1777     \let\SE@next\relax
1778   \else
1779     \ifnum"#1<8 % "#1#2<128
1780       \SE@ResultAdd{00#1#2}%
1781     \else
1782       \SE@MapConvertFrom\SE@encoding{#1#2}%
1783     \fi
1784   \fi
1785   \SE@next
1786 }

1787 \SE@AtEnd%
1788 </package>

1789 <*general>

```

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

```

1790 \global\expandafter\let\csname\SE@PrefixTo\SE@this\endcsname
1791         \SE@to@general
1792 \global\expandafter\let\csname\SE@PrefixSurrogateTo\SE@this\endcsname
1793         \SE@to@general@surrogate
1794 \global\expandafter\let\csname\SE@PrefixFrom\SE@this\endcsname
1795         \SE@from@general
1796 </general>

```

## iso-8859-2

```

1797 <*iso-8859-2>
1798 \SE@MapDeclare{iso-8859-2}{A0}{00A0}% NO-BREAK SPACE
1799 \SE@MapDeclare{iso-8859-2}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK
1800 \SE@MapDeclare{iso-8859-2}{A2}{02D8}% BREVE
1801 \SE@MapDeclare{iso-8859-2}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE
1802 \SE@MapDeclare{iso-8859-2}{A4}{00A4}% CURRENCY SIGN
1803 \SE@MapDeclare{iso-8859-2}{A5}{013D}% LATIN CAPITAL LETTER L WITH CARON
1804 \SE@MapDeclare{iso-8859-2}{A6}{015A}% LATIN CAPITAL LETTER S WITH ACUTE
1805 \SE@MapDeclare{iso-8859-2}{A7}{00A7}% SECTION SIGN
1806 \SE@MapDeclare{iso-8859-2}{A8}{00A8}% DIAERESIS
1807 \SE@MapDeclare{iso-8859-2}{A9}{0160}% LATIN CAPITAL LETTER S WITH CARON
1808 \SE@MapDeclare{iso-8859-2}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA
1809 \SE@MapDeclare{iso-8859-2}{AB}{0164}% LATIN CAPITAL LETTER T WITH CARON
1810 \SE@MapDeclare{iso-8859-2}{AC}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE
1811 \SE@MapDeclare{iso-8859-2}{AD}{00AD}% SOFT HYPHEN
1812 \SE@MapDeclare{iso-8859-2}{AE}{017D}% LATIN CAPITAL LETTER Z WITH CARON
1813 \SE@MapDeclare{iso-8859-2}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE
1814 \SE@MapDeclare{iso-8859-2}{B0}{00B0}% DEGREE SIGN
1815 \SE@MapDeclare{iso-8859-2}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK
1816 \SE@MapDeclare{iso-8859-2}{B2}{02DB}% OGONEK
1817 \SE@MapDeclare{iso-8859-2}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE
1818 \SE@MapDeclare{iso-8859-2}{B4}{00B4}% ACUTE ACCENT
1819 \SE@MapDeclare{iso-8859-2}{B5}{013E}% LATIN SMALL LETTER L WITH CARON

```

1820 \SE@MapDeclare{iso-8859-2}{B6}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 1821 \SE@MapDeclare{iso-8859-2}{B7}{02C7}% CARON  
 1822 \SE@MapDeclare{iso-8859-2}{B8}{00B8}% CEDILLA  
 1823 \SE@MapDeclare{iso-8859-2}{B9}{0161}% LATIN SMALL LETTER S WITH CARON  
 1824 \SE@MapDeclare{iso-8859-2}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 1825 \SE@MapDeclare{iso-8859-2}{BB}{0165}% LATIN SMALL LETTER T WITH CARON  
 1826 \SE@MapDeclare{iso-8859-2}{BC}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 1827 \SE@MapDeclare{iso-8859-2}{BD}{02DD}% DOUBLE ACUTE ACCENT  
 1828 \SE@MapDeclare{iso-8859-2}{BE}{017E}% LATIN SMALL LETTER Z WITH CARON  
 1829 \SE@MapDeclare{iso-8859-2}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 1830 \SE@MapDeclare{iso-8859-2}{C0}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 1831 \SE@MapDeclare{iso-8859-2}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 1832 \SE@MapDeclare{iso-8859-2}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 1833 \SE@MapDeclare{iso-8859-2}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 1834 \SE@MapDeclare{iso-8859-2}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 1835 \SE@MapDeclare{iso-8859-2}{C5}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 1836 \SE@MapDeclare{iso-8859-2}{C6}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 1837 \SE@MapDeclare{iso-8859-2}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 1838 \SE@MapDeclare{iso-8859-2}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 1839 \SE@MapDeclare{iso-8859-2}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 1840 \SE@MapDeclare{iso-8859-2}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 1841 \SE@MapDeclare{iso-8859-2}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 1842 \SE@MapDeclare{iso-8859-2}{CC}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 1843 \SE@MapDeclare{iso-8859-2}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 1844 \SE@MapDeclare{iso-8859-2}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 1845 \SE@MapDeclare{iso-8859-2}{CF}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 1846 \SE@MapDeclare{iso-8859-2}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 1847 \SE@MapDeclare{iso-8859-2}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 1848 \SE@MapDeclare{iso-8859-2}{D2}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 1849 \SE@MapDeclare{iso-8859-2}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 1850 \SE@MapDeclare{iso-8859-2}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 1851 \SE@MapDeclare{iso-8859-2}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 1852 \SE@MapDeclare{iso-8859-2}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 1853 \SE@MapDeclare{iso-8859-2}{D7}{00D7}% MULTIPLICATION SIGN  
 1854 \SE@MapDeclare{iso-8859-2}{D8}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 1855 \SE@MapDeclare{iso-8859-2}{D9}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 1856 \SE@MapDeclare{iso-8859-2}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 1857 \SE@MapDeclare{iso-8859-2}{DB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 1858 \SE@MapDeclare{iso-8859-2}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 1859 \SE@MapDeclare{iso-8859-2}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 1860 \SE@MapDeclare{iso-8859-2}{DE}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 1861 \SE@MapDeclare{iso-8859-2}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 1862 \SE@MapDeclare{iso-8859-2}{E0}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 1863 \SE@MapDeclare{iso-8859-2}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 1864 \SE@MapDeclare{iso-8859-2}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 1865 \SE@MapDeclare{iso-8859-2}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
 1866 \SE@MapDeclare{iso-8859-2}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 1867 \SE@MapDeclare{iso-8859-2}{E5}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 1868 \SE@MapDeclare{iso-8859-2}{E6}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 1869 \SE@MapDeclare{iso-8859-2}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 1870 \SE@MapDeclare{iso-8859-2}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 1871 \SE@MapDeclare{iso-8859-2}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 1872 \SE@MapDeclare{iso-8859-2}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 1873 \SE@MapDeclare{iso-8859-2}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 1874 \SE@MapDeclare{iso-8859-2}{EC}{011B}% LATIN SMALL LETTER E WITH CARON  
 1875 \SE@MapDeclare{iso-8859-2}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 1876 \SE@MapDeclare{iso-8859-2}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 1877 \SE@MapDeclare{iso-8859-2}{EF}{010F}% LATIN SMALL LETTER D WITH CARON  
 1878 \SE@MapDeclare{iso-8859-2}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 1879 \SE@MapDeclare{iso-8859-2}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 1880 \SE@MapDeclare{iso-8859-2}{F2}{0148}% LATIN SMALL LETTER N WITH CARON  
 1881 \SE@MapDeclare{iso-8859-2}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 1882 \SE@MapDeclare{iso-8859-2}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 1883 \SE@MapDeclare{iso-8859-2}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 1884 \SE@MapDeclare{iso-8859-2}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 1885 \SE@MapDeclare{iso-8859-2}{F7}{00F7}% DIVISION SIGN  
 1886 \SE@MapDeclare{iso-8859-2}{F8}{0159}% LATIN SMALL LETTER R WITH CARON  
 1887 \SE@MapDeclare{iso-8859-2}{F9}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 1888 \SE@MapDeclare{iso-8859-2}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 1889 \SE@MapDeclare{iso-8859-2}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 1890 \SE@MapDeclare{iso-8859-2}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 1891 \SE@MapDeclare{iso-8859-2}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 1892 \SE@MapDeclare{iso-8859-2}{FE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 1893 \SE@MapDeclare{iso-8859-2}{FF}{02D9}% DOT ABOVE  
 1894 \SE@MapDeclare{iso-8859-2}{}

### iso-8859-3

1895 (\*iso-8859-3)  
 1896 \SE@MapDeclare{iso-8859-3}{A0}{00A0}% NO-BREAK SPACE  
 1897 \SE@MapDeclare{iso-8859-3}{A1}{0126}% LATIN CAPITAL LETTER H WITH STROKE  
 1898 \SE@MapDeclare{iso-8859-3}{A2}{02D8}% BREVE  
 1899 \SE@MapDeclare{iso-8859-3}{A3}{00A3}% POUND SIGN  
 1900 \SE@MapDeclare{iso-8859-3}{A4}{00A4}% CURRENCY SIGN  
 1901 \SE@MapDeclare{iso-8859-3}{A6}{0124}% LATIN CAPITAL LETTER H WITH CIRCUMFLEX

1902 \SE@MapDeclare{iso-8859-3}{A7}{00A7}% SECTION SIGN  
 1903 \SE@MapDeclare{iso-8859-3}{A8}{00A8}% DIAERESIS  
 1904 \SE@MapDeclare{iso-8859-3}{A9}{0130}% LATIN CAPITAL LETTER I WITH DOT ABOVE  
 1905 \SE@MapDeclare{iso-8859-3}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 1906 \SE@MapDeclare{iso-8859-3}{AB}{011E}% LATIN CAPITAL LETTER G WITH BREVE  
 1907 \SE@MapDeclare{iso-8859-3}{AC}{0134}% LATIN CAPITAL LETTER J WITH CIRCUMFLEX  
 1908 \SE@MapDeclare{iso-8859-3}{AD}{00AD}% SOFT HYPHEN  
 1909 \SE@MapDeclare{iso-8859-3}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 1910 \SE@MapDeclare{iso-8859-3}{B0}{00B0}% DEGREE SIGN  
 1911 \SE@MapDeclare{iso-8859-3}{B1}{0127}% LATIN SMALL LETTER H WITH STROKE  
 1912 \SE@MapDeclare{iso-8859-3}{B2}{00B2}% SUPERScript TWO  
 1913 \SE@MapDeclare{iso-8859-3}{B3}{00B3}% SUPERScript THREE  
 1914 \SE@MapDeclare{iso-8859-3}{B4}{00B4}% ACUTE ACCENT  
 1915 \SE@MapDeclare{iso-8859-3}{B5}{00B5}% MICRO SIGN  
 1916 \SE@MapDeclare{iso-8859-3}{B6}{0125}% LATIN SMALL LETTER H WITH CIRCUMFLEX  
 1917 \SE@MapDeclare{iso-8859-3}{B7}{00B7}% MIDDLE DOT  
 1918 \SE@MapDeclare{iso-8859-3}{B8}{00B8}% CEDILLA  
 1919 \SE@MapDeclare{iso-8859-3}{B9}{0131}% LATIN SMALL LETTER DOTLESS I  
 1920 \SE@MapDeclare{iso-8859-3}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 1921 \SE@MapDeclare{iso-8859-3}{BB}{011F}% LATIN SMALL LETTER G WITH BREVE  
 1922 \SE@MapDeclare{iso-8859-3}{BC}{0135}% LATIN SMALL LETTER J WITH CIRCUMFLEX  
 1923 \SE@MapDeclare{iso-8859-3}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 1924 \SE@MapDeclare{iso-8859-3}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 1925 \SE@MapDeclare{iso-8859-3}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 1926 \SE@MapDeclare{iso-8859-3}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 1927 \SE@MapDeclare{iso-8859-3}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 1928 \SE@MapDeclare{iso-8859-3}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 1929 \SE@MapDeclare{iso-8859-3}{C5}{010A}% LATIN CAPITAL LETTER C WITH DOT ABOVE  
 1930 \SE@MapDeclare{iso-8859-3}{C6}{0108}% LATIN CAPITAL LETTER C WITH CIRCUMFLEX  
 1931 \SE@MapDeclare{iso-8859-3}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 1932 \SE@MapDeclare{iso-8859-3}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 1933 \SE@MapDeclare{iso-8859-3}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 1934 \SE@MapDeclare{iso-8859-3}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 1935 \SE@MapDeclare{iso-8859-3}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 1936 \SE@MapDeclare{iso-8859-3}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 1937 \SE@MapDeclare{iso-8859-3}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 1938 \SE@MapDeclare{iso-8859-3}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 1939 \SE@MapDeclare{iso-8859-3}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 1940 \SE@MapDeclare{iso-8859-3}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 1941 \SE@MapDeclare{iso-8859-3}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 1942 \SE@MapDeclare{iso-8859-3}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 1943 \SE@MapDeclare{iso-8859-3}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 1944 \SE@MapDeclare{iso-8859-3}{D5}{0120}% LATIN CAPITAL LETTER G WITH DOT ABOVE  
 1945 \SE@MapDeclare{iso-8859-3}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 1946 \SE@MapDeclare{iso-8859-3}{D7}{00D7}% MULTIPLICATION SIGN  
 1947 \SE@MapDeclare{iso-8859-3}{D8}{011C}% LATIN CAPITAL LETTER G WITH CIRCUMFLEX  
 1948 \SE@MapDeclare{iso-8859-3}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 1949 \SE@MapDeclare{iso-8859-3}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 1950 \SE@MapDeclare{iso-8859-3}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 1951 \SE@MapDeclare{iso-8859-3}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 1952 \SE@MapDeclare{iso-8859-3}{DD}{016C}% LATIN CAPITAL LETTER U WITH BREVE  
 1953 \SE@MapDeclare{iso-8859-3}{DE}{015C}% LATIN CAPITAL LETTER S WITH CIRCUMFLEX  
 1954 \SE@MapDeclare{iso-8859-3}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 1955 \SE@MapDeclare{iso-8859-3}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 1956 \SE@MapDeclare{iso-8859-3}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 1957 \SE@MapDeclare{iso-8859-3}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 1958 \SE@MapDeclare{iso-8859-3}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 1959 \SE@MapDeclare{iso-8859-3}{E5}{010B}% LATIN SMALL LETTER C WITH DOT ABOVE  
 1960 \SE@MapDeclare{iso-8859-3}{E6}{0109}% LATIN SMALL LETTER C WITH CIRCUMFLEX  
 1961 \SE@MapDeclare{iso-8859-3}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 1962 \SE@MapDeclare{iso-8859-3}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 1963 \SE@MapDeclare{iso-8859-3}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 1964 \SE@MapDeclare{iso-8859-3}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 1965 \SE@MapDeclare{iso-8859-3}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 1966 \SE@MapDeclare{iso-8859-3}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 1967 \SE@MapDeclare{iso-8859-3}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 1968 \SE@MapDeclare{iso-8859-3}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 1969 \SE@MapDeclare{iso-8859-3}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 1970 \SE@MapDeclare{iso-8859-3}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 1971 \SE@MapDeclare{iso-8859-3}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 1972 \SE@MapDeclare{iso-8859-3}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 1973 \SE@MapDeclare{iso-8859-3}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 1974 \SE@MapDeclare{iso-8859-3}{F5}{0121}% LATIN SMALL LETTER G WITH DOT ABOVE  
 1975 \SE@MapDeclare{iso-8859-3}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 1976 \SE@MapDeclare{iso-8859-3}{F7}{00F7}% DIVISION SIGN  
 1977 \SE@MapDeclare{iso-8859-3}{F8}{011D}% LATIN SMALL LETTER G WITH CIRCUMFLEX  
 1978 \SE@MapDeclare{iso-8859-3}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 1979 \SE@MapDeclare{iso-8859-3}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 1980 \SE@MapDeclare{iso-8859-3}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 1981 \SE@MapDeclare{iso-8859-3}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 1982 \SE@MapDeclare{iso-8859-3}{FD}{016D}% LATIN SMALL LETTER U WITH BREVE  
 1983 \SE@MapDeclare{iso-8859-3}{FE}{015D}% LATIN SMALL LETTER S WITH CIRCUMFLEX  
 1984 \SE@MapDeclare{iso-8859-3}{FF}{02D9}% DOT ABOVE  
 1985 \SE@MapDeclare{iso-8859-3}{}

## iso-8859-4

1986 (\*iso-8859-4)  
1987 \SE@MapDeclare{iso-8859-4}{A0}{00A0}% NO-BREAK SPACE  
1988 \SE@MapDeclare{iso-8859-4}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
1989 \SE@MapDeclare{iso-8859-4}{A2}{0138}% LATIN SMALL LETTER KRA  
1990 \SE@MapDeclare{iso-8859-4}{A3}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
1991 \SE@MapDeclare{iso-8859-4}{A4}{00A4}% CURRENCY SIGN  
1992 \SE@MapDeclare{iso-8859-4}{A5}{0128}% LATIN CAPITAL LETTER I WITH TILDE  
1993 \SE@MapDeclare{iso-8859-4}{A6}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
1994 \SE@MapDeclare{iso-8859-4}{A7}{00A7}% SECTION SIGN  
1995 \SE@MapDeclare{iso-8859-4}{A8}{00A8}% DIAERESIS  
1996 \SE@MapDeclare{iso-8859-4}{A9}{0160}% LATIN CAPITAL LETTER S WITH CARON  
1997 \SE@MapDeclare{iso-8859-4}{AA}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
1998 \SE@MapDeclare{iso-8859-4}{AB}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
1999 \SE@MapDeclare{iso-8859-4}{AC}{0166}% LATIN CAPITAL LETTER T WITH STROKE  
2000 \SE@MapDeclare{iso-8859-4}{AD}{00AD}% SOFT HYPHEN  
2001 \SE@MapDeclare{iso-8859-4}{AE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
2002 \SE@MapDeclare{iso-8859-4}{AF}{00AF}% MACRON  
2003 \SE@MapDeclare{iso-8859-4}{B0}{00B0}% DEGREE SIGN  
2004 \SE@MapDeclare{iso-8859-4}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
2005 \SE@MapDeclare{iso-8859-4}{B2}{02DB}% OGONEK  
2006 \SE@MapDeclare{iso-8859-4}{B3}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
2007 \SE@MapDeclare{iso-8859-4}{B4}{00B4}% ACUTE ACCENT  
2008 \SE@MapDeclare{iso-8859-4}{B5}{0129}% LATIN SMALL LETTER I WITH TILDE  
2009 \SE@MapDeclare{iso-8859-4}{B6}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
2010 \SE@MapDeclare{iso-8859-4}{B7}{02C7}% CARON  
2011 \SE@MapDeclare{iso-8859-4}{B8}{00B8}% CEDILLA  
2012 \SE@MapDeclare{iso-8859-4}{B9}{0161}% LATIN SMALL LETTER S WITH CARON  
2013 \SE@MapDeclare{iso-8859-4}{BA}{0113}% LATIN SMALL LETTER E WITH MACRON  
2014 \SE@MapDeclare{iso-8859-4}{BB}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
2015 \SE@MapDeclare{iso-8859-4}{BC}{0167}% LATIN SMALL LETTER T WITH STROKE  
2016 \SE@MapDeclare{iso-8859-4}{BD}{014A}% LATIN CAPITAL LETTER ENG  
2017 \SE@MapDeclare{iso-8859-4}{BE}{017E}% LATIN SMALL LETTER Z WITH CARON  
2018 \SE@MapDeclare{iso-8859-4}{BF}{014B}% LATIN SMALL LETTER ENG  
2019 \SE@MapDeclare{iso-8859-4}{C0}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
2020 \SE@MapDeclare{iso-8859-4}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
2021 \SE@MapDeclare{iso-8859-4}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
2022 \SE@MapDeclare{iso-8859-4}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
2023 \SE@MapDeclare{iso-8859-4}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
2024 \SE@MapDeclare{iso-8859-4}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
2025 \SE@MapDeclare{iso-8859-4}{C6}{00C6}% LATIN CAPITAL LETTER AE  
2026 \SE@MapDeclare{iso-8859-4}{C7}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
2027 \SE@MapDeclare{iso-8859-4}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
2028 \SE@MapDeclare{iso-8859-4}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
2029 \SE@MapDeclare{iso-8859-4}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
2030 \SE@MapDeclare{iso-8859-4}{CB}{00CB}% LATIN CAPITAL LETTER I WITH DIAERESIS  
2031 \SE@MapDeclare{iso-8859-4}{CC}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
2032 \SE@MapDeclare{iso-8859-4}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
2033 \SE@MapDeclare{iso-8859-4}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
2034 \SE@MapDeclare{iso-8859-4}{CF}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
2035 \SE@MapDeclare{iso-8859-4}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
2036 \SE@MapDeclare{iso-8859-4}{D1}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
2037 \SE@MapDeclare{iso-8859-4}{D2}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
2038 \SE@MapDeclare{iso-8859-4}{D3}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
2039 \SE@MapDeclare{iso-8859-4}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
2040 \SE@MapDeclare{iso-8859-4}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
2041 \SE@MapDeclare{iso-8859-4}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
2042 \SE@MapDeclare{iso-8859-4}{D7}{00D7}% MULTIPLICATION SIGN  
2043 \SE@MapDeclare{iso-8859-4}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
2044 \SE@MapDeclare{iso-8859-4}{D9}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
2045 \SE@MapDeclare{iso-8859-4}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
2046 \SE@MapDeclare{iso-8859-4}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
2047 \SE@MapDeclare{iso-8859-4}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
2048 \SE@MapDeclare{iso-8859-4}{DD}{0168}% LATIN CAPITAL LETTER U WITH TILDE  
2049 \SE@MapDeclare{iso-8859-4}{DE}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
2050 \SE@MapDeclare{iso-8859-4}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
2051 \SE@MapDeclare{iso-8859-4}{E0}{0101}% LATIN SMALL LETTER A WITH MACRON  
2052 \SE@MapDeclare{iso-8859-4}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
2053 \SE@MapDeclare{iso-8859-4}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
2054 \SE@MapDeclare{iso-8859-4}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
2055 \SE@MapDeclare{iso-8859-4}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
2056 \SE@MapDeclare{iso-8859-4}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
2057 \SE@MapDeclare{iso-8859-4}{E6}{00E6}% LATIN SMALL LETTER AE  
2058 \SE@MapDeclare{iso-8859-4}{E7}{012F}% LATIN SMALL LETTER I WITH OGONEK  
2059 \SE@MapDeclare{iso-8859-4}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
2060 \SE@MapDeclare{iso-8859-4}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
2061 \SE@MapDeclare{iso-8859-4}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
2062 \SE@MapDeclare{iso-8859-4}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
2063 \SE@MapDeclare{iso-8859-4}{EC}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
2064 \SE@MapDeclare{iso-8859-4}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
2065 \SE@MapDeclare{iso-8859-4}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
2066 \SE@MapDeclare{iso-8859-4}{EF}{012B}% LATIN SMALL LETTER I WITH MACRON  
2067 \SE@MapDeclare{iso-8859-4}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
2068 \SE@MapDeclare{iso-8859-4}{F1}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
2069 \SE@MapDeclare{iso-8859-4}{F2}{014D}% LATIN SMALL LETTER O WITH MACRON

2070 \SE@MapDeclare{iso-8859-4}{F3}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2071 \SE@MapDeclare{iso-8859-4}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2072 \SE@MapDeclare{iso-8859-4}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2073 \SE@MapDeclare{iso-8859-4}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2074 \SE@MapDeclare{iso-8859-4}{F7}{00F7}% DIVISION SIGN  
 2075 \SE@MapDeclare{iso-8859-4}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2076 \SE@MapDeclare{iso-8859-4}{F9}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2077 \SE@MapDeclare{iso-8859-4}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2078 \SE@MapDeclare{iso-8859-4}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2079 \SE@MapDeclare{iso-8859-4}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2080 \SE@MapDeclare{iso-8859-4}{FD}{0169}% LATIN SMALL LETTER U WITH TILDE  
 2081 \SE@MapDeclare{iso-8859-4}{FE}{016B}% LATIN SMALL LETTER U WITH MACRON  
 2082 \SE@MapDeclare{iso-8859-4}{FF}{02D9}% DOT ABOVE  
 2083 \</iso-8859-4>

## iso-8859-5

2084 (\*iso-8859-5)  
 2085 \SE@MapDeclare{iso-8859-5}{A0}{00A0}% NO-BREAK SPACE  
 2086 \SE@MapDeclare{iso-8859-5}{A1}{0401}% CYRILLIC CAPITAL LETTER IO  
 2087 \SE@MapDeclare{iso-8859-5}{A2}{0402}% CYRILLIC CAPITAL LETTER DJE  
 2088 \SE@MapDeclare{iso-8859-5}{A3}{0403}% CYRILLIC CAPITAL LETTER GJE  
 2089 \SE@MapDeclare{iso-8859-5}{A4}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 2090 \SE@MapDeclare{iso-8859-5}{A5}{0405}% CYRILLIC CAPITAL LETTER DZE  
 2091 \SE@MapDeclare{iso-8859-5}{A6}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 2092 \SE@MapDeclare{iso-8859-5}{A7}{0407}% CYRILLIC CAPITAL LETTER YI  
 2093 \SE@MapDeclare{iso-8859-5}{A8}{0408}% CYRILLIC CAPITAL LETTER JE  
 2094 \SE@MapDeclare{iso-8859-5}{A9}{0409}% CYRILLIC CAPITAL LETTER LJE  
 2095 \SE@MapDeclare{iso-8859-5}{AA}{040A}% CYRILLIC CAPITAL LETTER NJE  
 2096 \SE@MapDeclare{iso-8859-5}{AB}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 2097 \SE@MapDeclare{iso-8859-5}{AC}{040C}% CYRILLIC CAPITAL LETTER KJE  
 2098 \SE@MapDeclare{iso-8859-5}{AD}{00AD}% SOFT HYPHEN  
 2099 \SE@MapDeclare{iso-8859-5}{AE}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 2100 \SE@MapDeclare{iso-8859-5}{AF}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 2101 \SE@MapDeclare{iso-8859-5}{B0}{0410}% CYRILLIC CAPITAL LETTER A  
 2102 \SE@MapDeclare{iso-8859-5}{B1}{0411}% CYRILLIC CAPITAL LETTER BE  
 2103 \SE@MapDeclare{iso-8859-5}{B2}{0412}% CYRILLIC CAPITAL LETTER VE  
 2104 \SE@MapDeclare{iso-8859-5}{B3}{0413}% CYRILLIC CAPITAL LETTER GHE  
 2105 \SE@MapDeclare{iso-8859-5}{B4}{0414}% CYRILLIC CAPITAL LETTER DE  
 2106 \SE@MapDeclare{iso-8859-5}{B5}{0415}% CYRILLIC CAPITAL LETTER IE  
 2107 \SE@MapDeclare{iso-8859-5}{B6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 2108 \SE@MapDeclare{iso-8859-5}{B7}{0417}% CYRILLIC CAPITAL LETTER ZE  
 2109 \SE@MapDeclare{iso-8859-5}{B8}{0418}% CYRILLIC CAPITAL LETTER I  
 2110 \SE@MapDeclare{iso-8859-5}{B9}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 2111 \SE@MapDeclare{iso-8859-5}{BA}{041A}% CYRILLIC CAPITAL LETTER KA  
 2112 \SE@MapDeclare{iso-8859-5}{BB}{041B}% CYRILLIC CAPITAL LETTER EL  
 2113 \SE@MapDeclare{iso-8859-5}{BC}{041C}% CYRILLIC CAPITAL LETTER EM  
 2114 \SE@MapDeclare{iso-8859-5}{BD}{041D}% CYRILLIC CAPITAL LETTER EN  
 2115 \SE@MapDeclare{iso-8859-5}{BE}{041E}% CYRILLIC CAPITAL LETTER O  
 2116 \SE@MapDeclare{iso-8859-5}{BF}{041F}% CYRILLIC CAPITAL LETTER PE  
 2117 \SE@MapDeclare{iso-8859-5}{C0}{0420}% CYRILLIC CAPITAL LETTER ER  
 2118 \SE@MapDeclare{iso-8859-5}{C1}{0421}% CYRILLIC CAPITAL LETTER ES  
 2119 \SE@MapDeclare{iso-8859-5}{C2}{0422}% CYRILLIC CAPITAL LETTER TE  
 2120 \SE@MapDeclare{iso-8859-5}{C3}{0423}% CYRILLIC CAPITAL LETTER U  
 2121 \SE@MapDeclare{iso-8859-5}{C4}{0424}% CYRILLIC CAPITAL LETTER EF  
 2122 \SE@MapDeclare{iso-8859-5}{C5}{0425}% CYRILLIC CAPITAL LETTER HA  
 2123 \SE@MapDeclare{iso-8859-5}{C6}{0426}% CYRILLIC CAPITAL LETTER TSE  
 2124 \SE@MapDeclare{iso-8859-5}{C7}{0427}% CYRILLIC CAPITAL LETTER CHE  
 2125 \SE@MapDeclare{iso-8859-5}{C8}{0428}% CYRILLIC CAPITAL LETTER SHA  
 2126 \SE@MapDeclare{iso-8859-5}{C9}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 2127 \SE@MapDeclare{iso-8859-5}{CA}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 2128 \SE@MapDeclare{iso-8859-5}{CB}{042B}% CYRILLIC CAPITAL LETTER YERU  
 2129 \SE@MapDeclare{iso-8859-5}{CC}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 2130 \SE@MapDeclare{iso-8859-5}{CD}{042D}% CYRILLIC CAPITAL LETTER E  
 2131 \SE@MapDeclare{iso-8859-5}{CE}{042E}% CYRILLIC CAPITAL LETTER YU  
 2132 \SE@MapDeclare{iso-8859-5}{CF}{042F}% CYRILLIC CAPITAL LETTER YA  
 2133 \SE@MapDeclare{iso-8859-5}{D0}{0430}% CYRILLIC SMALL LETTER A  
 2134 \SE@MapDeclare{iso-8859-5}{D1}{0431}% CYRILLIC SMALL LETTER BE  
 2135 \SE@MapDeclare{iso-8859-5}{D2}{0432}% CYRILLIC SMALL LETTER VE  
 2136 \SE@MapDeclare{iso-8859-5}{D3}{0433}% CYRILLIC SMALL LETTER GHE  
 2137 \SE@MapDeclare{iso-8859-5}{D4}{0434}% CYRILLIC SMALL LETTER DE  
 2138 \SE@MapDeclare{iso-8859-5}{D5}{0435}% CYRILLIC SMALL LETTER IE  
 2139 \SE@MapDeclare{iso-8859-5}{D6}{0436}% CYRILLIC SMALL LETTER ZHE  
 2140 \SE@MapDeclare{iso-8859-5}{D7}{0437}% CYRILLIC SMALL LETTER ZE  
 2141 \SE@MapDeclare{iso-8859-5}{D8}{0438}% CYRILLIC SMALL LETTER I  
 2142 \SE@MapDeclare{iso-8859-5}{D9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 2143 \SE@MapDeclare{iso-8859-5}{DA}{043A}% CYRILLIC SMALL LETTER KA  
 2144 \SE@MapDeclare{iso-8859-5}{DB}{043B}% CYRILLIC SMALL LETTER EL  
 2145 \SE@MapDeclare{iso-8859-5}{DC}{043C}% CYRILLIC SMALL LETTER EM  
 2146 \SE@MapDeclare{iso-8859-5}{DD}{043D}% CYRILLIC SMALL LETTER EN  
 2147 \SE@MapDeclare{iso-8859-5}{DE}{043E}% CYRILLIC SMALL LETTER O  
 2148 \SE@MapDeclare{iso-8859-5}{DF}{043F}% CYRILLIC SMALL LETTER PE  
 2149 \SE@MapDeclare{iso-8859-5}{E0}{0440}% CYRILLIC SMALL LETTER ER  
 2150 \SE@MapDeclare{iso-8859-5}{E1}{0441}% CYRILLIC SMALL LETTER ES  
 2151 \SE@MapDeclare{iso-8859-5}{E2}{0442}% CYRILLIC SMALL LETTER TE

2152 \SE@MapDeclare{iso-8859-5}{E3}{0443}% CYRILLIC SMALL LETTER U  
 2153 \SE@MapDeclare{iso-8859-5}{E4}{0444}% CYRILLIC SMALL LETTER EF  
 2154 \SE@MapDeclare{iso-8859-5}{E5}{0445}% CYRILLIC SMALL LETTER HA  
 2155 \SE@MapDeclare{iso-8859-5}{E6}{0446}% CYRILLIC SMALL LETTER TSE  
 2156 \SE@MapDeclare{iso-8859-5}{E7}{0447}% CYRILLIC SMALL LETTER CHE  
 2157 \SE@MapDeclare{iso-8859-5}{E8}{0448}% CYRILLIC SMALL LETTER SHA  
 2158 \SE@MapDeclare{iso-8859-5}{E9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 2159 \SE@MapDeclare{iso-8859-5}{EA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 2160 \SE@MapDeclare{iso-8859-5}{EB}{044B}% CYRILLIC SMALL LETTER YERU  
 2161 \SE@MapDeclare{iso-8859-5}{EC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 2162 \SE@MapDeclare{iso-8859-5}{ED}{044D}% CYRILLIC SMALL LETTER E  
 2163 \SE@MapDeclare{iso-8859-5}{EE}{044E}% CYRILLIC SMALL LETTER YU  
 2164 \SE@MapDeclare{iso-8859-5}{EF}{044F}% CYRILLIC SMALL LETTER YA  
 2165 \SE@MapDeclare{iso-8859-5}{F0}{2116}% NUMERO SIGN  
 2166 \SE@MapDeclare{iso-8859-5}{F1}{0451}% CYRILLIC SMALL LETTER IO  
 2167 \SE@MapDeclare{iso-8859-5}{F2}{0452}% CYRILLIC SMALL LETTER DJE  
 2168 \SE@MapDeclare{iso-8859-5}{F3}{0453}% CYRILLIC SMALL LETTER GJE  
 2169 \SE@MapDeclare{iso-8859-5}{F4}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 2170 \SE@MapDeclare{iso-8859-5}{F5}{0455}% CYRILLIC SMALL LETTER DZE  
 2171 \SE@MapDeclare{iso-8859-5}{F6}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 2172 \SE@MapDeclare{iso-8859-5}{F7}{0457}% CYRILLIC SMALL LETTER YI  
 2173 \SE@MapDeclare{iso-8859-5}{F8}{0458}% CYRILLIC SMALL LETTER JE  
 2174 \SE@MapDeclare{iso-8859-5}{F9}{0459}% CYRILLIC SMALL LETTER LJE  
 2175 \SE@MapDeclare{iso-8859-5}{FA}{045A}% CYRILLIC SMALL LETTER NJE  
 2176 \SE@MapDeclare{iso-8859-5}{FB}{045B}% CYRILLIC SMALL LETTER TSHE  
 2177 \SE@MapDeclare{iso-8859-5}{FC}{045C}% CYRILLIC SMALL LETTER KJE  
 2178 \SE@MapDeclare{iso-8859-5}{FD}{00A7}% SECTION SIGN  
 2179 \SE@MapDeclare{iso-8859-5}{FE}{045E}% CYRILLIC SMALL LETTER SHORT U  
 2180 \SE@MapDeclare{iso-8859-5}{FF}{045F}% CYRILLIC SMALL LETTER DZHE  
 2181 \</iso-8859-5>

## iso-8859-6

2182 \<iso-8859-6>  
 2183 \SE@MapDeclare{iso-8859-6}{A0}{00A0}% NO-BREAK SPACE  
 2184 \SE@MapDeclare{iso-8859-6}{A4}{00A4}% CURRENCY SIGN  
 2185 \SE@MapDeclare{iso-8859-6}{AC}{060C}% ARABIC COMMA  
 2186 \SE@MapDeclare{iso-8859-6}{AD}{00AD}% SOFT HYPHEN  
 2187 \SE@MapDeclare{iso-8859-6}{BB}{061B}% ARABIC SEMICOLON  
 2188 \SE@MapDeclare{iso-8859-6}{BF}{061F}% ARABIC QUESTION MARK  
 2189 \SE@MapDeclare{iso-8859-6}{C1}{0621}% ARABIC LETTER HAMZA  
 2190 \SE@MapDeclare{iso-8859-6}{C2}{0622}% ARABIC LETTER ALEF WITH MADDA ABOVE  
 2191 \SE@MapDeclare{iso-8859-6}{C3}{0623}% ARABIC LETTER ALEF WITH HAMZA ABOVE  
 2192 \SE@MapDeclare{iso-8859-6}{C4}{0624}% ARABIC LETTER WAW WITH HAMZA ABOVE  
 2193 \SE@MapDeclare{iso-8859-6}{C5}{0625}% ARABIC LETTER ALEF WITH HAMZA BELOW  
 2194 \SE@MapDeclare{iso-8859-6}{C6}{0626}% ARABIC LETTER YEH WITH HAMZA ABOVE  
 2195 \SE@MapDeclare{iso-8859-6}{C7}{0627}% ARABIC LETTER ALEF  
 2196 \SE@MapDeclare{iso-8859-6}{C8}{0628}% ARABIC LETTER BEH  
 2197 \SE@MapDeclare{iso-8859-6}{C9}{0629}% ARABIC LETTER TEH MARBUTA  
 2198 \SE@MapDeclare{iso-8859-6}{CA}{062A}% ARABIC LETTER TEH  
 2199 \SE@MapDeclare{iso-8859-6}{CB}{062B}% ARABIC LETTER THEH  
 2200 \SE@MapDeclare{iso-8859-6}{CC}{062C}% ARABIC LETTER JEEM  
 2201 \SE@MapDeclare{iso-8859-6}{CD}{062D}% ARABIC LETTER HAH  
 2202 \SE@MapDeclare{iso-8859-6}{CE}{062E}% ARABIC LETTER KHAH  
 2203 \SE@MapDeclare{iso-8859-6}{CF}{062F}% ARABIC LETTER DAL  
 2204 \SE@MapDeclare{iso-8859-6}{D0}{0630}% ARABIC LETTER THAL  
 2205 \SE@MapDeclare{iso-8859-6}{D1}{0631}% ARABIC LETTER REH  
 2206 \SE@MapDeclare{iso-8859-6}{D2}{0632}% ARABIC LETTER ZAIN  
 2207 \SE@MapDeclare{iso-8859-6}{D3}{0633}% ARABIC LETTER SEEN  
 2208 \SE@MapDeclare{iso-8859-6}{D4}{0634}% ARABIC LETTER SHEEN  
 2209 \SE@MapDeclare{iso-8859-6}{D5}{0635}% ARABIC LETTER SAD  
 2210 \SE@MapDeclare{iso-8859-6}{D6}{0636}% ARABIC LETTER DAD  
 2211 \SE@MapDeclare{iso-8859-6}{D7}{0637}% ARABIC LETTER TAH  
 2212 \SE@MapDeclare{iso-8859-6}{D8}{0638}% ARABIC LETTER ZAH  
 2213 \SE@MapDeclare{iso-8859-6}{D9}{0639}% ARABIC LETTER AIN  
 2214 \SE@MapDeclare{iso-8859-6}{DA}{063A}% ARABIC LETTER GHAIN  
 2215 \SE@MapDeclare{iso-8859-6}{E0}{0640}% ARABIC TATWEEL  
 2216 \SE@MapDeclare{iso-8859-6}{E1}{0641}% ARABIC LETTER FEH  
 2217 \SE@MapDeclare{iso-8859-6}{E2}{0642}% ARABIC LETTER QAF  
 2218 \SE@MapDeclare{iso-8859-6}{E3}{0643}% ARABIC LETTER KAF  
 2219 \SE@MapDeclare{iso-8859-6}{E4}{0644}% ARABIC LETTER LAM  
 2220 \SE@MapDeclare{iso-8859-6}{E5}{0645}% ARABIC LETTER MEEM  
 2221 \SE@MapDeclare{iso-8859-6}{E6}{0646}% ARABIC LETTER NOON  
 2222 \SE@MapDeclare{iso-8859-6}{E7}{0647}% ARABIC LETTER HEH  
 2223 \SE@MapDeclare{iso-8859-6}{E8}{0648}% ARABIC LETTER WAW  
 2224 \SE@MapDeclare{iso-8859-6}{E9}{0649}% ARABIC LETTER ALEF MAKSURA  
 2225 \SE@MapDeclare{iso-8859-6}{EA}{064A}% ARABIC LETTER YEH  
 2226 \SE@MapDeclare{iso-8859-6}{EB}{064B}% ARABIC FATHATAN  
 2227 \SE@MapDeclare{iso-8859-6}{EC}{064C}% ARABIC DAMMATAN  
 2228 \SE@MapDeclare{iso-8859-6}{ED}{064D}% ARABIC KASRATAN  
 2229 \SE@MapDeclare{iso-8859-6}{EE}{064E}% ARABIC FATHA  
 2230 \SE@MapDeclare{iso-8859-6}{EF}{064F}% ARABIC DAMMA  
 2231 \SE@MapDeclare{iso-8859-6}{F0}{0650}% ARABIC KASRA  
 2232 \SE@MapDeclare{iso-8859-6}{F1}{0651}% ARABIC SHADDA  
 2233 \SE@MapDeclare{iso-8859-6}{F2}{0652}% ARABIC SUKUN



**iso-8859-7**

2235 (\*iso-8859-7)  
2236 \SE@MapDeclare{iso-8859-7}{A0}{00A0}% NO-BREAK SPACE  
2237 \SE@MapDeclare{iso-8859-7}{A1}{2018}% LEFT SINGLE QUOTATION MARK  
2238 \SE@MapDeclare{iso-8859-7}{A2}{2019}% RIGHT SINGLE QUOTATION MARK  
2239 \SE@MapDeclare{iso-8859-7}{A3}{00A3}% POUND SIGN  
2240 \SE@MapDeclare{iso-8859-7}{A4}{20AC}% EURO SIGN  
2241 \SE@MapDeclare{iso-8859-7}{A5}{20AF}% DRACHMA SIGN  
2242 \SE@MapDeclare{iso-8859-7}{A6}{00A6}% BROKEN BAR  
2243 \SE@MapDeclare{iso-8859-7}{A7}{00A7}% SECTION SIGN  
2244 \SE@MapDeclare{iso-8859-7}{A8}{00A8}% DIAERESIS  
2245 \SE@MapDeclare{iso-8859-7}{A9}{00A9}% COPYRIGHT SIGN  
2246 \SE@MapDeclare{iso-8859-7}{AA}{037A}% GREEK YPOGEGRAMMENI  
2247 \SE@MapDeclare{iso-8859-7}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
2248 \SE@MapDeclare{iso-8859-7}{AC}{00AC}% NOT SIGN  
2249 \SE@MapDeclare{iso-8859-7}{AD}{00AD}% SOFT HYPHEN  
2250 \SE@MapDeclare{iso-8859-7}{AF}{2015}% HORIZONTAL BAR  
2251 \SE@MapDeclare{iso-8859-7}{B0}{00B0}% DEGREE SIGN  
2252 \SE@MapDeclare{iso-8859-7}{B1}{00B1}% PLUS-MINUS SIGN  
2253 \SE@MapDeclare{iso-8859-7}{B2}{00B2}% SUPERScript TWO  
2254 \SE@MapDeclare{iso-8859-7}{B3}{00B3}% SUPERScript THREE  
2255 \SE@MapDeclare{iso-8859-7}{B4}{0384}% GREEK TONOS  
2256 \SE@MapDeclare{iso-8859-7}{B5}{0385}% GREEK DIALYTIKA TONOS  
2257 \SE@MapDeclare{iso-8859-7}{B6}{0386}% GREEK CAPITAL LETTER ALPHA WITH TONOS  
2258 \SE@MapDeclare{iso-8859-7}{B7}{00B7}% MIDDLE DOT  
2259 \SE@MapDeclare{iso-8859-7}{B8}{0388}% GREEK CAPITAL LETTER EPSILON WITH TONOS  
2260 \SE@MapDeclare{iso-8859-7}{B9}{0389}% GREEK CAPITAL LETTER ETA WITH TONOS  
2261 \SE@MapDeclare{iso-8859-7}{BA}{038A}% GREEK CAPITAL LETTER IOTA WITH TONOS  
2262 \SE@MapDeclare{iso-8859-7}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
2263 \SE@MapDeclare{iso-8859-7}{BC}{038C}% GREEK CAPITAL LETTER OMICRON WITH TONOS  
2264 \SE@MapDeclare{iso-8859-7}{BD}{00BD}% VULGAR FRACTION ONE HALF  
2265 \SE@MapDeclare{iso-8859-7}{BE}{038E}% GREEK CAPITAL LETTER UPSILON WITH TONOS  
2266 \SE@MapDeclare{iso-8859-7}{BF}{038F}% GREEK CAPITAL LETTER OMEGA WITH TONOS  
2267 \SE@MapDeclare{iso-8859-7}{C0}{0390}% GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS  
2268 \SE@MapDeclare{iso-8859-7}{C1}{0391}% GREEK CAPITAL LETTER ALPHA  
2269 \SE@MapDeclare{iso-8859-7}{C2}{0392}% GREEK CAPITAL LETTER BETA  
2270 \SE@MapDeclare{iso-8859-7}{C3}{0393}% GREEK CAPITAL LETTER GAMMA  
2271 \SE@MapDeclare{iso-8859-7}{C4}{0394}% GREEK CAPITAL LETTER DELTA  
2272 \SE@MapDeclare{iso-8859-7}{C5}{0395}% GREEK CAPITAL LETTER EPSILON  
2273 \SE@MapDeclare{iso-8859-7}{C6}{0396}% GREEK CAPITAL LETTER ZETA  
2274 \SE@MapDeclare{iso-8859-7}{C7}{0397}% GREEK CAPITAL LETTER ETA  
2275 \SE@MapDeclare{iso-8859-7}{C8}{0398}% GREEK CAPITAL LETTER THETA  
2276 \SE@MapDeclare{iso-8859-7}{C9}{0399}% GREEK CAPITAL LETTER IOTA  
2277 \SE@MapDeclare{iso-8859-7}{CA}{039A}% GREEK CAPITAL LETTER KAPPA  
2278 \SE@MapDeclare{iso-8859-7}{CB}{039B}% GREEK CAPITAL LETTER LAMDA  
2279 \SE@MapDeclare{iso-8859-7}{CC}{039C}% GREEK CAPITAL LETTER MU  
2280 \SE@MapDeclare{iso-8859-7}{CD}{039D}% GREEK CAPITAL LETTER NU  
2281 \SE@MapDeclare{iso-8859-7}{CE}{039E}% GREEK CAPITAL LETTER XI  
2282 \SE@MapDeclare{iso-8859-7}{CF}{039F}% GREEK CAPITAL LETTER OMICRON  
2283 \SE@MapDeclare{iso-8859-7}{D0}{03A0}% GREEK CAPITAL LETTER PI  
2284 \SE@MapDeclare{iso-8859-7}{D1}{03A1}% GREEK CAPITAL LETTER RHO  
2285 \SE@MapDeclare{iso-8859-7}{D3}{03A3}% GREEK CAPITAL LETTER SIGMA  
2286 \SE@MapDeclare{iso-8859-7}{D4}{03A4}% GREEK CAPITAL LETTER TAU  
2287 \SE@MapDeclare{iso-8859-7}{D5}{03A5}% GREEK CAPITAL LETTER UPSILON  
2288 \SE@MapDeclare{iso-8859-7}{D6}{03A6}% GREEK CAPITAL LETTER PHI  
2289 \SE@MapDeclare{iso-8859-7}{D7}{03A7}% GREEK CAPITAL LETTER CHI  
2290 \SE@MapDeclare{iso-8859-7}{D8}{03A8}% GREEK CAPITAL LETTER PSI  
2291 \SE@MapDeclare{iso-8859-7}{D9}{03A9}% GREEK CAPITAL LETTER OMEGA  
2292 \SE@MapDeclare{iso-8859-7}{DA}{03AA}% GREEK CAPITAL LETTER IOTA WITH DIALYTIKA  
2293 \SE@MapDeclare{iso-8859-7}{DB}{03AB}% GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA  
2294 \SE@MapDeclare{iso-8859-7}{DC}{03AC}% GREEK SMALL LETTER ALPHA WITH TONOS  
2295 \SE@MapDeclare{iso-8859-7}{DD}{03AD}% GREEK SMALL LETTER EPSILON WITH TONOS  
2296 \SE@MapDeclare{iso-8859-7}{DE}{03AE}% GREEK SMALL LETTER ETA WITH TONOS  
2297 \SE@MapDeclare{iso-8859-7}{DF}{03AF}% GREEK SMALL LETTER IOTA WITH TONOS  
2298 \SE@MapDeclare{iso-8859-7}{E0}{03B0}% GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS  
2299 \SE@MapDeclare{iso-8859-7}{E1}{03B1}% GREEK SMALL LETTER ALPHA  
2300 \SE@MapDeclare{iso-8859-7}{E2}{03B2}% GREEK SMALL LETTER BETA  
2301 \SE@MapDeclare{iso-8859-7}{E3}{03B3}% GREEK SMALL LETTER GAMMA  
2302 \SE@MapDeclare{iso-8859-7}{E4}{03B4}% GREEK SMALL LETTER DELTA  
2303 \SE@MapDeclare{iso-8859-7}{E5}{03B5}% GREEK SMALL LETTER EPSILON  
2304 \SE@MapDeclare{iso-8859-7}{E6}{03B6}% GREEK SMALL LETTER ZETA  
2305 \SE@MapDeclare{iso-8859-7}{E7}{03B7}% GREEK SMALL LETTER ETA  
2306 \SE@MapDeclare{iso-8859-7}{E8}{03B8}% GREEK SMALL LETTER THETA  
2307 \SE@MapDeclare{iso-8859-7}{E9}{03B9}% GREEK SMALL LETTER IOTA  
2308 \SE@MapDeclare{iso-8859-7}{EA}{03BA}% GREEK SMALL LETTER KAPPA  
2309 \SE@MapDeclare{iso-8859-7}{EB}{03BB}% GREEK SMALL LETTER LAMDA  
2310 \SE@MapDeclare{iso-8859-7}{EC}{03BC}% GREEK SMALL LETTER MU  
2311 \SE@MapDeclare{iso-8859-7}{ED}{03BD}% GREEK SMALL LETTER NU  
2312 \SE@MapDeclare{iso-8859-7}{EE}{03BE}% GREEK SMALL LETTER XI  
2313 \SE@MapDeclare{iso-8859-7}{EF}{03BF}% GREEK SMALL LETTER OMICRON  
2314 \SE@MapDeclare{iso-8859-7}{F0}{03C0}% GREEK SMALL LETTER PI  
2315 \SE@MapDeclare{iso-8859-7}{F1}{03C1}% GREEK SMALL LETTER RHO

2316 \SE@MapDeclare{iso-8859-7}{F2}{03C2}% GREEK SMALL LETTER FINAL SIGMA  
 2317 \SE@MapDeclare{iso-8859-7}{F3}{03C3}% GREEK SMALL LETTER SIGMA  
 2318 \SE@MapDeclare{iso-8859-7}{F4}{03C4}% GREEK SMALL LETTER TAU  
 2319 \SE@MapDeclare{iso-8859-7}{F5}{03C5}% GREEK SMALL LETTER UPSILON  
 2320 \SE@MapDeclare{iso-8859-7}{F6}{03C6}% GREEK SMALL LETTER PHI  
 2321 \SE@MapDeclare{iso-8859-7}{F7}{03C7}% GREEK SMALL LETTER CHI  
 2322 \SE@MapDeclare{iso-8859-7}{F8}{03C8}% GREEK SMALL LETTER PSI  
 2323 \SE@MapDeclare{iso-8859-7}{F9}{03C9}% GREEK SMALL LETTER OMEGA  
 2324 \SE@MapDeclare{iso-8859-7}{FA}{03CA}% GREEK SMALL LETTER IOTA WITH DIALYTIKA  
 2325 \SE@MapDeclare{iso-8859-7}{FB}{03CB}% GREEK SMALL LETTER UPSILON WITH DIALYTIKA  
 2326 \SE@MapDeclare{iso-8859-7}{FC}{03CC}% GREEK SMALL LETTER OMICRON WITH TONOS  
 2327 \SE@MapDeclare{iso-8859-7}{FD}{03CD}% GREEK SMALL LETTER UPSILON WITH TONOS  
 2328 \SE@MapDeclare{iso-8859-7}{FE}{03CE}% GREEK SMALL LETTER OMEGA WITH TONOS  
 2329 </iso-8859-7>

## iso-8859-8

2330 (\*iso-8859-8)  
 2331 \SE@MapDeclare{iso-8859-8}{A0}{00A0}% NO-BREAK SPACE  
 2332 \SE@MapDeclare{iso-8859-8}{A2}{00A2}% CENT SIGN  
 2333 \SE@MapDeclare{iso-8859-8}{A3}{00A3}% POUND SIGN  
 2334 \SE@MapDeclare{iso-8859-8}{A4}{00A4}% CURRENCY SIGN  
 2335 \SE@MapDeclare{iso-8859-8}{A5}{00A5}% YEN SIGN  
 2336 \SE@MapDeclare{iso-8859-8}{A6}{00A6}% BROKEN BAR  
 2337 \SE@MapDeclare{iso-8859-8}{A7}{00A7}% SECTION SIGN  
 2338 \SE@MapDeclare{iso-8859-8}{A8}{00A8}% DIAERESIS  
 2339 \SE@MapDeclare{iso-8859-8}{A9}{00A9}% COPYRIGHT SIGN  
 2340 \SE@MapDeclare{iso-8859-8}{AA}{00AD}% MULTIPLICATION SIGN  
 2341 \SE@MapDeclare{iso-8859-8}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2342 \SE@MapDeclare{iso-8859-8}{AC}{00AC}% NOT SIGN  
 2343 \SE@MapDeclare{iso-8859-8}{AD}{00AD}% SOFT HYPHEN  
 2344 \SE@MapDeclare{iso-8859-8}{AE}{00AE}% REGISTERED SIGN  
 2345 \SE@MapDeclare{iso-8859-8}{AF}{00AF}% MACRON  
 2346 \SE@MapDeclare{iso-8859-8}{B0}{00B0}% DEGREE SIGN  
 2347 \SE@MapDeclare{iso-8859-8}{B1}{00B1}% PLUS-MINUS SIGN  
 2348 \SE@MapDeclare{iso-8859-8}{B2}{00B2}% SUPERSCRIT TWO  
 2349 \SE@MapDeclare{iso-8859-8}{B3}{00B3}% SUPERSCRIT THREE  
 2350 \SE@MapDeclare{iso-8859-8}{B4}{00B4}% ACUTE ACCENT  
 2351 \SE@MapDeclare{iso-8859-8}{B5}{00B5}% MICRO SIGN  
 2352 \SE@MapDeclare{iso-8859-8}{B6}{00B6}% PILCROW SIGN  
 2353 \SE@MapDeclare{iso-8859-8}{B7}{00B7}% MIDDLE DOT  
 2354 \SE@MapDeclare{iso-8859-8}{B8}{00B8}% CEDILLA  
 2355 \SE@MapDeclare{iso-8859-8}{B9}{00B9}% SUPERSCRIT ONE  
 2356 \SE@MapDeclare{iso-8859-8}{BA}{00F7}% DIVISION SIGN  
 2357 \SE@MapDeclare{iso-8859-8}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2358 \SE@MapDeclare{iso-8859-8}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2359 \SE@MapDeclare{iso-8859-8}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2360 \SE@MapDeclare{iso-8859-8}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2361 \SE@MapDeclare{iso-8859-8}{DF}{2017}% DOUBLE LOW LINE  
 2362 \SE@MapDeclare{iso-8859-8}{E0}{05D0}% HEBREW LETTER ALEF  
 2363 \SE@MapDeclare{iso-8859-8}{E1}{05D1}% HEBREW LETTER BET  
 2364 \SE@MapDeclare{iso-8859-8}{E2}{05D2}% HEBREW LETTER GIMEL  
 2365 \SE@MapDeclare{iso-8859-8}{E3}{05D3}% HEBREW LETTER DALET  
 2366 \SE@MapDeclare{iso-8859-8}{E4}{05D4}% HEBREW LETTER HE  
 2367 \SE@MapDeclare{iso-8859-8}{E5}{05D5}% HEBREW LETTER VAV  
 2368 \SE@MapDeclare{iso-8859-8}{E6}{05D6}% HEBREW LETTER ZAYIN  
 2369 \SE@MapDeclare{iso-8859-8}{E7}{05D7}% HEBREW LETTER HET  
 2370 \SE@MapDeclare{iso-8859-8}{E8}{05D8}% HEBREW LETTER TET  
 2371 \SE@MapDeclare{iso-8859-8}{E9}{05D9}% HEBREW LETTER YOD  
 2372 \SE@MapDeclare{iso-8859-8}{EA}{05DA}% HEBREW LETTER FINAL KAF  
 2373 \SE@MapDeclare{iso-8859-8}{EB}{05DB}% HEBREW LETTER KAF  
 2374 \SE@MapDeclare{iso-8859-8}{EC}{05DC}% HEBREW LETTER LAMED  
 2375 \SE@MapDeclare{iso-8859-8}{ED}{05DD}% HEBREW LETTER FINAL MEM  
 2376 \SE@MapDeclare{iso-8859-8}{EE}{05DE}% HEBREW LETTER MEM  
 2377 \SE@MapDeclare{iso-8859-8}{EF}{05DF}% HEBREW LETTER FINAL NUN  
 2378 \SE@MapDeclare{iso-8859-8}{F0}{05E0}% HEBREW LETTER NUN  
 2379 \SE@MapDeclare{iso-8859-8}{F1}{05E1}% HEBREW LETTER SAMEKH  
 2380 \SE@MapDeclare{iso-8859-8}{F2}{05E2}% HEBREW LETTER AYIN  
 2381 \SE@MapDeclare{iso-8859-8}{F3}{05E3}% HEBREW LETTER FINAL PE  
 2382 \SE@MapDeclare{iso-8859-8}{F4}{05E4}% HEBREW LETTER PE  
 2383 \SE@MapDeclare{iso-8859-8}{F5}{05E5}% HEBREW LETTER FINAL TSADI  
 2384 \SE@MapDeclare{iso-8859-8}{F6}{05E6}% HEBREW LETTER TSADI  
 2385 \SE@MapDeclare{iso-8859-8}{F7}{05E7}% HEBREW LETTER QOF  
 2386 \SE@MapDeclare{iso-8859-8}{F8}{05E8}% HEBREW LETTER RESH  
 2387 \SE@MapDeclare{iso-8859-8}{F9}{05E9}% HEBREW LETTER SHIN  
 2388 \SE@MapDeclare{iso-8859-8}{FA}{05EA}% HEBREW LETTER TAV  
 2389 \SE@MapDeclare{iso-8859-8}{FD}{200E}% LEFT-TO-RIGHT MARK  
 2390 \SE@MapDeclare{iso-8859-8}{FE}{200F}% RIGHT-TO-LEFT MARK  
 2391 </iso-8859-8>

## iso-8859-9

2392 (\*iso-8859-9)  
 2393 \SE@MapDeclare{iso-8859-9}{A0}{00A0}% NO-BREAK SPACE  
 2394 \SE@MapDeclare{iso-8859-9}{A1}{00A1}% INVERTED EXCLAMATION MARK

2395 \SE@MapDeclare{iso-8859-9}{A2}{00A2}% CENT SIGN  
 2396 \SE@MapDeclare{iso-8859-9}{A3}{00A3}% POUND SIGN  
 2397 \SE@MapDeclare{iso-8859-9}{A4}{00A4}% CURRENCY SIGN  
 2398 \SE@MapDeclare{iso-8859-9}{A5}{00A5}% YEN SIGN  
 2399 \SE@MapDeclare{iso-8859-9}{A6}{00A6}% BROKEN BAR  
 2400 \SE@MapDeclare{iso-8859-9}{A7}{00A7}% SECTION SIGN  
 2401 \SE@MapDeclare{iso-8859-9}{A8}{00A8}% DIAERESIS  
 2402 \SE@MapDeclare{iso-8859-9}{A9}{00A9}% COPYRIGHT SIGN  
 2403 \SE@MapDeclare{iso-8859-9}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
 2404 \SE@MapDeclare{iso-8859-9}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2405 \SE@MapDeclare{iso-8859-9}{AC}{00AC}% NOT SIGN  
 2406 \SE@MapDeclare{iso-8859-9}{AD}{00AD}% SOFT HYPHEN  
 2407 \SE@MapDeclare{iso-8859-9}{AE}{00AE}% REGISTERED SIGN  
 2408 \SE@MapDeclare{iso-8859-9}{AF}{00AF}% MACRON  
 2409 \SE@MapDeclare{iso-8859-9}{B0}{00B0}% DEGREE SIGN  
 2410 \SE@MapDeclare{iso-8859-9}{B1}{00B1}% PLUS-MINUS SIGN  
 2411 \SE@MapDeclare{iso-8859-9}{B2}{00B2}% SUPERScript TWO  
 2412 \SE@MapDeclare{iso-8859-9}{B3}{00B3}% SUPERScript THREE  
 2413 \SE@MapDeclare{iso-8859-9}{B4}{00B4}% ACUTE ACCENT  
 2414 \SE@MapDeclare{iso-8859-9}{B5}{00B5}% MICRO SIGN  
 2415 \SE@MapDeclare{iso-8859-9}{B6}{00B6}% PILCROW SIGN  
 2416 \SE@MapDeclare{iso-8859-9}{B7}{00B7}% MIDDLE DOT  
 2417 \SE@MapDeclare{iso-8859-9}{B8}{00B8}% CEDILLA  
 2418 \SE@MapDeclare{iso-8859-9}{B9}{00B9}% SUPERScript ONE  
 2419 \SE@MapDeclare{iso-8859-9}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
 2420 \SE@MapDeclare{iso-8859-9}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2421 \SE@MapDeclare{iso-8859-9}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2422 \SE@MapDeclare{iso-8859-9}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2423 \SE@MapDeclare{iso-8859-9}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2424 \SE@MapDeclare{iso-8859-9}{BF}{00BF}% INVERTED QUESTION MARK  
 2425 \SE@MapDeclare{iso-8859-9}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2426 \SE@MapDeclare{iso-8859-9}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2427 \SE@MapDeclare{iso-8859-9}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2428 \SE@MapDeclare{iso-8859-9}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2429 \SE@MapDeclare{iso-8859-9}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2430 \SE@MapDeclare{iso-8859-9}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2431 \SE@MapDeclare{iso-8859-9}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2432 \SE@MapDeclare{iso-8859-9}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2433 \SE@MapDeclare{iso-8859-9}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2434 \SE@MapDeclare{iso-8859-9}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2435 \SE@MapDeclare{iso-8859-9}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2436 \SE@MapDeclare{iso-8859-9}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2437 \SE@MapDeclare{iso-8859-9}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2438 \SE@MapDeclare{iso-8859-9}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2439 \SE@MapDeclare{iso-8859-9}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2440 \SE@MapDeclare{iso-8859-9}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2441 \SE@MapDeclare{iso-8859-9}{D0}{011E}% LATIN CAPITAL LETTER G WITH BREVE  
 2442 \SE@MapDeclare{iso-8859-9}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2443 \SE@MapDeclare{iso-8859-9}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2444 \SE@MapDeclare{iso-8859-9}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2445 \SE@MapDeclare{iso-8859-9}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2446 \SE@MapDeclare{iso-8859-9}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2447 \SE@MapDeclare{iso-8859-9}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2448 \SE@MapDeclare{iso-8859-9}{D7}{00D7}% MULTIPLICATION SIGN  
 2449 \SE@MapDeclare{iso-8859-9}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2450 \SE@MapDeclare{iso-8859-9}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2451 \SE@MapDeclare{iso-8859-9}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2452 \SE@MapDeclare{iso-8859-9}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2453 \SE@MapDeclare{iso-8859-9}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2454 \SE@MapDeclare{iso-8859-9}{DD}{0130}% LATIN CAPITAL LETTER I WITH DOT ABOVE  
 2455 \SE@MapDeclare{iso-8859-9}{DE}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 2456 \SE@MapDeclare{iso-8859-9}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2457 \SE@MapDeclare{iso-8859-9}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 2458 \SE@MapDeclare{iso-8859-9}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2459 \SE@MapDeclare{iso-8859-9}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2460 \SE@MapDeclare{iso-8859-9}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2461 \SE@MapDeclare{iso-8859-9}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2462 \SE@MapDeclare{iso-8859-9}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2463 \SE@MapDeclare{iso-8859-9}{E6}{00E6}% LATIN SMALL LETTER AE  
 2464 \SE@MapDeclare{iso-8859-9}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 2465 \SE@MapDeclare{iso-8859-9}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 2466 \SE@MapDeclare{iso-8859-9}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2467 \SE@MapDeclare{iso-8859-9}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 2468 \SE@MapDeclare{iso-8859-9}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2469 \SE@MapDeclare{iso-8859-9}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 2470 \SE@MapDeclare{iso-8859-9}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2471 \SE@MapDeclare{iso-8859-9}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2472 \SE@MapDeclare{iso-8859-9}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2473 \SE@MapDeclare{iso-8859-9}{F0}{011F}% LATIN SMALL LETTER G WITH BREVE  
 2474 \SE@MapDeclare{iso-8859-9}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 2475 \SE@MapDeclare{iso-8859-9}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 2476 \SE@MapDeclare{iso-8859-9}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2477 \SE@MapDeclare{iso-8859-9}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2478 \SE@MapDeclare{iso-8859-9}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2479 \SE@MapDeclare{iso-8859-9}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2480 \SE@MapDeclare{iso-8859-9}{F7}{00F7}% DIVISION SIGN

2481 \SE@MapDeclare{iso-8859-9}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2482 \SE@MapDeclare{iso-8859-9}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2483 \SE@MapDeclare{iso-8859-9}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2484 \SE@MapDeclare{iso-8859-9}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2485 \SE@MapDeclare{iso-8859-9}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2486 \SE@MapDeclare{iso-8859-9}{FD}{0131}% LATIN SMALL LETTER DOTLESS I  
 2487 \SE@MapDeclare{iso-8859-9}{FE}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
 2488 \SE@MapDeclare{iso-8859-9}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2489 </iso-8859-9>

## iso-8859-10

2490 (\*iso-8859-10)  
 2491 \SE@MapDeclare{iso-8859-10}{A0}{00A0}% NO-BREAK SPACE  
 2492 \SE@MapDeclare{iso-8859-10}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2493 \SE@MapDeclare{iso-8859-10}{A2}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 2494 \SE@MapDeclare{iso-8859-10}{A3}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 2495 \SE@MapDeclare{iso-8859-10}{A4}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 2496 \SE@MapDeclare{iso-8859-10}{A5}{0128}% LATIN CAPITAL LETTER I WITH TILDE  
 2497 \SE@MapDeclare{iso-8859-10}{A6}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 2498 \SE@MapDeclare{iso-8859-10}{A7}{00A7}% SECTION SIGN  
 2499 \SE@MapDeclare{iso-8859-10}{A8}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
 2500 \SE@MapDeclare{iso-8859-10}{A9}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 2501 \SE@MapDeclare{iso-8859-10}{AA}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2502 \SE@MapDeclare{iso-8859-10}{AB}{0166}% LATIN CAPITAL LETTER T WITH STROKE  
 2503 \SE@MapDeclare{iso-8859-10}{AC}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2504 \SE@MapDeclare{iso-8859-10}{AD}{00AD}% SOFT HYPHEN  
 2505 \SE@MapDeclare{iso-8859-10}{AE}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 2506 \SE@MapDeclare{iso-8859-10}{AF}{014A}% LATIN CAPITAL LETTER ENG  
 2507 \SE@MapDeclare{iso-8859-10}{B0}{00B0}% DEGREE SIGN  
 2508 \SE@MapDeclare{iso-8859-10}{B1}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2509 \SE@MapDeclare{iso-8859-10}{B2}{0113}% LATIN SMALL LETTER E WITH MACRON  
 2510 \SE@MapDeclare{iso-8859-10}{B3}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 2511 \SE@MapDeclare{iso-8859-10}{B4}{012B}% LATIN SMALL LETTER I WITH MACRON  
 2512 \SE@MapDeclare{iso-8859-10}{B5}{0129}% LATIN SMALL LETTER I WITH TILDE  
 2513 \SE@MapDeclare{iso-8859-10}{B6}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2514 \SE@MapDeclare{iso-8859-10}{B7}{00B7}% MIDDLE DOT  
 2515 \SE@MapDeclare{iso-8859-10}{B8}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 2516 \SE@MapDeclare{iso-8859-10}{B9}{0111}% LATIN SMALL LETTER D WITH STROKE  
 2517 \SE@MapDeclare{iso-8859-10}{BA}{0161}% LATIN SMALL LETTER S WITH CARON  
 2518 \SE@MapDeclare{iso-8859-10}{BB}{0167}% LATIN SMALL LETTER T WITH STROKE  
 2519 \SE@MapDeclare{iso-8859-10}{BC}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2520 \SE@MapDeclare{iso-8859-10}{BD}{2015}% HORIZONTAL BAR  
 2521 \SE@MapDeclare{iso-8859-10}{BE}{016B}% LATIN SMALL LETTER U WITH MACRON  
 2522 \SE@MapDeclare{iso-8859-10}{BF}{014B}% LATIN SMALL LETTER ENG  
 2523 \SE@MapDeclare{iso-8859-10}{C0}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 2524 \SE@MapDeclare{iso-8859-10}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2525 \SE@MapDeclare{iso-8859-10}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2526 \SE@MapDeclare{iso-8859-10}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2527 \SE@MapDeclare{iso-8859-10}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2528 \SE@MapDeclare{iso-8859-10}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2529 \SE@MapDeclare{iso-8859-10}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2530 \SE@MapDeclare{iso-8859-10}{C7}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 2531 \SE@MapDeclare{iso-8859-10}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2532 \SE@MapDeclare{iso-8859-10}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2533 \SE@MapDeclare{iso-8859-10}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 2534 \SE@MapDeclare{iso-8859-10}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2535 \SE@MapDeclare{iso-8859-10}{CC}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 2536 \SE@MapDeclare{iso-8859-10}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2537 \SE@MapDeclare{iso-8859-10}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2538 \SE@MapDeclare{iso-8859-10}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2539 \SE@MapDeclare{iso-8859-10}{D0}{00D0}% LATIN CAPITAL LETTER ETH (Icelandic)  
 2540 \SE@MapDeclare{iso-8859-10}{D1}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 2541 \SE@MapDeclare{iso-8859-10}{D2}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 2542 \SE@MapDeclare{iso-8859-10}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2543 \SE@MapDeclare{iso-8859-10}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2544 \SE@MapDeclare{iso-8859-10}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2545 \SE@MapDeclare{iso-8859-10}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2546 \SE@MapDeclare{iso-8859-10}{D7}{0168}% LATIN CAPITAL LETTER U WITH TILDE  
 2547 \SE@MapDeclare{iso-8859-10}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2548 \SE@MapDeclare{iso-8859-10}{D9}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 2549 \SE@MapDeclare{iso-8859-10}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2550 \SE@MapDeclare{iso-8859-10}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2551 \SE@MapDeclare{iso-8859-10}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2552 \SE@MapDeclare{iso-8859-10}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 2553 \SE@MapDeclare{iso-8859-10}{DE}{00DE}% LATIN CAPITAL LETTER THORN (Icelandic)  
 2554 \SE@MapDeclare{iso-8859-10}{DF}{00DF}% LATIN SMALL LETTER SHARP S (German)  
 2555 \SE@MapDeclare{iso-8859-10}{E0}{0101}% LATIN SMALL LETTER A WITH MACRON  
 2556 \SE@MapDeclare{iso-8859-10}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2557 \SE@MapDeclare{iso-8859-10}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2558 \SE@MapDeclare{iso-8859-10}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2559 \SE@MapDeclare{iso-8859-10}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2560 \SE@MapDeclare{iso-8859-10}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2561 \SE@MapDeclare{iso-8859-10}{E6}{00E6}% LATIN SMALL LETTER AE  
 2562 \SE@MapDeclare{iso-8859-10}{E7}{012F}% LATIN SMALL LETTER I WITH OGONEK

2563 \SE@MapDeclare{iso-8859-10}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 2564 \SE@MapDeclare{iso-8859-10}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2565 \SE@MapDeclare{iso-8859-10}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 2566 \SE@MapDeclare{iso-8859-10}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2567 \SE@MapDeclare{iso-8859-10}{EC}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 2568 \SE@MapDeclare{iso-8859-10}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2569 \SE@MapDeclare{iso-8859-10}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2570 \SE@MapDeclare{iso-8859-10}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2571 \SE@MapDeclare{iso-8859-10}{F0}{00F0}% LATIN SMALL LETTER ETH (Icelandic)  
 2572 \SE@MapDeclare{iso-8859-10}{F1}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 2573 \SE@MapDeclare{iso-8859-10}{F2}{014D}% LATIN SMALL LETTER O WITH MACRON  
 2574 \SE@MapDeclare{iso-8859-10}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2575 \SE@MapDeclare{iso-8859-10}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2576 \SE@MapDeclare{iso-8859-10}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2577 \SE@MapDeclare{iso-8859-10}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2578 \SE@MapDeclare{iso-8859-10}{F7}{0169}% LATIN SMALL LETTER U WITH TILDE  
 2579 \SE@MapDeclare{iso-8859-10}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2580 \SE@MapDeclare{iso-8859-10}{F9}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2581 \SE@MapDeclare{iso-8859-10}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2582 \SE@MapDeclare{iso-8859-10}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2583 \SE@MapDeclare{iso-8859-10}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2584 \SE@MapDeclare{iso-8859-10}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2585 \SE@MapDeclare{iso-8859-10}{FE}{00FE}% LATIN SMALL LETTER THORN (Icelandic)  
 2586 \SE@MapDeclare{iso-8859-10}{FF}{0138}% LATIN SMALL LETTER KRA  
 2587 (/iso-8859-10)

## iso-8859-11

2588 (\*iso-8859-11)  
 2589 \SE@MapDeclare{iso-8859-11}{A0}{00A0}% NO-BREAK SPACE  
 2590 \SE@MapDeclare{iso-8859-11}{A1}{0E01}% THAI CHARACTER KO KAI  
 2591 \SE@MapDeclare{iso-8859-11}{A2}{0E02}% THAI CHARACTER KHO KHAI  
 2592 \SE@MapDeclare{iso-8859-11}{A3}{0E03}% THAI CHARACTER KHO KHUAT  
 2593 \SE@MapDeclare{iso-8859-11}{A4}{0E04}% THAI CHARACTER KHO KHWAI  
 2594 \SE@MapDeclare{iso-8859-11}{A5}{0E05}% THAI CHARACTER KHO KHON  
 2595 \SE@MapDeclare{iso-8859-11}{A6}{0E06}% THAI CHARACTER KHO RAKHANG  
 2596 \SE@MapDeclare{iso-8859-11}{A7}{0E07}% THAI CHARACTER NGO NGU  
 2597 \SE@MapDeclare{iso-8859-11}{A8}{0E08}% THAI CHARACTER CHO CHAN  
 2598 \SE@MapDeclare{iso-8859-11}{A9}{0E09}% THAI CHARACTER CHO CHING  
 2599 \SE@MapDeclare{iso-8859-11}{AA}{0E0A}% THAI CHARACTER CHO CHANG  
 2600 \SE@MapDeclare{iso-8859-11}{AB}{0E0B}% THAI CHARACTER SO SO  
 2601 \SE@MapDeclare{iso-8859-11}{AC}{0E0C}% THAI CHARACTER CHO CHOE  
 2602 \SE@MapDeclare{iso-8859-11}{AD}{0E0D}% THAI CHARACTER YO YING  
 2603 \SE@MapDeclare{iso-8859-11}{AE}{0E0E}% THAI CHARACTER DO CHADA  
 2604 \SE@MapDeclare{iso-8859-11}{AF}{0E0F}% THAI CHARACTER TO PATAK  
 2605 \SE@MapDeclare{iso-8859-11}{B0}{0E10}% THAI CHARACTER THO THAN  
 2606 \SE@MapDeclare{iso-8859-11}{B1}{0E11}% THAI CHARACTER THO NANGMONTHO  
 2607 \SE@MapDeclare{iso-8859-11}{B2}{0E12}% THAI CHARACTER THO PHUTHAO  
 2608 \SE@MapDeclare{iso-8859-11}{B3}{0E13}% THAI CHARACTER NO NEN  
 2609 \SE@MapDeclare{iso-8859-11}{B4}{0E14}% THAI CHARACTER DO DEK  
 2610 \SE@MapDeclare{iso-8859-11}{B5}{0E15}% THAI CHARACTER TO TAO  
 2611 \SE@MapDeclare{iso-8859-11}{B6}{0E16}% THAI CHARACTER THO THUNG  
 2612 \SE@MapDeclare{iso-8859-11}{B7}{0E17}% THAI CHARACTER THO THAHAN  
 2613 \SE@MapDeclare{iso-8859-11}{B8}{0E18}% THAI CHARACTER THO THONG  
 2614 \SE@MapDeclare{iso-8859-11}{B9}{0E19}% THAI CHARACTER NO NU  
 2615 \SE@MapDeclare{iso-8859-11}{BA}{0E1A}% THAI CHARACTER BO BAIMAI  
 2616 \SE@MapDeclare{iso-8859-11}{BB}{0E1B}% THAI CHARACTER PO PLA  
 2617 \SE@MapDeclare{iso-8859-11}{BC}{0E1C}% THAI CHARACTER PHO PHUNG  
 2618 \SE@MapDeclare{iso-8859-11}{BD}{0E1D}% THAI CHARACTER FO FA  
 2619 \SE@MapDeclare{iso-8859-11}{BE}{0E1E}% THAI CHARACTER PHO PHAN  
 2620 \SE@MapDeclare{iso-8859-11}{BF}{0E1F}% THAI CHARACTER FO FAN  
 2621 \SE@MapDeclare{iso-8859-11}{C0}{0E20}% THAI CHARACTER PHO SAMPHAO  
 2622 \SE@MapDeclare{iso-8859-11}{C1}{0E21}% THAI CHARACTER MO MA  
 2623 \SE@MapDeclare{iso-8859-11}{C2}{0E22}% THAI CHARACTER YO YAK  
 2624 \SE@MapDeclare{iso-8859-11}{C3}{0E23}% THAI CHARACTER RO RUA  
 2625 \SE@MapDeclare{iso-8859-11}{C4}{0E24}% THAI CHARACTER RU  
 2626 \SE@MapDeclare{iso-8859-11}{C5}{0E25}% THAI CHARACTER LO LING  
 2627 \SE@MapDeclare{iso-8859-11}{C6}{0E26}% THAI CHARACTER LU  
 2628 \SE@MapDeclare{iso-8859-11}{C7}{0E27}% THAI CHARACTER WO WAEN  
 2629 \SE@MapDeclare{iso-8859-11}{C8}{0E28}% THAI CHARACTER SO SALA  
 2630 \SE@MapDeclare{iso-8859-11}{C9}{0E29}% THAI CHARACTER SO RUSI  
 2631 \SE@MapDeclare{iso-8859-11}{CA}{0E2A}% THAI CHARACTER SO SUA  
 2632 \SE@MapDeclare{iso-8859-11}{CB}{0E2B}% THAI CHARACTER HO HIP  
 2633 \SE@MapDeclare{iso-8859-11}{CC}{0E2C}% THAI CHARACTER LO CHULA  
 2634 \SE@MapDeclare{iso-8859-11}{CD}{0E2D}% THAI CHARACTER O ANG  
 2635 \SE@MapDeclare{iso-8859-11}{CE}{0E2E}% THAI CHARACTER HO NOKHUK  
 2636 \SE@MapDeclare{iso-8859-11}{CF}{0E2F}% THAI CHARACTER PAIYANNOI  
 2637 \SE@MapDeclare{iso-8859-11}{D0}{0E30}% THAI CHARACTER SARA A  
 2638 \SE@MapDeclare{iso-8859-11}{D1}{0E31}% THAI CHARACTER MAI HAN-AKAT  
 2639 \SE@MapDeclare{iso-8859-11}{D2}{0E32}% THAI CHARACTER SARA AA  
 2640 \SE@MapDeclare{iso-8859-11}{D3}{0E33}% THAI CHARACTER SARA AM  
 2641 \SE@MapDeclare{iso-8859-11}{D4}{0E34}% THAI CHARACTER SARA I  
 2642 \SE@MapDeclare{iso-8859-11}{D5}{0E35}% THAI CHARACTER SARA II  
 2643 \SE@MapDeclare{iso-8859-11}{D6}{0E36}% THAI CHARACTER SARA UE  
 2644 \SE@MapDeclare{iso-8859-11}{D7}{0E37}% THAI CHARACTER SARA UEE

2645 \SE@MapDeclare{iso-8859-11}{D8}{0E38}% THAI CHARACTER SARA U  
 2646 \SE@MapDeclare{iso-8859-11}{D9}{0E39}% THAI CHARACTER SARA UU  
 2647 \SE@MapDeclare{iso-8859-11}{DA}{0E3A}% THAI CHARACTER PHINTHU  
 2648 \SE@MapDeclare{iso-8859-11}{DF}{0E3F}% THAI CURRENCY SYMBOL BAHT  
 2649 \SE@MapDeclare{iso-8859-11}{E0}{0E40}% THAI CHARACTER SARA E  
 2650 \SE@MapDeclare{iso-8859-11}{E1}{0E41}% THAI CHARACTER SARA AE  
 2651 \SE@MapDeclare{iso-8859-11}{E2}{0E42}% THAI CHARACTER SARA O  
 2652 \SE@MapDeclare{iso-8859-11}{E3}{0E43}% THAI CHARACTER SARA AI MAIMUAN  
 2653 \SE@MapDeclare{iso-8859-11}{E4}{0E44}% THAI CHARACTER SARA AI MAIMALAI  
 2654 \SE@MapDeclare{iso-8859-11}{E5}{0E45}% THAI CHARACTER LAKKHANGYAO  
 2655 \SE@MapDeclare{iso-8859-11}{E6}{0E46}% THAI CHARACTER MAIYAMOK  
 2656 \SE@MapDeclare{iso-8859-11}{E7}{0E47}% THAI CHARACTER MAITAIKHU  
 2657 \SE@MapDeclare{iso-8859-11}{E8}{0E48}% THAI CHARACTER MAI EK  
 2658 \SE@MapDeclare{iso-8859-11}{E9}{0E49}% THAI CHARACTER MAI THO  
 2659 \SE@MapDeclare{iso-8859-11}{EA}{0E4A}% THAI CHARACTER MAI TRI  
 2660 \SE@MapDeclare{iso-8859-11}{EB}{0E4B}% THAI CHARACTER MAI CHATTAWA  
 2661 \SE@MapDeclare{iso-8859-11}{EC}{0E4C}% THAI CHARACTER THANTHAKHAT  
 2662 \SE@MapDeclare{iso-8859-11}{ED}{0E4D}% THAI CHARACTER NIKHAHIT  
 2663 \SE@MapDeclare{iso-8859-11}{EE}{0E4E}% THAI CHARACTER YAMAKKAN  
 2664 \SE@MapDeclare{iso-8859-11}{EF}{0E4F}% THAI CHARACTER FONGMAN  
 2665 \SE@MapDeclare{iso-8859-11}{F0}{0E50}% THAI DIGIT ZERO  
 2666 \SE@MapDeclare{iso-8859-11}{F1}{0E51}% THAI DIGIT ONE  
 2667 \SE@MapDeclare{iso-8859-11}{F2}{0E52}% THAI DIGIT TWO  
 2668 \SE@MapDeclare{iso-8859-11}{F3}{0E53}% THAI DIGIT THREE  
 2669 \SE@MapDeclare{iso-8859-11}{F4}{0E54}% THAI DIGIT FOUR  
 2670 \SE@MapDeclare{iso-8859-11}{F5}{0E55}% THAI DIGIT FIVE  
 2671 \SE@MapDeclare{iso-8859-11}{F6}{0E56}% THAI DIGIT SIX  
 2672 \SE@MapDeclare{iso-8859-11}{F7}{0E57}% THAI DIGIT SEVEN  
 2673 \SE@MapDeclare{iso-8859-11}{F8}{0E58}% THAI DIGIT EIGHT  
 2674 \SE@MapDeclare{iso-8859-11}{F9}{0E59}% THAI DIGIT NINE  
 2675 \SE@MapDeclare{iso-8859-11}{FA}{0E5A}% THAI CHARACTER ANGKHANKHU  
 2676 \SE@MapDeclare{iso-8859-11}{FB}{0E5B}% THAI CHARACTER KHOMUT  
 2677 \</iso-8859-11>

### iso-8859-13

2678 (\*iso-8859-13)  
 2679 \SE@MapDeclare{iso-8859-13}{A0}{00A0}% NO-BREAK SPACE  
 2680 \SE@MapDeclare{iso-8859-13}{A1}{201D}% RIGHT DOUBLE QUOTATION MARK  
 2681 \SE@MapDeclare{iso-8859-13}{A2}{00A2}% CENT SIGN  
 2682 \SE@MapDeclare{iso-8859-13}{A3}{00A3}% POUND SIGN  
 2683 \SE@MapDeclare{iso-8859-13}{A4}{00A4}% CURRENCY SIGN  
 2684 \SE@MapDeclare{iso-8859-13}{A5}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 2685 \SE@MapDeclare{iso-8859-13}{A6}{00A6}% BROKEN BAR  
 2686 \SE@MapDeclare{iso-8859-13}{A7}{00A7}% SECTION SIGN  
 2687 \SE@MapDeclare{iso-8859-13}{A8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2688 \SE@MapDeclare{iso-8859-13}{A9}{00A9}% COPYRIGHT SIGN  
 2689 \SE@MapDeclare{iso-8859-13}{AA}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 2690 \SE@MapDeclare{iso-8859-13}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2691 \SE@MapDeclare{iso-8859-13}{AC}{00AC}% NOT SIGN  
 2692 \SE@MapDeclare{iso-8859-13}{AD}{00AD}% SOFT HYPHEN  
 2693 \SE@MapDeclare{iso-8859-13}{AE}{00AE}% REGISTERED SIGN  
 2694 \SE@MapDeclare{iso-8859-13}{AF}{00C6}% LATIN CAPITAL LETTER AE  
 2695 \SE@MapDeclare{iso-8859-13}{B0}{00B0}% DEGREE SIGN  
 2696 \SE@MapDeclare{iso-8859-13}{B1}{00B1}% PLUS-MINUS SIGN  
 2697 \SE@MapDeclare{iso-8859-13}{B2}{00B2}% SUPERSCRIT TWO  
 2698 \SE@MapDeclare{iso-8859-13}{B3}{00B3}% SUPERSCRIT THREE  
 2699 \SE@MapDeclare{iso-8859-13}{B4}{201C}% LEFT DOUBLE QUOTATION MARK  
 2700 \SE@MapDeclare{iso-8859-13}{B5}{00B5}% MICRO SIGN  
 2701 \SE@MapDeclare{iso-8859-13}{B6}{00B6}% PILCROW SIGN  
 2702 \SE@MapDeclare{iso-8859-13}{B7}{00B7}% MIDDLE DOT  
 2703 \SE@MapDeclare{iso-8859-13}{B8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2704 \SE@MapDeclare{iso-8859-13}{B9}{00B9}% SUPERSCRIT ONE  
 2705 \SE@MapDeclare{iso-8859-13}{BA}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 2706 \SE@MapDeclare{iso-8859-13}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2707 \SE@MapDeclare{iso-8859-13}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
 2708 \SE@MapDeclare{iso-8859-13}{BD}{00BD}% VULGAR FRACTION ONE HALF  
 2709 \SE@MapDeclare{iso-8859-13}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
 2710 \SE@MapDeclare{iso-8859-13}{BF}{00E6}% LATIN SMALL LETTER AE  
 2711 \SE@MapDeclare{iso-8859-13}{C0}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2712 \SE@MapDeclare{iso-8859-13}{C1}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 2713 \SE@MapDeclare{iso-8859-13}{C2}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 2714 \SE@MapDeclare{iso-8859-13}{C3}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 2715 \SE@MapDeclare{iso-8859-13}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2716 \SE@MapDeclare{iso-8859-13}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2717 \SE@MapDeclare{iso-8859-13}{C6}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 2718 \SE@MapDeclare{iso-8859-13}{C7}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 2719 \SE@MapDeclare{iso-8859-13}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2720 \SE@MapDeclare{iso-8859-13}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2721 \SE@MapDeclare{iso-8859-13}{CA}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 2722 \SE@MapDeclare{iso-8859-13}{CB}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 2723 \SE@MapDeclare{iso-8859-13}{CC}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 2724 \SE@MapDeclare{iso-8859-13}{CD}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 2725 \SE@MapDeclare{iso-8859-13}{CE}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 2726 \SE@MapDeclare{iso-8859-13}{CF}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA

2727 \SE@MapDeclare{iso-8859-13}{D0}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2728 \SE@MapDeclare{iso-8859-13}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 2729 \SE@MapDeclare{iso-8859-13}{D2}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 2730 \SE@MapDeclare{iso-8859-13}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2731 \SE@MapDeclare{iso-8859-13}{D4}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 2732 \SE@MapDeclare{iso-8859-13}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2733 \SE@MapDeclare{iso-8859-13}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2734 \SE@MapDeclare{iso-8859-13}{D7}{00D7}% MULTIPLICATION SIGN  
 2735 \SE@MapDeclare{iso-8859-13}{D8}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 2736 \SE@MapDeclare{iso-8859-13}{D9}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 2737 \SE@MapDeclare{iso-8859-13}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 2738 \SE@MapDeclare{iso-8859-13}{DB}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 2739 \SE@MapDeclare{iso-8859-13}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2740 \SE@MapDeclare{iso-8859-13}{DD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 2741 \SE@MapDeclare{iso-8859-13}{DE}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2742 \SE@MapDeclare{iso-8859-13}{DF}{00DF}% LATIN SMALL LETTER SHARP S (German)  
 2743 \SE@MapDeclare{iso-8859-13}{E0}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2744 \SE@MapDeclare{iso-8859-13}{E1}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 2745 \SE@MapDeclare{iso-8859-13}{E2}{0101}% LATIN SMALL LETTER A WITH MACRON  
 2746 \SE@MapDeclare{iso-8859-13}{E3}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 2747 \SE@MapDeclare{iso-8859-13}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2748 \SE@MapDeclare{iso-8859-13}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2749 \SE@MapDeclare{iso-8859-13}{E6}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 2750 \SE@MapDeclare{iso-8859-13}{E7}{0113}% LATIN SMALL LETTER E WITH MACRON  
 2751 \SE@MapDeclare{iso-8859-13}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 2752 \SE@MapDeclare{iso-8859-13}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2753 \SE@MapDeclare{iso-8859-13}{EA}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 2754 \SE@MapDeclare{iso-8859-13}{EB}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 2755 \SE@MapDeclare{iso-8859-13}{EC}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 2756 \SE@MapDeclare{iso-8859-13}{ED}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 2757 \SE@MapDeclare{iso-8859-13}{EE}{012B}% LATIN SMALL LETTER I WITH MACRON  
 2758 \SE@MapDeclare{iso-8859-13}{EF}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 2759 \SE@MapDeclare{iso-8859-13}{F0}{0161}% LATIN SMALL LETTER S WITH CARON  
 2760 \SE@MapDeclare{iso-8859-13}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 2761 \SE@MapDeclare{iso-8859-13}{F2}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 2762 \SE@MapDeclare{iso-8859-13}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2763 \SE@MapDeclare{iso-8859-13}{F4}{014D}% LATIN SMALL LETTER O WITH MACRON  
 2764 \SE@MapDeclare{iso-8859-13}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2765 \SE@MapDeclare{iso-8859-13}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2766 \SE@MapDeclare{iso-8859-13}{F7}{00F7}% DIVISION SIGN  
 2767 \SE@MapDeclare{iso-8859-13}{F8}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 2768 \SE@MapDeclare{iso-8859-13}{F9}{0142}% LATIN SMALL LETTER L WITH STROKE  
 2769 \SE@MapDeclare{iso-8859-13}{FA}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 2770 \SE@MapDeclare{iso-8859-13}{FB}{016B}% LATIN SMALL LETTER U WITH MACRON  
 2771 \SE@MapDeclare{iso-8859-13}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2772 \SE@MapDeclare{iso-8859-13}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 2773 \SE@MapDeclare{iso-8859-13}{FE}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2774 \SE@MapDeclare{iso-8859-13}{FF}{2019}% RIGHT SINGLE QUOTATION MARK  
 2775 \SE@MapDeclare{iso-8859-13}{}

## iso-8859-14

2776 \SE@MapDeclare{iso-8859-14}{A0}{00A0}% NO-BREAK SPACE  
 2777 \SE@MapDeclare{iso-8859-14}{A1}{1E02}% LATIN CAPITAL LETTER B WITH DOT ABOVE  
 2778 \SE@MapDeclare{iso-8859-14}{A2}{1E03}% LATIN SMALL LETTER B WITH DOT ABOVE  
 2779 \SE@MapDeclare{iso-8859-14}{A3}{00A3}% POUND SIGN  
 2780 \SE@MapDeclare{iso-8859-14}{A4}{010A}% LATIN CAPITAL LETTER C WITH DOT ABOVE  
 2781 \SE@MapDeclare{iso-8859-14}{A5}{010B}% LATIN SMALL LETTER C WITH DOT ABOVE  
 2782 \SE@MapDeclare{iso-8859-14}{A6}{1E0A}% LATIN CAPITAL LETTER D WITH DOT ABOVE  
 2783 \SE@MapDeclare{iso-8859-14}{A7}{00A7}% SECTION SIGN  
 2784 \SE@MapDeclare{iso-8859-14}{A8}{1E80}% LATIN CAPITAL LETTER W WITH GRAVE  
 2785 \SE@MapDeclare{iso-8859-14}{A9}{00A9}% COPYRIGHT SIGN  
 2786 \SE@MapDeclare{iso-8859-14}{AA}{1E82}% LATIN CAPITAL LETTER W WITH ACUTE  
 2787 \SE@MapDeclare{iso-8859-14}{AB}{1E0B}% LATIN SMALL LETTER D WITH DOT ABOVE  
 2788 \SE@MapDeclare{iso-8859-14}{AC}{1EF2}% LATIN CAPITAL LETTER Y WITH GRAVE  
 2789 \SE@MapDeclare{iso-8859-14}{AD}{00AD}% SOFT HYPHEN  
 2790 \SE@MapDeclare{iso-8859-14}{AE}{00AE}% REGISTERED SIGN  
 2791 \SE@MapDeclare{iso-8859-14}{AF}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 2792 \SE@MapDeclare{iso-8859-14}{B0}{1E1E}% LATIN CAPITAL LETTER F WITH DOT ABOVE  
 2793 \SE@MapDeclare{iso-8859-14}{B1}{1E1F}% LATIN SMALL LETTER F WITH DOT ABOVE  
 2794 \SE@MapDeclare{iso-8859-14}{B2}{0120}% LATIN CAPITAL LETTER G WITH DOT ABOVE  
 2795 \SE@MapDeclare{iso-8859-14}{B3}{0121}% LATIN SMALL LETTER G WITH DOT ABOVE  
 2796 \SE@MapDeclare{iso-8859-14}{B4}{1E40}% LATIN CAPITAL LETTER M WITH DOT ABOVE  
 2797 \SE@MapDeclare{iso-8859-14}{B5}{1E41}% LATIN SMALL LETTER M WITH DOT ABOVE  
 2798 \SE@MapDeclare{iso-8859-14}{B6}{00B6}% PILCROW SIGN  
 2799 \SE@MapDeclare{iso-8859-14}{B7}{1E56}% LATIN CAPITAL LETTER P WITH DOT ABOVE  
 2800 \SE@MapDeclare{iso-8859-14}{B8}{1E81}% LATIN SMALL LETTER W WITH GRAVE  
 2801 \SE@MapDeclare{iso-8859-14}{B9}{1E57}% LATIN SMALL LETTER P WITH DOT ABOVE  
 2802 \SE@MapDeclare{iso-8859-14}{BA}{1E83}% LATIN SMALL LETTER W WITH ACUTE  
 2803 \SE@MapDeclare{iso-8859-14}{BB}{1E60}% LATIN CAPITAL LETTER S WITH DOT ABOVE  
 2804 \SE@MapDeclare{iso-8859-14}{BC}{1EF3}% LATIN SMALL LETTER Y WITH GRAVE  
 2805 \SE@MapDeclare{iso-8859-14}{BD}{1E84}% LATIN CAPITAL LETTER W WITH DIAERESIS  
 2806 \SE@MapDeclare{iso-8859-14}{BE}{1E85}% LATIN SMALL LETTER W WITH DIAERESIS  
 2807 \SE@MapDeclare{iso-8859-14}{BF}{1E61}% LATIN SMALL LETTER S WITH DOT ABOVE

2809 \SE@MapDeclare{iso-8859-14}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2810 \SE@MapDeclare{iso-8859-14}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2811 \SE@MapDeclare{iso-8859-14}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2812 \SE@MapDeclare{iso-8859-14}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2813 \SE@MapDeclare{iso-8859-14}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2814 \SE@MapDeclare{iso-8859-14}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2815 \SE@MapDeclare{iso-8859-14}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2816 \SE@MapDeclare{iso-8859-14}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2817 \SE@MapDeclare{iso-8859-14}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2818 \SE@MapDeclare{iso-8859-14}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2819 \SE@MapDeclare{iso-8859-14}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2820 \SE@MapDeclare{iso-8859-14}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2821 \SE@MapDeclare{iso-8859-14}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2822 \SE@MapDeclare{iso-8859-14}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2823 \SE@MapDeclare{iso-8859-14}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2824 \SE@MapDeclare{iso-8859-14}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2825 \SE@MapDeclare{iso-8859-14}{D0}{0174}% LATIN CAPITAL LETTER W WITH CIRCUMFLEX  
 2826 \SE@MapDeclare{iso-8859-14}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2827 \SE@MapDeclare{iso-8859-14}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2828 \SE@MapDeclare{iso-8859-14}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2829 \SE@MapDeclare{iso-8859-14}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2830 \SE@MapDeclare{iso-8859-14}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2831 \SE@MapDeclare{iso-8859-14}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2832 \SE@MapDeclare{iso-8859-14}{D7}{1E6A}% LATIN CAPITAL LETTER T WITH DOT ABOVE  
 2833 \SE@MapDeclare{iso-8859-14}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2834 \SE@MapDeclare{iso-8859-14}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2835 \SE@MapDeclare{iso-8859-14}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2836 \SE@MapDeclare{iso-8859-14}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2837 \SE@MapDeclare{iso-8859-14}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2838 \SE@MapDeclare{iso-8859-14}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 2839 \SE@MapDeclare{iso-8859-14}{DE}{0176}% LATIN CAPITAL LETTER Y WITH CIRCUMFLEX  
 2840 \SE@MapDeclare{iso-8859-14}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2841 \SE@MapDeclare{iso-8859-14}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 2842 \SE@MapDeclare{iso-8859-14}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2843 \SE@MapDeclare{iso-8859-14}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2844 \SE@MapDeclare{iso-8859-14}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2845 \SE@MapDeclare{iso-8859-14}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2846 \SE@MapDeclare{iso-8859-14}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2847 \SE@MapDeclare{iso-8859-14}{E6}{00E6}% LATIN SMALL LETTER AE  
 2848 \SE@MapDeclare{iso-8859-14}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 2849 \SE@MapDeclare{iso-8859-14}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 2850 \SE@MapDeclare{iso-8859-14}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2851 \SE@MapDeclare{iso-8859-14}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 2852 \SE@MapDeclare{iso-8859-14}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2853 \SE@MapDeclare{iso-8859-14}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 2854 \SE@MapDeclare{iso-8859-14}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2855 \SE@MapDeclare{iso-8859-14}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2856 \SE@MapDeclare{iso-8859-14}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2857 \SE@MapDeclare{iso-8859-14}{F0}{0175}% LATIN SMALL LETTER W WITH CIRCUMFLEX  
 2858 \SE@MapDeclare{iso-8859-14}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 2859 \SE@MapDeclare{iso-8859-14}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 2860 \SE@MapDeclare{iso-8859-14}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2861 \SE@MapDeclare{iso-8859-14}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2862 \SE@MapDeclare{iso-8859-14}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2863 \SE@MapDeclare{iso-8859-14}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2864 \SE@MapDeclare{iso-8859-14}{F7}{1E6B}% LATIN SMALL LETTER T WITH DOT ABOVE  
 2865 \SE@MapDeclare{iso-8859-14}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2866 \SE@MapDeclare{iso-8859-14}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2867 \SE@MapDeclare{iso-8859-14}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2868 \SE@MapDeclare{iso-8859-14}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2869 \SE@MapDeclare{iso-8859-14}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2870 \SE@MapDeclare{iso-8859-14}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2871 \SE@MapDeclare{iso-8859-14}{FE}{0177}% LATIN SMALL LETTER Y WITH CIRCUMFLEX  
 2872 \SE@MapDeclare{iso-8859-14}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2873 (/iso-8859-14)

## iso-8859-15

2874 (\*iso-8859-15)  
 2875 \SE@MapDeclare{iso-8859-15}{A0}{00A0}% NO-BREAK SPACE  
 2876 \SE@MapDeclare{iso-8859-15}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 2877 \SE@MapDeclare{iso-8859-15}{A2}{00A2}% CENT SIGN  
 2878 \SE@MapDeclare{iso-8859-15}{A3}{00A3}% POUND SIGN  
 2879 \SE@MapDeclare{iso-8859-15}{A4}{20AC}% EURO SIGN  
 2880 \SE@MapDeclare{iso-8859-15}{A5}{00A5}% YEN SIGN  
 2881 \SE@MapDeclare{iso-8859-15}{A6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2882 \SE@MapDeclare{iso-8859-15}{A7}{00A7}% SECTION SIGN  
 2883 \SE@MapDeclare{iso-8859-15}{A8}{0161}% LATIN SMALL LETTER S WITH CARON  
 2884 \SE@MapDeclare{iso-8859-15}{A9}{00A9}% COPYRIGHT SIGN  
 2885 \SE@MapDeclare{iso-8859-15}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
 2886 \SE@MapDeclare{iso-8859-15}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2887 \SE@MapDeclare{iso-8859-15}{AC}{00AC}% NOT SIGN  
 2888 \SE@MapDeclare{iso-8859-15}{AD}{00AD}% SOFT HYPHEN  
 2889 \SE@MapDeclare{iso-8859-15}{AE}{00AE}% REGISTERED SIGN  
 2890 \SE@MapDeclare{iso-8859-15}{AF}{00AF}% MACRON



2891 \SE@MapDeclare{iso-8859-15}{B0}{00B0}% DEGREE SIGN  
 2892 \SE@MapDeclare{iso-8859-15}{B1}{00B1}% PLUS-MINUS SIGN  
 2893 \SE@MapDeclare{iso-8859-15}{B2}{00B2}% SUPERScript TWO  
 2894 \SE@MapDeclare{iso-8859-15}{B3}{00B3}% SUPERScript THREE  
 2895 \SE@MapDeclare{iso-8859-15}{B4}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2896 \SE@MapDeclare{iso-8859-15}{B5}{00B5}% MICRO SIGN  
 2897 \SE@MapDeclare{iso-8859-15}{B6}{00B6}% PILCROW SIGN  
 2898 \SE@MapDeclare{iso-8859-15}{B7}{00B7}% MIDDLE DOT  
 2899 \SE@MapDeclare{iso-8859-15}{B8}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2900 \SE@MapDeclare{iso-8859-15}{B9}{00B9}% SUPERScript ONE  
 2901 \SE@MapDeclare{iso-8859-15}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
 2902 \SE@MapDeclare{iso-8859-15}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2903 \SE@MapDeclare{iso-8859-15}{BC}{0152}% LATIN CAPITAL LIGATURE OE  
 2904 \SE@MapDeclare{iso-8859-15}{BD}{0153}% LATIN SMALL LIGATURE OE  
 2905 \SE@MapDeclare{iso-8859-15}{BE}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 2906 \SE@MapDeclare{iso-8859-15}{BF}{00BF}% INVERTED QUESTION MARK  
 2907 \SE@MapDeclare{iso-8859-15}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 2908 \SE@MapDeclare{iso-8859-15}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 2909 \SE@MapDeclare{iso-8859-15}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 2910 \SE@MapDeclare{iso-8859-15}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 2911 \SE@MapDeclare{iso-8859-15}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 2912 \SE@MapDeclare{iso-8859-15}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 2913 \SE@MapDeclare{iso-8859-15}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 2914 \SE@MapDeclare{iso-8859-15}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 2915 \SE@MapDeclare{iso-8859-15}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 2916 \SE@MapDeclare{iso-8859-15}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 2917 \SE@MapDeclare{iso-8859-15}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 2918 \SE@MapDeclare{iso-8859-15}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 2919 \SE@MapDeclare{iso-8859-15}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 2920 \SE@MapDeclare{iso-8859-15}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 2921 \SE@MapDeclare{iso-8859-15}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 2922 \SE@MapDeclare{iso-8859-15}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 2923 \SE@MapDeclare{iso-8859-15}{D0}{00D0}% LATIN CAPITAL LETTER ETH  
 2924 \SE@MapDeclare{iso-8859-15}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 2925 \SE@MapDeclare{iso-8859-15}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 2926 \SE@MapDeclare{iso-8859-15}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 2927 \SE@MapDeclare{iso-8859-15}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 2928 \SE@MapDeclare{iso-8859-15}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 2929 \SE@MapDeclare{iso-8859-15}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 2930 \SE@MapDeclare{iso-8859-15}{D7}{00D7}% MULTIPLICATION SIGN  
 2931 \SE@MapDeclare{iso-8859-15}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 2932 \SE@MapDeclare{iso-8859-15}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 2933 \SE@MapDeclare{iso-8859-15}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 2934 \SE@MapDeclare{iso-8859-15}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 2935 \SE@MapDeclare{iso-8859-15}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 2936 \SE@MapDeclare{iso-8859-15}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 2937 \SE@MapDeclare{iso-8859-15}{DE}{00DE}% LATIN CAPITAL LETTER THORN  
 2938 \SE@MapDeclare{iso-8859-15}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 2939 \SE@MapDeclare{iso-8859-15}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 2940 \SE@MapDeclare{iso-8859-15}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 2941 \SE@MapDeclare{iso-8859-15}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 2942 \SE@MapDeclare{iso-8859-15}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 2943 \SE@MapDeclare{iso-8859-15}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 2944 \SE@MapDeclare{iso-8859-15}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 2945 \SE@MapDeclare{iso-8859-15}{E6}{00E6}% LATIN SMALL LETTER AE  
 2946 \SE@MapDeclare{iso-8859-15}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 2947 \SE@MapDeclare{iso-8859-15}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 2948 \SE@MapDeclare{iso-8859-15}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 2949 \SE@MapDeclare{iso-8859-15}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 2950 \SE@MapDeclare{iso-8859-15}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 2951 \SE@MapDeclare{iso-8859-15}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 2952 \SE@MapDeclare{iso-8859-15}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 2953 \SE@MapDeclare{iso-8859-15}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 2954 \SE@MapDeclare{iso-8859-15}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 2955 \SE@MapDeclare{iso-8859-15}{F0}{00F0}% LATIN SMALL LETTER ETH  
 2956 \SE@MapDeclare{iso-8859-15}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 2957 \SE@MapDeclare{iso-8859-15}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 2958 \SE@MapDeclare{iso-8859-15}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 2959 \SE@MapDeclare{iso-8859-15}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 2960 \SE@MapDeclare{iso-8859-15}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 2961 \SE@MapDeclare{iso-8859-15}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 2962 \SE@MapDeclare{iso-8859-15}{F7}{00F7}% DIVISION SIGN  
 2963 \SE@MapDeclare{iso-8859-15}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 2964 \SE@MapDeclare{iso-8859-15}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 2965 \SE@MapDeclare{iso-8859-15}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 2966 \SE@MapDeclare{iso-8859-15}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 2967 \SE@MapDeclare{iso-8859-15}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 2968 \SE@MapDeclare{iso-8859-15}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 2969 \SE@MapDeclare{iso-8859-15}{FE}{00FE}% LATIN SMALL LETTER THORN  
 2970 \SE@MapDeclare{iso-8859-15}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 2971 </iso-8859-15>

## iso-8859-16

2972 (\*iso-8859-16)

2973 \SE@MapDeclare{iso-8859-16}{A0}{00A0}% NO-BREAK SPACE  
 2974 \SE@MapDeclare{iso-8859-16}{A1}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 2975 \SE@MapDeclare{iso-8859-16}{A2}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 2976 \SE@MapDeclare{iso-8859-16}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 2977 \SE@MapDeclare{iso-8859-16}{A4}{20AC}% EURO SIGN  
 2978 \SE@MapDeclare{iso-8859-16}{A5}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 2979 \SE@MapDeclare{iso-8859-16}{A6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 2980 \SE@MapDeclare{iso-8859-16}{A7}{00A7}% SECTION SIGN  
 2981 \SE@MapDeclare{iso-8859-16}{A8}{0161}% LATIN SMALL LETTER S WITH CARON  
 2982 \SE@MapDeclare{iso-8859-16}{A9}{00A9}% COPYRIGHT SIGN  
 2983 \SE@MapDeclare{iso-8859-16}{AA}{0218}% LATIN CAPITAL LETTER S WITH COMMA BELOW  
 2984 \SE@MapDeclare{iso-8859-16}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 2985 \SE@MapDeclare{iso-8859-16}{AC}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 2986 \SE@MapDeclare{iso-8859-16}{AD}{00AD}% SOFT HYPHEN  
 2987 \SE@MapDeclare{iso-8859-16}{AE}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 2988 \SE@MapDeclare{iso-8859-16}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 2989 \SE@MapDeclare{iso-8859-16}{B0}{00B0}% DEGREE SIGN  
 2990 \SE@MapDeclare{iso-8859-16}{B1}{00B1}% PLUS-MINUS SIGN  
 2991 \SE@MapDeclare{iso-8859-16}{B2}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 2992 \SE@MapDeclare{iso-8859-16}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
 2993 \SE@MapDeclare{iso-8859-16}{B4}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 2994 \SE@MapDeclare{iso-8859-16}{B5}{201D}% RIGHT DOUBLE QUOTATION MARK  
 2995 \SE@MapDeclare{iso-8859-16}{B6}{00B6}% PILCROW SIGN  
 2996 \SE@MapDeclare{iso-8859-16}{B7}{00B7}% MIDDLE DOT  
 2997 \SE@MapDeclare{iso-8859-16}{B8}{017E}% LATIN SMALL LETTER Z WITH CARON  
 2998 \SE@MapDeclare{iso-8859-16}{B9}{010D}% LATIN SMALL LETTER C WITH CARON  
 2999 \SE@MapDeclare{iso-8859-16}{BA}{0219}% LATIN SMALL LETTER S WITH COMMA BELOW  
 3000 \SE@MapDeclare{iso-8859-16}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3001 \SE@MapDeclare{iso-8859-16}{BC}{0152}% LATIN CAPITAL LIGATURE OE  
 3002 \SE@MapDeclare{iso-8859-16}{BD}{0153}% LATIN SMALL LIGATURE OE  
 3003 \SE@MapDeclare{iso-8859-16}{BE}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 3004 \SE@MapDeclare{iso-8859-16}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 3005 \SE@MapDeclare{iso-8859-16}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3006 \SE@MapDeclare{iso-8859-16}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3007 \SE@MapDeclare{iso-8859-16}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3008 \SE@MapDeclare{iso-8859-16}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
 3009 \SE@MapDeclare{iso-8859-16}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3010 \SE@MapDeclare{iso-8859-16}{C5}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 3011 \SE@MapDeclare{iso-8859-16}{C6}{00C6}% LATIN CAPITAL LETTER AE  
 3012 \SE@MapDeclare{iso-8859-16}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3013 \SE@MapDeclare{iso-8859-16}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 3014 \SE@MapDeclare{iso-8859-16}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3015 \SE@MapDeclare{iso-8859-16}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3016 \SE@MapDeclare{iso-8859-16}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3017 \SE@MapDeclare{iso-8859-16}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 3018 \SE@MapDeclare{iso-8859-16}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3019 \SE@MapDeclare{iso-8859-16}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3020 \SE@MapDeclare{iso-8859-16}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 3021 \SE@MapDeclare{iso-8859-16}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 3022 \SE@MapDeclare{iso-8859-16}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 3023 \SE@MapDeclare{iso-8859-16}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 3024 \SE@MapDeclare{iso-8859-16}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3025 \SE@MapDeclare{iso-8859-16}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3026 \SE@MapDeclare{iso-8859-16}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 3027 \SE@MapDeclare{iso-8859-16}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3028 \SE@MapDeclare{iso-8859-16}{D7}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 3029 \SE@MapDeclare{iso-8859-16}{D8}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 3030 \SE@MapDeclare{iso-8859-16}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 3031 \SE@MapDeclare{iso-8859-16}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3032 \SE@MapDeclare{iso-8859-16}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3033 \SE@MapDeclare{iso-8859-16}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3034 \SE@MapDeclare{iso-8859-16}{DD}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 3035 \SE@MapDeclare{iso-8859-16}{DE}{021A}% LATIN CAPITAL LETTER T WITH COMMA BELOW  
 3036 \SE@MapDeclare{iso-8859-16}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 3037 \SE@MapDeclare{iso-8859-16}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3038 \SE@MapDeclare{iso-8859-16}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3039 \SE@MapDeclare{iso-8859-16}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3040 \SE@MapDeclare{iso-8859-16}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
 3041 \SE@MapDeclare{iso-8859-16}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3042 \SE@MapDeclare{iso-8859-16}{E5}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 3043 \SE@MapDeclare{iso-8859-16}{E6}{00E6}% LATIN SMALL LETTER AE  
 3044 \SE@MapDeclare{iso-8859-16}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3045 \SE@MapDeclare{iso-8859-16}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3046 \SE@MapDeclare{iso-8859-16}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3047 \SE@MapDeclare{iso-8859-16}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3048 \SE@MapDeclare{iso-8859-16}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3049 \SE@MapDeclare{iso-8859-16}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3050 \SE@MapDeclare{iso-8859-16}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3051 \SE@MapDeclare{iso-8859-16}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3052 \SE@MapDeclare{iso-8859-16}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3053 \SE@MapDeclare{iso-8859-16}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 3054 \SE@MapDeclare{iso-8859-16}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 3055 \SE@MapDeclare{iso-8859-16}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3056 \SE@MapDeclare{iso-8859-16}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3057 \SE@MapDeclare{iso-8859-16}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3058 \SE@MapDeclare{iso-8859-16}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE

3059 \SE@MapDeclare{iso-8859-16}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3060 \SE@MapDeclare{iso-8859-16}{F7}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 3061 \SE@MapDeclare{iso-8859-16}{F8}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 3062 \SE@MapDeclare{iso-8859-16}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3063 \SE@MapDeclare{iso-8859-16}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3064 \SE@MapDeclare{iso-8859-16}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3065 \SE@MapDeclare{iso-8859-16}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3066 \SE@MapDeclare{iso-8859-16}{FD}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 3067 \SE@MapDeclare{iso-8859-16}{FE}{021B}% LATIN SMALL LETTER T WITH COMMA BELOW  
 3068 \SE@MapDeclare{iso-8859-16}{FF}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3069 (/iso-8859-16)

## koi8-r

3070 (\*koi8-r)  
 3071 \SE@MapDeclare{koi8-r}{80}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 3072 \SE@MapDeclare{koi8-r}{81}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 3073 \SE@MapDeclare{koi8-r}{82}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 3074 \SE@MapDeclare{koi8-r}{83}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 3075 \SE@MapDeclare{koi8-r}{84}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 3076 \SE@MapDeclare{koi8-r}{85}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 3077 \SE@MapDeclare{koi8-r}{86}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 3078 \SE@MapDeclare{koi8-r}{87}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 3079 \SE@MapDeclare{koi8-r}{88}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 3080 \SE@MapDeclare{koi8-r}{89}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 3081 \SE@MapDeclare{koi8-r}{8A}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 3082 \SE@MapDeclare{koi8-r}{8B}{2580}% UPPER HALF BLOCK  
 3083 \SE@MapDeclare{koi8-r}{8C}{2584}% LOWER HALF BLOCK  
 3084 \SE@MapDeclare{koi8-r}{8D}{2588}% FULL BLOCK  
 3085 \SE@MapDeclare{koi8-r}{8E}{258C}% LEFT HALF BLOCK  
 3086 \SE@MapDeclare{koi8-r}{8F}{2590}% RIGHT HALF BLOCK  
 3087 \SE@MapDeclare{koi8-r}{90}{2591}% LIGHT SHADE  
 3088 \SE@MapDeclare{koi8-r}{91}{2592}% MEDIUM SHADE  
 3089 \SE@MapDeclare{koi8-r}{92}{2593}% DARK SHADE  
 3090 \SE@MapDeclare{koi8-r}{93}{2320}% TOP HALF INTEGRAL  
 3091 \SE@MapDeclare{koi8-r}{94}{25A0}% BLACK SQUARE  
 3092 \SE@MapDeclare{koi8-r}{95}{2219}% BULLET OPERATOR  
 3093 \SE@MapDeclare{koi8-r}{96}{221A}% SQUARE ROOT  
 3094 \SE@MapDeclare{koi8-r}{97}{2248}% ALMOST EQUAL TO  
 3095 \SE@MapDeclare{koi8-r}{98}{2264}% LESS-THAN OR EQUAL TO  
 3096 \SE@MapDeclare{koi8-r}{99}{2265}% GREATER-THAN OR EQUAL TO  
 3097 \SE@MapDeclare{koi8-r}{9A}{00A0}% NO-BREAK SPACE  
 3098 \SE@MapDeclare{koi8-r}{9B}{2321}% BOTTOM HALF INTEGRAL  
 3099 \SE@MapDeclare{koi8-r}{9C}{00B0}% DEGREE SIGN  
 3100 \SE@MapDeclare{koi8-r}{9D}{00B2}% SUPERSCRIP TWO  
 3101 \SE@MapDeclare{koi8-r}{9E}{00B7}% MIDDLE DOT  
 3102 \SE@MapDeclare{koi8-r}{9F}{00F7}% DIVISION SIGN  
 3103 \SE@MapDeclare{koi8-r}{A0}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 3104 \SE@MapDeclare{koi8-r}{A1}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 3105 \SE@MapDeclare{koi8-r}{A2}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 3106 \SE@MapDeclare{koi8-r}{A3}{0451}% CYRILLIC SMALL LETTER IO  
 3107 \SE@MapDeclare{koi8-r}{A4}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 3108 \SE@MapDeclare{koi8-r}{A5}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 3109 \SE@MapDeclare{koi8-r}{A6}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 3110 \SE@MapDeclare{koi8-r}{A7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 3111 \SE@MapDeclare{koi8-r}{A8}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 3112 \SE@MapDeclare{koi8-r}{A9}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 3113 \SE@MapDeclare{koi8-r}{AA}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 3114 \SE@MapDeclare{koi8-r}{AB}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 3115 \SE@MapDeclare{koi8-r}{AC}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 3116 \SE@MapDeclare{koi8-r}{AD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 3117 \SE@MapDeclare{koi8-r}{AE}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 3118 \SE@MapDeclare{koi8-r}{AF}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 3119 \SE@MapDeclare{koi8-r}{B0}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 3120 \SE@MapDeclare{koi8-r}{B1}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 3121 \SE@MapDeclare{koi8-r}{B2}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 3122 \SE@MapDeclare{koi8-r}{B3}{0401}% CYRILLIC CAPITAL LETTER IO  
 3123 \SE@MapDeclare{koi8-r}{B4}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 3124 \SE@MapDeclare{koi8-r}{B5}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 3125 \SE@MapDeclare{koi8-r}{B6}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 3126 \SE@MapDeclare{koi8-r}{B7}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 3127 \SE@MapDeclare{koi8-r}{B8}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 3128 \SE@MapDeclare{koi8-r}{B9}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 3129 \SE@MapDeclare{koi8-r}{BA}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 3130 \SE@MapDeclare{koi8-r}{BB}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 3131 \SE@MapDeclare{koi8-r}{BC}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 3132 \SE@MapDeclare{koi8-r}{BD}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 3133 \SE@MapDeclare{koi8-r}{BE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 3134 \SE@MapDeclare{koi8-r}{BF}{00A9}% COPYRIGHT SIGN  
 3135 \SE@MapDeclare{koi8-r}{C0}{044E}% CYRILLIC SMALL LETTER YU  
 3136 \SE@MapDeclare{koi8-r}{C1}{0430}% CYRILLIC SMALL LETTER A

3137 \SE@MapDeclare{koi8-r}{C2}{0431}% CYRILLIC SMALL LETTER BE  
 3138 \SE@MapDeclare{koi8-r}{C3}{0446}% CYRILLIC SMALL LETTER TSE  
 3139 \SE@MapDeclare{koi8-r}{C4}{0434}% CYRILLIC SMALL LETTER DE  
 3140 \SE@MapDeclare{koi8-r}{C5}{0435}% CYRILLIC SMALL LETTER IE  
 3141 \SE@MapDeclare{koi8-r}{C6}{0444}% CYRILLIC SMALL LETTER EF  
 3142 \SE@MapDeclare{koi8-r}{C7}{0433}% CYRILLIC SMALL LETTER GHE  
 3143 \SE@MapDeclare{koi8-r}{C8}{0445}% CYRILLIC SMALL LETTER HA  
 3144 \SE@MapDeclare{koi8-r}{C9}{0438}% CYRILLIC SMALL LETTER I  
 3145 \SE@MapDeclare{koi8-r}{CA}{0439}% CYRILLIC SMALL LETTER SHORT I  
 3146 \SE@MapDeclare{koi8-r}{CB}{043A}% CYRILLIC SMALL LETTER KA  
 3147 \SE@MapDeclare{koi8-r}{CC}{043B}% CYRILLIC SMALL LETTER EL  
 3148 \SE@MapDeclare{koi8-r}{CD}{043C}% CYRILLIC SMALL LETTER EM  
 3149 \SE@MapDeclare{koi8-r}{CE}{043D}% CYRILLIC SMALL LETTER EN  
 3150 \SE@MapDeclare{koi8-r}{CF}{043E}% CYRILLIC SMALL LETTER O  
 3151 \SE@MapDeclare{koi8-r}{D0}{043F}% CYRILLIC SMALL LETTER PE  
 3152 \SE@MapDeclare{koi8-r}{D1}{044F}% CYRILLIC SMALL LETTER YA  
 3153 \SE@MapDeclare{koi8-r}{D2}{0440}% CYRILLIC SMALL LETTER ER  
 3154 \SE@MapDeclare{koi8-r}{D3}{0441}% CYRILLIC SMALL LETTER ES  
 3155 \SE@MapDeclare{koi8-r}{D4}{0442}% CYRILLIC SMALL LETTER TE  
 3156 \SE@MapDeclare{koi8-r}{D5}{0443}% CYRILLIC SMALL LETTER U  
 3157 \SE@MapDeclare{koi8-r}{D6}{0436}% CYRILLIC SMALL LETTER ZHE  
 3158 \SE@MapDeclare{koi8-r}{D7}{0432}% CYRILLIC SMALL LETTER VE  
 3159 \SE@MapDeclare{koi8-r}{D8}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 3160 \SE@MapDeclare{koi8-r}{D9}{044B}% CYRILLIC SMALL LETTER YERU  
 3161 \SE@MapDeclare{koi8-r}{DA}{0437}% CYRILLIC SMALL LETTER ZE  
 3162 \SE@MapDeclare{koi8-r}{DB}{0448}% CYRILLIC SMALL LETTER SHA  
 3163 \SE@MapDeclare{koi8-r}{DC}{044D}% CYRILLIC SMALL LETTER E  
 3164 \SE@MapDeclare{koi8-r}{DD}{0449}% CYRILLIC SMALL LETTER SHCHA  
 3165 \SE@MapDeclare{koi8-r}{DE}{0447}% CYRILLIC SMALL LETTER CHE  
 3166 \SE@MapDeclare{koi8-r}{DF}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 3167 \SE@MapDeclare{koi8-r}{E0}{042E}% CYRILLIC CAPITAL LETTER YU  
 3168 \SE@MapDeclare{koi8-r}{E1}{0410}% CYRILLIC CAPITAL LETTER A  
 3169 \SE@MapDeclare{koi8-r}{E2}{0411}% CYRILLIC CAPITAL LETTER BE  
 3170 \SE@MapDeclare{koi8-r}{E3}{0426}% CYRILLIC CAPITAL LETTER TSE  
 3171 \SE@MapDeclare{koi8-r}{E4}{0414}% CYRILLIC CAPITAL LETTER DE  
 3172 \SE@MapDeclare{koi8-r}{E5}{0415}% CYRILLIC CAPITAL LETTER IE  
 3173 \SE@MapDeclare{koi8-r}{E6}{0424}% CYRILLIC CAPITAL LETTER EF  
 3174 \SE@MapDeclare{koi8-r}{E7}{0413}% CYRILLIC CAPITAL LETTER GHE  
 3175 \SE@MapDeclare{koi8-r}{E8}{0425}% CYRILLIC CAPITAL LETTER HA  
 3176 \SE@MapDeclare{koi8-r}{E9}{0418}% CYRILLIC CAPITAL LETTER I  
 3177 \SE@MapDeclare{koi8-r}{EA}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 3178 \SE@MapDeclare{koi8-r}{EB}{041A}% CYRILLIC CAPITAL LETTER KA  
 3179 \SE@MapDeclare{koi8-r}{EC}{041B}% CYRILLIC CAPITAL LETTER EL  
 3180 \SE@MapDeclare{koi8-r}{ED}{041C}% CYRILLIC CAPITAL LETTER EM  
 3181 \SE@MapDeclare{koi8-r}{EE}{041D}% CYRILLIC CAPITAL LETTER EN  
 3182 \SE@MapDeclare{koi8-r}{EF}{041E}% CYRILLIC CAPITAL LETTER O  
 3183 \SE@MapDeclare{koi8-r}{F0}{041F}% CYRILLIC CAPITAL LETTER PE  
 3184 \SE@MapDeclare{koi8-r}{F1}{042F}% CYRILLIC CAPITAL LETTER YA  
 3185 \SE@MapDeclare{koi8-r}{F2}{0420}% CYRILLIC CAPITAL LETTER ER  
 3186 \SE@MapDeclare{koi8-r}{F3}{0421}% CYRILLIC CAPITAL LETTER ES  
 3187 \SE@MapDeclare{koi8-r}{F4}{0422}% CYRILLIC CAPITAL LETTER TE  
 3188 \SE@MapDeclare{koi8-r}{F5}{0423}% CYRILLIC CAPITAL LETTER U  
 3189 \SE@MapDeclare{koi8-r}{F6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 3190 \SE@MapDeclare{koi8-r}{F7}{0412}% CYRILLIC CAPITAL LETTER VE  
 3191 \SE@MapDeclare{koi8-r}{F8}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 3192 \SE@MapDeclare{koi8-r}{F9}{042B}% CYRILLIC CAPITAL LETTER YERU  
 3193 \SE@MapDeclare{koi8-r}{FA}{0417}% CYRILLIC CAPITAL LETTER ZE  
 3194 \SE@MapDeclare{koi8-r}{FB}{0428}% CYRILLIC CAPITAL LETTER SHA  
 3195 \SE@MapDeclare{koi8-r}{FC}{042D}% CYRILLIC CAPITAL LETTER E  
 3196 \SE@MapDeclare{koi8-r}{FD}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 3197 \SE@MapDeclare{koi8-r}{FE}{0427}% CYRILLIC CAPITAL LETTER CHE  
 3198 \SE@MapDeclare{koi8-r}{FF}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 3199 \koi8-r

## nextstep

3200 (\*nextstep)  
 3201 \SE@MapDeclare{nextstep}{80}{00A0}% NO-BREAK SPACE  
 3202 \SE@MapDeclare{nextstep}{81}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3203 \SE@MapDeclare{nextstep}{82}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3204 \SE@MapDeclare{nextstep}{83}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3205 \SE@MapDeclare{nextstep}{84}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3206 \SE@MapDeclare{nextstep}{85}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3207 \SE@MapDeclare{nextstep}{86}{00C5}% LATIN CAPITAL LETTER A WITH RING  
 3208 \SE@MapDeclare{nextstep}{87}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3209 \SE@MapDeclare{nextstep}{88}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 3210 \SE@MapDeclare{nextstep}{89}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3211 \SE@MapDeclare{nextstep}{8A}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3212 \SE@MapDeclare{nextstep}{8B}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3213 \SE@MapDeclare{nextstep}{8C}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 3214 \SE@MapDeclare{nextstep}{8D}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3215 \SE@MapDeclare{nextstep}{8E}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3216 \SE@MapDeclare{nextstep}{8F}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 3217 \SE@MapDeclare{nextstep}{90}{00D0}% LATIN CAPITAL LETTER ETH  
 3218 \SE@MapDeclare{nextstep}{91}{00D1}% LATIN CAPITAL LETTER N WITH TILDE

3219 \SE@MapDeclare{nextstep}{92}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 3220 \SE@MapDeclare{nextstep}{93}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3221 \SE@MapDeclare{nextstep}{94}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3222 \SE@MapDeclare{nextstep}{95}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3223 \SE@MapDeclare{nextstep}{96}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3224 \SE@MapDeclare{nextstep}{97}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 3225 \SE@MapDeclare{nextstep}{98}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3226 \SE@MapDeclare{nextstep}{99}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3227 \SE@MapDeclare{nextstep}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3228 \SE@MapDeclare{nextstep}{9B}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 3229 \SE@MapDeclare{nextstep}{9C}{00DE}% LATIN CAPITAL LETTER THORN  
 3230 \SE@MapDeclare{nextstep}{9D}{00B5}% MICRO SIGN  
 3231 \SE@MapDeclare{nextstep}{9E}{00D7}% MULTIPLICATION SIGN  
 3232 \SE@MapDeclare{nextstep}{9F}{00F7}% DIVISION SIGN  
 3233 \SE@MapDeclare{nextstep}{A0}{00A9}% COPYRIGHT SIGN  
 3234 \SE@MapDeclare{nextstep}{A1}{00A1}% INVERTED EXCLAMATION MARK  
 3235 \SE@MapDeclare{nextstep}{A2}{00A2}% CENT SIGN  
 3236 \SE@MapDeclare{nextstep}{A3}{00A3}% POUND SIGN  
 3237 \SE@MapDeclare{nextstep}{A4}{2044}% FRACTION SLASH  
 3238 \SE@MapDeclare{nextstep}{A5}{00A5}% YEN SIGN  
 3239 \SE@MapDeclare{nextstep}{A6}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3240 \SE@MapDeclare{nextstep}{A7}{00A7}% SECTION SIGN  
 3241 \SE@MapDeclare{nextstep}{A8}{00A4}% CURRENCY SIGN  
 3242 \SE@MapDeclare{nextstep}{A9}{2019}% RIGHT SINGLE QUOTATION MARK  
 3243 \SE@MapDeclare{nextstep}{AA}{201C}% LEFT DOUBLE QUOTATION MARK  
 3244 \SE@MapDeclare{nextstep}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3245 \SE@MapDeclare{nextstep}{AC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3246 \SE@MapDeclare{nextstep}{AD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3247 \SE@MapDeclare{nextstep}{AE}{FB01}% LATIN SMALL LIGATURE FI  
 3248 \SE@MapDeclare{nextstep}{AF}{FB02}% LATIN SMALL LIGATURE FL  
 3249 \SE@MapDeclare{nextstep}{B0}{00AE}% REGISTERED SIGN  
 3250 \SE@MapDeclare{nextstep}{B1}{2013}% EN DASH  
 3251 \SE@MapDeclare{nextstep}{B2}{2020}% DAGGER  
 3252 \SE@MapDeclare{nextstep}{B3}{2021}% DOUBLE DAGGER  
 3253 \SE@MapDeclare{nextstep}{B4}{00B7}% MIDDLE DOT  
 3254 \SE@MapDeclare{nextstep}{B5}{00A6}% BROKEN BAR  
 3255 \SE@MapDeclare{nextstep}{B6}{00B6}% PILCROW SIGN  
 3256 \SE@MapDeclare{nextstep}{B7}{2022}% BULLET  
 3257 \SE@MapDeclare{nextstep}{B8}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3258 \SE@MapDeclare{nextstep}{B9}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3259 \SE@MapDeclare{nextstep}{BA}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3260 \SE@MapDeclare{nextstep}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3261 \SE@MapDeclare{nextstep}{BC}{2026}% HORIZONTAL ELLIPSIS  
 3262 \SE@MapDeclare{nextstep}{BD}{2030}% PER MILLE SIGN  
 3263 \SE@MapDeclare{nextstep}{BE}{00AC}% NOT SIGN  
 3264 \SE@MapDeclare{nextstep}{BF}{00BF}% INVERTED QUESTION MARK  
 3265 \SE@MapDeclare{nextstep}{C0}{00B9}% SUPERSCRIT ONE  
 3266 \SE@MapDeclare{nextstep}{C1}{02CB}% MODIFIER LETTER GRAVE ACCENT  
 3267 \SE@MapDeclare{nextstep}{C2}{00B4}% ACUTE ACCENT  
 3268 \SE@MapDeclare{nextstep}{C3}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT  
 3269 \SE@MapDeclare{nextstep}{C4}{02DC}% SMALL TILDE  
 3270 \SE@MapDeclare{nextstep}{C5}{00AF}% MACRON  
 3271 \SE@MapDeclare{nextstep}{C6}{02D8}% BREVE  
 3272 \SE@MapDeclare{nextstep}{C7}{02D9}% DOT ABOVE  
 3273 \SE@MapDeclare{nextstep}{C8}{00A8}% DIAERESIS  
 3274 \SE@MapDeclare{nextstep}{C9}{00B2}% SUPERSCRIT TWO  
 3275 \SE@MapDeclare{nextstep}{CA}{02DA}% RING ABOVE  
 3276 \SE@MapDeclare{nextstep}{CB}{00B8}% CEDILLA  
 3277 \SE@MapDeclare{nextstep}{CC}{00B3}% SUPERSCRIT THREE  
 3278 \SE@MapDeclare{nextstep}{CD}{02DD}% DOUBLE ACUTE ACCENT  
 3279 \SE@MapDeclare{nextstep}{CE}{02DB}% OGONEK  
 3280 \SE@MapDeclare{nextstep}{CF}{02C7}% CARON  
 3281 \SE@MapDeclare{nextstep}{D0}{2014}% EM DASH  
 3282 \SE@MapDeclare{nextstep}{D1}{00B1}% PLUS-MINUS SIGN  
 3283 \SE@MapDeclare{nextstep}{D2}{00BC}% VULGAR FRACTION ONE QUARTER  
 3284 \SE@MapDeclare{nextstep}{D3}{00BD}% VULGAR FRACTION ONE HALF  
 3285 \SE@MapDeclare{nextstep}{D4}{00BE}% VULGAR FRACTION THREE QUARTERS  
 3286 \SE@MapDeclare{nextstep}{D5}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3287 \SE@MapDeclare{nextstep}{D6}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3288 \SE@MapDeclare{nextstep}{D7}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3289 \SE@MapDeclare{nextstep}{D8}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3290 \SE@MapDeclare{nextstep}{D9}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3291 \SE@MapDeclare{nextstep}{DA}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3292 \SE@MapDeclare{nextstep}{DB}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3293 \SE@MapDeclare{nextstep}{DC}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3294 \SE@MapDeclare{nextstep}{DD}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3295 \SE@MapDeclare{nextstep}{DE}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3296 \SE@MapDeclare{nextstep}{DF}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3297 \SE@MapDeclare{nextstep}{E0}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3298 \SE@MapDeclare{nextstep}{E1}{00C6}% LATIN CAPITAL LETTER AE  
 3299 \SE@MapDeclare{nextstep}{E2}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3300 \SE@MapDeclare{nextstep}{E3}{00AA}% FEMININE ORDINAL INDICATOR  
 3301 \SE@MapDeclare{nextstep}{E4}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3302 \SE@MapDeclare{nextstep}{E5}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3303 \SE@MapDeclare{nextstep}{E6}{00F0}% LATIN SMALL LETTER ETH  
 3304 \SE@MapDeclare{nextstep}{E7}{00F1}% LATIN SMALL LETTER N WITH TILDE

3305 \SE@MapDeclare{nextstep}{E8}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 3306 \SE@MapDeclare{nextstep}{E9}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 3307 \SE@MapDeclare{nextstep}{EA}{0152}% LATIN CAPITAL LIGATURE OE  
 3308 \SE@MapDeclare{nextstep}{EB}{00BA}% MASCULINE ORDINAL INDICATOR  
 3309 \SE@MapDeclare{nextstep}{EC}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3310 \SE@MapDeclare{nextstep}{ED}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3311 \SE@MapDeclare{nextstep}{EE}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3312 \SE@MapDeclare{nextstep}{EF}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3313 \SE@MapDeclare{nextstep}{F0}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3314 \SE@MapDeclare{nextstep}{F1}{00E6}% LATIN SMALL LETTER AE  
 3315 \SE@MapDeclare{nextstep}{F2}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3316 \SE@MapDeclare{nextstep}{F3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3317 \SE@MapDeclare{nextstep}{F4}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3318 \SE@MapDeclare{nextstep}{F5}{0131}% LATIN SMALL LETTER DOTLESS I  
 3319 \SE@MapDeclare{nextstep}{F6}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3320 \SE@MapDeclare{nextstep}{F7}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 3321 \SE@MapDeclare{nextstep}{F8}{0142}% LATIN SMALL LETTER L WITH STROKE  
 3322 \SE@MapDeclare{nextstep}{F9}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3323 \SE@MapDeclare{nextstep}{FA}{0153}% LATIN SMALL LIGATURE OE  
 3324 \SE@MapDeclare{nextstep}{FB}{00DF}% LATIN SMALL LETTER SHARP S  
 3325 \SE@MapDeclare{nextstep}{FC}{00FE}% LATIN SMALL LETTER THORN  
 3326 \SE@MapDeclare{nextstep}{FD}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3327 \</nextstep>

## mac-centeuro

3328 (\*mac-centeuro)  
 3329 \SE@MapDeclare{mac-centeuro}{80}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3330 \SE@MapDeclare{mac-centeuro}{81}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
 3331 \SE@MapDeclare{mac-centeuro}{82}{0101}% LATIN SMALL LETTER A WITH MACRON  
 3332 \SE@MapDeclare{mac-centeuro}{83}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3333 \SE@MapDeclare{mac-centeuro}{84}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 3334 \SE@MapDeclare{mac-centeuro}{85}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3335 \SE@MapDeclare{mac-centeuro}{86}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3336 \SE@MapDeclare{mac-centeuro}{87}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3337 \SE@MapDeclare{mac-centeuro}{88}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 3338 \SE@MapDeclare{mac-centeuro}{89}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 3339 \SE@MapDeclare{mac-centeuro}{8A}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3340 \SE@MapDeclare{mac-centeuro}{8B}{010D}% LATIN SMALL LETTER C WITH CARON  
 3341 \SE@MapDeclare{mac-centeuro}{8C}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 3342 \SE@MapDeclare{mac-centeuro}{8D}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 3343 \SE@MapDeclare{mac-centeuro}{8E}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3344 \SE@MapDeclare{mac-centeuro}{8F}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 3345 \SE@MapDeclare{mac-centeuro}{90}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 3346 \SE@MapDeclare{mac-centeuro}{91}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 3347 \SE@MapDeclare{mac-centeuro}{92}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3348 \SE@MapDeclare{mac-centeuro}{93}{010F}% LATIN SMALL LETTER D WITH CARON  
 3349 \SE@MapDeclare{mac-centeuro}{94}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
 3350 \SE@MapDeclare{mac-centeuro}{95}{0113}% LATIN SMALL LETTER E WITH MACRON  
 3351 \SE@MapDeclare{mac-centeuro}{96}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
 3352 \SE@MapDeclare{mac-centeuro}{97}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3353 \SE@MapDeclare{mac-centeuro}{98}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE  
 3354 \SE@MapDeclare{mac-centeuro}{99}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3355 \SE@MapDeclare{mac-centeuro}{9A}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3356 \SE@MapDeclare{mac-centeuro}{9B}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3357 \SE@MapDeclare{mac-centeuro}{9C}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3358 \SE@MapDeclare{mac-centeuro}{9D}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 3359 \SE@MapDeclare{mac-centeuro}{9E}{011B}% LATIN SMALL LETTER E WITH CARON  
 3360 \SE@MapDeclare{mac-centeuro}{9F}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3361 \SE@MapDeclare{mac-centeuro}{A0}{2020}% DAGGER  
 3362 \SE@MapDeclare{mac-centeuro}{A1}{00B0}% DEGREE SIGN  
 3363 \SE@MapDeclare{mac-centeuro}{A2}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 3364 \SE@MapDeclare{mac-centeuro}{A3}{00A3}% POUND SIGN  
 3365 \SE@MapDeclare{mac-centeuro}{A4}{00A7}% SECTION SIGN  
 3366 \SE@MapDeclare{mac-centeuro}{A5}{2022}% BULLET  
 3367 \SE@MapDeclare{mac-centeuro}{A6}{00B6}% PILCROW SIGN  
 3368 \SE@MapDeclare{mac-centeuro}{A7}{00DF}% LATIN SMALL LETTER SHARP S  
 3369 \SE@MapDeclare{mac-centeuro}{A8}{00AE}% REGISTERED SIGN  
 3370 \SE@MapDeclare{mac-centeuro}{A9}{00A9}% COPYRIGHT SIGN  
 3371 \SE@MapDeclare{mac-centeuro}{AA}{2122}% TRADE MARK SIGN  
 3372 \SE@MapDeclare{mac-centeuro}{AB}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 3373 \SE@MapDeclare{mac-centeuro}{AC}{00A8}% DIAERESIS  
 3374 \SE@MapDeclare{mac-centeuro}{AD}{2260}% NOT EQUAL TO  
 3375 \SE@MapDeclare{mac-centeuro}{AE}{0123}% LATIN SMALL LETTER G WITH CEDILLA  
 3376 \SE@MapDeclare{mac-centeuro}{AF}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
 3377 \SE@MapDeclare{mac-centeuro}{B0}{012F}% LATIN SMALL LETTER I WITH OGONEK  
 3378 \SE@MapDeclare{mac-centeuro}{B1}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
 3379 \SE@MapDeclare{mac-centeuro}{B2}{2264}% LESS-THAN OR EQUAL TO  
 3380 \SE@MapDeclare{mac-centeuro}{B3}{2265}% GREATER-THAN OR EQUAL TO  
 3381 \SE@MapDeclare{mac-centeuro}{B4}{012B}% LATIN SMALL LETTER I WITH MACRON  
 3382 \SE@MapDeclare{mac-centeuro}{B5}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
 3383 \SE@MapDeclare{mac-centeuro}{B6}{2202}% PARTIAL DIFFERENTIAL  
 3384 \SE@MapDeclare{mac-centeuro}{B7}{2211}% N-ARY SUMMATION  
 3385 \SE@MapDeclare{mac-centeuro}{B8}{0142}% LATIN SMALL LETTER L WITH STROKE  
 3386 \SE@MapDeclare{mac-centeuro}{B9}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA

3387 \SE@MapDeclare{mac-centeuro}{BA}{013C}% LATIN SMALL LETTER L WITH CEDILLA  
 3388 \SE@MapDeclare{mac-centeuro}{BB}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 3389 \SE@MapDeclare{mac-centeuro}{BC}{013E}% LATIN SMALL LETTER L WITH CARON  
 3390 \SE@MapDeclare{mac-centeuro}{BD}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 3391 \SE@MapDeclare{mac-centeuro}{BE}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 3392 \SE@MapDeclare{mac-centeuro}{BF}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
 3393 \SE@MapDeclare{mac-centeuro}{C0}{0146}% LATIN SMALL LETTER N WITH CEDILLA  
 3394 \SE@MapDeclare{mac-centeuro}{C1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 3395 \SE@MapDeclare{mac-centeuro}{C2}{00AC}% NOT SIGN  
 3396 \SE@MapDeclare{mac-centeuro}{C3}{221A}% SQUARE ROOT  
 3397 \SE@MapDeclare{mac-centeuro}{C4}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 3398 \SE@MapDeclare{mac-centeuro}{C5}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 3399 \SE@MapDeclare{mac-centeuro}{C6}{2206}% INCREMENT  
 3400 \SE@MapDeclare{mac-centeuro}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3401 \SE@MapDeclare{mac-centeuro}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3402 \SE@MapDeclare{mac-centeuro}{C9}{2026}% HORIZONTAL ELLIPSIS  
 3403 \SE@MapDeclare{mac-centeuro}{CA}{00A0}% NO-BREAK SPACE  
 3404 \SE@MapDeclare{mac-centeuro}{CB}{0148}% LATIN SMALL LETTER N WITH CARON  
 3405 \SE@MapDeclare{mac-centeuro}{CC}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 3406 \SE@MapDeclare{mac-centeuro}{CD}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3407 \SE@MapDeclare{mac-centeuro}{CE}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 3408 \SE@MapDeclare{mac-centeuro}{CF}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
 3409 \SE@MapDeclare{mac-centeuro}{D0}{2013}% EN DASH  
 3410 \SE@MapDeclare{mac-centeuro}{D1}{2014}% EM DASH  
 3411 \SE@MapDeclare{mac-centeuro}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
 3412 \SE@MapDeclare{mac-centeuro}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3413 \SE@MapDeclare{mac-centeuro}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
 3414 \SE@MapDeclare{mac-centeuro}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
 3415 \SE@MapDeclare{mac-centeuro}{D6}{00F7}% DIVISION SIGN  
 3416 \SE@MapDeclare{mac-centeuro}{D7}{25CA}% LOZENGE  
 3417 \SE@MapDeclare{mac-centeuro}{D8}{014D}% LATIN SMALL LETTER O WITH MACRON  
 3418 \SE@MapDeclare{mac-centeuro}{D9}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 3419 \SE@MapDeclare{mac-centeuro}{DA}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 3420 \SE@MapDeclare{mac-centeuro}{DB}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 3421 \SE@MapDeclare{mac-centeuro}{DC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3422 \SE@MapDeclare{mac-centeuro}{DD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3423 \SE@MapDeclare{mac-centeuro}{DE}{0159}% LATIN SMALL LETTER R WITH CARON  
 3424 \SE@MapDeclare{mac-centeuro}{DF}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
 3425 \SE@MapDeclare{mac-centeuro}{E0}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
 3426 \SE@MapDeclare{mac-centeuro}{E1}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 3427 \SE@MapDeclare{mac-centeuro}{E2}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3428 \SE@MapDeclare{mac-centeuro}{E3}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3429 \SE@MapDeclare{mac-centeuro}{E4}{0161}% LATIN SMALL LETTER S WITH CARON  
 3430 \SE@MapDeclare{mac-centeuro}{E5}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 3431 \SE@MapDeclare{mac-centeuro}{E6}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 3432 \SE@MapDeclare{mac-centeuro}{E7}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3433 \SE@MapDeclare{mac-centeuro}{E8}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 3434 \SE@MapDeclare{mac-centeuro}{E9}{0165}% LATIN SMALL LETTER T WITH CARON  
 3435 \SE@MapDeclare{mac-centeuro}{EA}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3436 \SE@MapDeclare{mac-centeuro}{EB}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 3437 \SE@MapDeclare{mac-centeuro}{EC}{017E}% LATIN SMALL LETTER Z WITH CARON  
 3438 \SE@MapDeclare{mac-centeuro}{ED}{016A}% LATIN CAPITAL LETTER U WITH MACRON  
 3439 \SE@MapDeclare{mac-centeuro}{EE}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3440 \SE@MapDeclare{mac-centeuro}{EF}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3441 \SE@MapDeclare{mac-centeuro}{F0}{016B}% LATIN SMALL LETTER U WITH MACRON  
 3442 \SE@MapDeclare{mac-centeuro}{F1}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 3443 \SE@MapDeclare{mac-centeuro}{F2}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3444 \SE@MapDeclare{mac-centeuro}{F3}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 3445 \SE@MapDeclare{mac-centeuro}{F4}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 3446 \SE@MapDeclare{mac-centeuro}{F5}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 3447 \SE@MapDeclare{mac-centeuro}{F6}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
 3448 \SE@MapDeclare{mac-centeuro}{F7}{0173}% LATIN SMALL LETTER U WITH OGONEK  
 3449 \SE@MapDeclare{mac-centeuro}{F8}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 3450 \SE@MapDeclare{mac-centeuro}{F9}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 3451 \SE@MapDeclare{mac-centeuro}{FA}{0137}% LATIN SMALL LETTER K WITH CEDILLA  
 3452 \SE@MapDeclare{mac-centeuro}{FB}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 3453 \SE@MapDeclare{mac-centeuro}{FC}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 3454 \SE@MapDeclare{mac-centeuro}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 3455 \SE@MapDeclare{mac-centeuro}{FE}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
 3456 \SE@MapDeclare{mac-centeuro}{FF}{02C7}% CARON  
 3457 (/mac-centeuro)

## mac-cyrillic

3458 (\*mac-cyrillic)  
 3459 \SE@MapDeclare{mac-cyrillic}{80}{0410}% CYRILLIC CAPITAL LETTER A  
 3460 \SE@MapDeclare{mac-cyrillic}{81}{0411}% CYRILLIC CAPITAL LETTER BE  
 3461 \SE@MapDeclare{mac-cyrillic}{82}{0412}% CYRILLIC CAPITAL LETTER VE  
 3462 \SE@MapDeclare{mac-cyrillic}{83}{0413}% CYRILLIC CAPITAL LETTER GHE  
 3463 \SE@MapDeclare{mac-cyrillic}{84}{0414}% CYRILLIC CAPITAL LETTER DE  
 3464 \SE@MapDeclare{mac-cyrillic}{85}{0415}% CYRILLIC CAPITAL LETTER IE  
 3465 \SE@MapDeclare{mac-cyrillic}{86}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 3466 \SE@MapDeclare{mac-cyrillic}{87}{0417}% CYRILLIC CAPITAL LETTER ZE  
 3467 \SE@MapDeclare{mac-cyrillic}{88}{0418}% CYRILLIC CAPITAL LETTER I  
 3468 \SE@MapDeclare{mac-cyrillic}{89}{0419}% CYRILLIC CAPITAL LETTER SHORT I

3469 \SE@MapDeclare{mac-cyrillic}{8A}{041A}% CYRILLIC CAPITAL LETTER KA  
3470 \SE@MapDeclare{mac-cyrillic}{8B}{041B}% CYRILLIC CAPITAL LETTER EL  
3471 \SE@MapDeclare{mac-cyrillic}{8C}{041C}% CYRILLIC CAPITAL LETTER EM  
3472 \SE@MapDeclare{mac-cyrillic}{8D}{041D}% CYRILLIC CAPITAL LETTER EN  
3473 \SE@MapDeclare{mac-cyrillic}{8E}{041E}% CYRILLIC CAPITAL LETTER O  
3474 \SE@MapDeclare{mac-cyrillic}{8F}{041F}% CYRILLIC CAPITAL LETTER PE  
3475 \SE@MapDeclare{mac-cyrillic}{90}{0420}% CYRILLIC CAPITAL LETTER ER  
3476 \SE@MapDeclare{mac-cyrillic}{91}{0421}% CYRILLIC CAPITAL LETTER ES  
3477 \SE@MapDeclare{mac-cyrillic}{92}{0422}% CYRILLIC CAPITAL LETTER TE  
3478 \SE@MapDeclare{mac-cyrillic}{93}{0423}% CYRILLIC CAPITAL LETTER U  
3479 \SE@MapDeclare{mac-cyrillic}{94}{0424}% CYRILLIC CAPITAL LETTER EF  
3480 \SE@MapDeclare{mac-cyrillic}{95}{0425}% CYRILLIC CAPITAL LETTER HA  
3481 \SE@MapDeclare{mac-cyrillic}{96}{0426}% CYRILLIC CAPITAL LETTER TSE  
3482 \SE@MapDeclare{mac-cyrillic}{97}{0427}% CYRILLIC CAPITAL LETTER CHE  
3483 \SE@MapDeclare{mac-cyrillic}{98}{0428}% CYRILLIC CAPITAL LETTER SHA  
3484 \SE@MapDeclare{mac-cyrillic}{99}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
3485 \SE@MapDeclare{mac-cyrillic}{9A}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
3486 \SE@MapDeclare{mac-cyrillic}{9B}{042B}% CYRILLIC CAPITAL LETTER YERU  
3487 \SE@MapDeclare{mac-cyrillic}{9C}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
3488 \SE@MapDeclare{mac-cyrillic}{9D}{042D}% CYRILLIC CAPITAL LETTER E  
3489 \SE@MapDeclare{mac-cyrillic}{9E}{042E}% CYRILLIC CAPITAL LETTER YU  
3490 \SE@MapDeclare{mac-cyrillic}{9F}{042F}% CYRILLIC CAPITAL LETTER YA  
3491 \SE@MapDeclare{mac-cyrillic}{A0}{2020}% DAGGER  
3492 \SE@MapDeclare{mac-cyrillic}{A1}{00B0}% DEGREE SIGN  
3493 \SE@MapDeclare{mac-cyrillic}{A2}{0490}% CYRILLIC CAPITAL LETTER GHE WITH UPTURN  
3494 \SE@MapDeclare{mac-cyrillic}{A3}{00A3}% POUND SIGN  
3495 \SE@MapDeclare{mac-cyrillic}{A4}{00A7}% SECTION SIGN  
3496 \SE@MapDeclare{mac-cyrillic}{A5}{2022}% BULLET  
3497 \SE@MapDeclare{mac-cyrillic}{A6}{00B6}% PILCROW SIGN  
3498 \SE@MapDeclare{mac-cyrillic}{A7}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
3499 \SE@MapDeclare{mac-cyrillic}{A8}{00AE}% REGISTERED SIGN  
3500 \SE@MapDeclare{mac-cyrillic}{A9}{00A9}% COPYRIGHT SIGN  
3501 \SE@MapDeclare{mac-cyrillic}{AA}{2122}% TRADE MARK SIGN  
3502 \SE@MapDeclare{mac-cyrillic}{AB}{0402}% CYRILLIC CAPITAL LETTER DJE  
3503 \SE@MapDeclare{mac-cyrillic}{AC}{0452}% CYRILLIC SMALL LETTER DJE  
3504 \SE@MapDeclare{mac-cyrillic}{AD}{2260}% NOT EQUAL TO  
3505 \SE@MapDeclare{mac-cyrillic}{AE}{0403}% CYRILLIC CAPITAL LETTER GJE  
3506 \SE@MapDeclare{mac-cyrillic}{AF}{0453}% CYRILLIC SMALL LETTER GJE  
3507 \SE@MapDeclare{mac-cyrillic}{B0}{221E}% INFINITY  
3508 \SE@MapDeclare{mac-cyrillic}{B1}{00B1}% PLUS-MINUS SIGN  
3509 \SE@MapDeclare{mac-cyrillic}{B2}{2264}% LESS-THAN OR EQUAL TO  
3510 \SE@MapDeclare{mac-cyrillic}{B3}{2265}% GREATER-THAN OR EQUAL TO  
3511 \SE@MapDeclare{mac-cyrillic}{B4}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
3512 \SE@MapDeclare{mac-cyrillic}{B5}{00B5}% MICRO SIGN  
3513 \SE@MapDeclare{mac-cyrillic}{B6}{0491}% CYRILLIC SMALL LETTER GHE WITH UPTURN  
3514 \SE@MapDeclare{mac-cyrillic}{B7}{0408}% CYRILLIC CAPITAL LETTER JE  
3515 \SE@MapDeclare{mac-cyrillic}{B8}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
3516 \SE@MapDeclare{mac-cyrillic}{B9}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
3517 \SE@MapDeclare{mac-cyrillic}{BA}{0407}% CYRILLIC CAPITAL LETTER YI  
3518 \SE@MapDeclare{mac-cyrillic}{BB}{0457}% CYRILLIC SMALL LETTER YI  
3519 \SE@MapDeclare{mac-cyrillic}{BC}{0409}% CYRILLIC CAPITAL LETTER LJE  
3520 \SE@MapDeclare{mac-cyrillic}{BD}{0459}% CYRILLIC SMALL LETTER LJE  
3521 \SE@MapDeclare{mac-cyrillic}{BE}{040A}% CYRILLIC CAPITAL LETTER NJE  
3522 \SE@MapDeclare{mac-cyrillic}{BF}{045A}% CYRILLIC SMALL LETTER NJE  
3523 \SE@MapDeclare{mac-cyrillic}{C0}{0458}% CYRILLIC SMALL LETTER JE  
3524 \SE@MapDeclare{mac-cyrillic}{C1}{0405}% CYRILLIC CAPITAL LETTER DZE  
3525 \SE@MapDeclare{mac-cyrillic}{C2}{00AC}% NOT SIGN  
3526 \SE@MapDeclare{mac-cyrillic}{C3}{221A}% SQUARE ROOT  
3527 \SE@MapDeclare{mac-cyrillic}{C4}{0192}% LATIN SMALL LETTER F WITH HOOK  
3528 \SE@MapDeclare{mac-cyrillic}{C5}{2248}% ALMOST EQUAL TO  
3529 \SE@MapDeclare{mac-cyrillic}{C6}{2206}% INCREMENT  
3530 \SE@MapDeclare{mac-cyrillic}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
3531 \SE@MapDeclare{mac-cyrillic}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
3532 \SE@MapDeclare{mac-cyrillic}{C9}{2026}% HORIZONTAL ELLIPSIS  
3533 \SE@MapDeclare{mac-cyrillic}{CA}{00A0}% NO-BREAK SPACE  
3534 \SE@MapDeclare{mac-cyrillic}{CB}{040B}% CYRILLIC CAPITAL LETTER TSHE  
3535 \SE@MapDeclare{mac-cyrillic}{CC}{045B}% CYRILLIC SMALL LETTER TSHE  
3536 \SE@MapDeclare{mac-cyrillic}{CD}{040C}% CYRILLIC CAPITAL LETTER KJE  
3537 \SE@MapDeclare{mac-cyrillic}{CE}{045C}% CYRILLIC SMALL LETTER KJE  
3538 \SE@MapDeclare{mac-cyrillic}{CF}{0455}% CYRILLIC SMALL LETTER DZE  
3539 \SE@MapDeclare{mac-cyrillic}{D0}{2013}% EN DASH  
3540 \SE@MapDeclare{mac-cyrillic}{D1}{2014}% EM DASH  
3541 \SE@MapDeclare{mac-cyrillic}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
3542 \SE@MapDeclare{mac-cyrillic}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
3543 \SE@MapDeclare{mac-cyrillic}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
3544 \SE@MapDeclare{mac-cyrillic}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
3545 \SE@MapDeclare{mac-cyrillic}{D6}{00F7}% DIVISION SIGN  
3546 \SE@MapDeclare{mac-cyrillic}{D7}{201E}% DOUBLE LOW-9 QUOTATION MARK  
3547 \SE@MapDeclare{mac-cyrillic}{D8}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
3548 \SE@MapDeclare{mac-cyrillic}{D9}{045E}% CYRILLIC SMALL LETTER SHORT U  
3549 \SE@MapDeclare{mac-cyrillic}{DA}{040F}% CYRILLIC CAPITAL LETTER DZHE  
3550 \SE@MapDeclare{mac-cyrillic}{DB}{045F}% CYRILLIC SMALL LETTER DZHE  
3551 \SE@MapDeclare{mac-cyrillic}{DC}{2116}% NUMERO SIGN  
3552 \SE@MapDeclare{mac-cyrillic}{DD}{0401}% CYRILLIC CAPITAL LETTER IO  
3553 \SE@MapDeclare{mac-cyrillic}{DE}{0451}% CYRILLIC SMALL LETTER IO  
3554 \SE@MapDeclare{mac-cyrillic}{DF}{044F}% CYRILLIC SMALL LETTER YA



3555 \SE@MapDeclare{mac-cyrillic}{E0}{0430}% CYRILLIC SMALL LETTER A  
 3556 \SE@MapDeclare{mac-cyrillic}{E1}{0431}% CYRILLIC SMALL LETTER BE  
 3557 \SE@MapDeclare{mac-cyrillic}{E2}{0432}% CYRILLIC SMALL LETTER VE  
 3558 \SE@MapDeclare{mac-cyrillic}{E3}{0433}% CYRILLIC SMALL LETTER GHE  
 3559 \SE@MapDeclare{mac-cyrillic}{E4}{0434}% CYRILLIC SMALL LETTER DE  
 3560 \SE@MapDeclare{mac-cyrillic}{E5}{0435}% CYRILLIC SMALL LETTER IE  
 3561 \SE@MapDeclare{mac-cyrillic}{E6}{0436}% CYRILLIC SMALL LETTER ZHE  
 3562 \SE@MapDeclare{mac-cyrillic}{E7}{0437}% CYRILLIC SMALL LETTER ZE  
 3563 \SE@MapDeclare{mac-cyrillic}{E8}{0438}% CYRILLIC SMALL LETTER I  
 3564 \SE@MapDeclare{mac-cyrillic}{E9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 3565 \SE@MapDeclare{mac-cyrillic}{EA}{043A}% CYRILLIC SMALL LETTER KA  
 3566 \SE@MapDeclare{mac-cyrillic}{EB}{043B}% CYRILLIC SMALL LETTER EL  
 3567 \SE@MapDeclare{mac-cyrillic}{EC}{043C}% CYRILLIC SMALL LETTER EM  
 3568 \SE@MapDeclare{mac-cyrillic}{ED}{043D}% CYRILLIC SMALL LETTER EN  
 3569 \SE@MapDeclare{mac-cyrillic}{EE}{043E}% CYRILLIC SMALL LETTER O  
 3570 \SE@MapDeclare{mac-cyrillic}{EF}{043F}% CYRILLIC SMALL LETTER PE  
 3571 \SE@MapDeclare{mac-cyrillic}{F0}{0440}% CYRILLIC SMALL LETTER ER  
 3572 \SE@MapDeclare{mac-cyrillic}{F1}{0441}% CYRILLIC SMALL LETTER ES  
 3573 \SE@MapDeclare{mac-cyrillic}{F2}{0442}% CYRILLIC SMALL LETTER TE  
 3574 \SE@MapDeclare{mac-cyrillic}{F3}{0443}% CYRILLIC SMALL LETTER U  
 3575 \SE@MapDeclare{mac-cyrillic}{F4}{0444}% CYRILLIC SMALL LETTER EF  
 3576 \SE@MapDeclare{mac-cyrillic}{F5}{0445}% CYRILLIC SMALL LETTER HA  
 3577 \SE@MapDeclare{mac-cyrillic}{F6}{0446}% CYRILLIC SMALL LETTER TSE  
 3578 \SE@MapDeclare{mac-cyrillic}{F7}{0447}% CYRILLIC SMALL LETTER CHE  
 3579 \SE@MapDeclare{mac-cyrillic}{F8}{0448}% CYRILLIC SMALL LETTER SHA  
 3580 \SE@MapDeclare{mac-cyrillic}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 3581 \SE@MapDeclare{mac-cyrillic}{FA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 3582 \SE@MapDeclare{mac-cyrillic}{FB}{044B}% CYRILLIC SMALL LETTER YERU  
 3583 \SE@MapDeclare{mac-cyrillic}{FC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 3584 \SE@MapDeclare{mac-cyrillic}{FD}{044D}% CYRILLIC SMALL LETTER E  
 3585 \SE@MapDeclare{mac-cyrillic}{FE}{044E}% CYRILLIC SMALL LETTER YU  
 3586 \SE@MapDeclare{mac-cyrillic}{FF}{20AC}% EURO SIGN  
 3587 \(/mac-cyrillic)

## mac-roman

3588 (\*mac-roman)  
 3589 \SE@MapDeclare{mac-roman}{80}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 3590 \SE@MapDeclare{mac-roman}{81}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 3591 \SE@MapDeclare{mac-roman}{82}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 3592 \SE@MapDeclare{mac-roman}{83}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 3593 \SE@MapDeclare{mac-roman}{84}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3594 \SE@MapDeclare{mac-roman}{85}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 3595 \SE@MapDeclare{mac-roman}{86}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 3596 \SE@MapDeclare{mac-roman}{87}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 3597 \SE@MapDeclare{mac-roman}{88}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 3598 \SE@MapDeclare{mac-roman}{89}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 3599 \SE@MapDeclare{mac-roman}{8A}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 3600 \SE@MapDeclare{mac-roman}{8B}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 3601 \SE@MapDeclare{mac-roman}{8C}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 3602 \SE@MapDeclare{mac-roman}{8D}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 3603 \SE@MapDeclare{mac-roman}{8E}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 3604 \SE@MapDeclare{mac-roman}{8F}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 3605 \SE@MapDeclare{mac-roman}{90}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 3606 \SE@MapDeclare{mac-roman}{91}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 3607 \SE@MapDeclare{mac-roman}{92}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3608 \SE@MapDeclare{mac-roman}{93}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 3609 \SE@MapDeclare{mac-roman}{94}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 3610 \SE@MapDeclare{mac-roman}{95}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 3611 \SE@MapDeclare{mac-roman}{96}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3612 \SE@MapDeclare{mac-roman}{97}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3613 \SE@MapDeclare{mac-roman}{98}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 3614 \SE@MapDeclare{mac-roman}{99}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 3615 \SE@MapDeclare{mac-roman}{9A}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 3616 \SE@MapDeclare{mac-roman}{9B}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 3617 \SE@MapDeclare{mac-roman}{9C}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3618 \SE@MapDeclare{mac-roman}{9D}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 3619 \SE@MapDeclare{mac-roman}{9E}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 3620 \SE@MapDeclare{mac-roman}{9F}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 3621 \SE@MapDeclare{mac-roman}{A0}{2020}% DAGGER  
 3622 \SE@MapDeclare{mac-roman}{A1}{00B0}% DEGREE SIGN  
 3623 \SE@MapDeclare{mac-roman}{A2}{00A2}% CENT SIGN  
 3624 \SE@MapDeclare{mac-roman}{A3}{00A3}% POUND SIGN  
 3625 \SE@MapDeclare{mac-roman}{A4}{00A7}% SECTION SIGN  
 3626 \SE@MapDeclare{mac-roman}{A5}{2022}% BULLET  
 3627 \SE@MapDeclare{mac-roman}{A6}{00B6}% PILCROW SIGN  
 3628 \SE@MapDeclare{mac-roman}{A7}{00DF}% LATIN SMALL LETTER SHARP S  
 3629 \SE@MapDeclare{mac-roman}{A8}{00AE}% REGISTERED SIGN  
 3630 \SE@MapDeclare{mac-roman}{A9}{00A9}% COPYRIGHT SIGN  
 3631 \SE@MapDeclare{mac-roman}{AA}{2122}% TRADE MARK SIGN  
 3632 \SE@MapDeclare{mac-roman}{AB}{00B4}% ACUTE ACCENT  
 3633 \SE@MapDeclare{mac-roman}{AC}{00A8}% DIAERESIS  
 3634 \SE@MapDeclare{mac-roman}{AD}{2260}% NOT EQUAL TO  
 3635 \SE@MapDeclare{mac-roman}{AE}{00C6}% LATIN CAPITAL LETTER AE  
 3636 \SE@MapDeclare{mac-roman}{AF}{00D8}% LATIN CAPITAL LETTER O WITH STROKE

3637 \SE@MapDeclare{mac-roman}{B0}{221E}% INFINITY  
 3638 \SE@MapDeclare{mac-roman}{B1}{00B1}% PLUS-MINUS SIGN  
 3639 \SE@MapDeclare{mac-roman}{B2}{2264}% LESS-THAN OR EQUAL TO  
 3640 \SE@MapDeclare{mac-roman}{B3}{2265}% GREATER-THAN OR EQUAL TO  
 3641 \SE@MapDeclare{mac-roman}{B4}{00A5}% YEN SIGN  
 3642 \SE@MapDeclare{mac-roman}{B5}{00B5}% MICRO SIGN  
 3643 \SE@MapDeclare{mac-roman}{B6}{2202}% PARTIAL DIFFERENTIAL  
 3644 \SE@MapDeclare{mac-roman}{B7}{2211}% N-ARY SUMMATION  
 3645 \SE@MapDeclare{mac-roman}{B8}{220F}% N-ARY PRODUCT  
 3646 \SE@MapDeclare{mac-roman}{B9}{03C0}% GREEK SMALL LETTER PI  
 3647 \SE@MapDeclare{mac-roman}{BA}{222B}% INTEGRAL  
 3648 \SE@MapDeclare{mac-roman}{BB}{00AA}% FEMININE ORDINAL INDICATOR  
 3649 \SE@MapDeclare{mac-roman}{BC}{00BA}% MASCULINE ORDINAL INDICATOR  
 3650 \SE@MapDeclare{mac-roman}{BD}{03A9}% GREEK CAPITAL LETTER OMEGA  
 3651 \SE@MapDeclare{mac-roman}{BE}{00E6}% LATIN SMALL LETTER AE  
 3652 \SE@MapDeclare{mac-roman}{BF}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 3653 \SE@MapDeclare{mac-roman}{C0}{00BF}% INVERTED QUESTION MARK  
 3654 \SE@MapDeclare{mac-roman}{C1}{00A1}% INVERTED EXCLAMATION MARK  
 3655 \SE@MapDeclare{mac-roman}{C2}{00AC}% NOT SIGN  
 3656 \SE@MapDeclare{mac-roman}{C3}{221A}% SQUARE ROOT  
 3657 \SE@MapDeclare{mac-roman}{C4}{0192}% LATIN SMALL LETTER F WITH HOOK  
 3658 \SE@MapDeclare{mac-roman}{C5}{2248}% ALMOST EQUAL TO  
 3659 \SE@MapDeclare{mac-roman}{C6}{2206}% INCREMENT  
 3660 \SE@MapDeclare{mac-roman}{C7}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3661 \SE@MapDeclare{mac-roman}{C8}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3662 \SE@MapDeclare{mac-roman}{C9}{2026}% HORIZONTAL ELLIPSIS  
 3663 \SE@MapDeclare{mac-roman}{CA}{00A0}% NO-BREAK SPACE  
 3664 \SE@MapDeclare{mac-roman}{CB}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3665 \SE@MapDeclare{mac-roman}{CC}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 3666 \SE@MapDeclare{mac-roman}{CD}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 3667 \SE@MapDeclare{mac-roman}{CE}{0152}% LATIN CAPITAL LIGATURE OE  
 3668 \SE@MapDeclare{mac-roman}{CF}{0153}% LATIN SMALL LIGATURE OE  
 3669 \SE@MapDeclare{mac-roman}{D0}{2013}% EN DASH  
 3670 \SE@MapDeclare{mac-roman}{D1}{2014}% EM DASH  
 3671 \SE@MapDeclare{mac-roman}{D2}{201C}% LEFT DOUBLE QUOTATION MARK  
 3672 \SE@MapDeclare{mac-roman}{D3}{201D}% RIGHT DOUBLE QUOTATION MARK  
 3673 \SE@MapDeclare{mac-roman}{D4}{2018}% LEFT SINGLE QUOTATION MARK  
 3674 \SE@MapDeclare{mac-roman}{D5}{2019}% RIGHT SINGLE QUOTATION MARK  
 3675 \SE@MapDeclare{mac-roman}{D6}{00F7}% DIVISION SIGN  
 3676 \SE@MapDeclare{mac-roman}{D7}{25CA}% LOZENGE  
 3677 \SE@MapDeclare{mac-roman}{D8}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 3678 \SE@MapDeclare{mac-roman}{D9}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
 3679 \SE@MapDeclare{mac-roman}{DA}{2044}% FRACTION SLASH  
 3680 \SE@MapDeclare{mac-roman}{DB}{20AC}% EURO SIGN  
 3681 \SE@MapDeclare{mac-roman}{DC}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 3682 \SE@MapDeclare{mac-roman}{DD}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 3683 \SE@MapDeclare{mac-roman}{DE}{FB01}% LATIN SMALL LIGATURE FI  
 3684 \SE@MapDeclare{mac-roman}{DF}{FB02}% LATIN SMALL LIGATURE FL  
 3685 \SE@MapDeclare{mac-roman}{E0}{2021}% DOUBLE DAGGER  
 3686 \SE@MapDeclare{mac-roman}{E1}{00B7}% MIDDLE DOT  
 3687 \SE@MapDeclare{mac-roman}{E2}{201A}% SINGLE LOW-9 QUOTATION MARK  
 3688 \SE@MapDeclare{mac-roman}{E3}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 3689 \SE@MapDeclare{mac-roman}{E4}{2030}% PER MILLE SIGN  
 3690 \SE@MapDeclare{mac-roman}{E5}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3691 \SE@MapDeclare{mac-roman}{E6}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 3692 \SE@MapDeclare{mac-roman}{E7}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3693 \SE@MapDeclare{mac-roman}{E8}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 3694 \SE@MapDeclare{mac-roman}{E9}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 3695 \SE@MapDeclare{mac-roman}{EA}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 3696 \SE@MapDeclare{mac-roman}{EB}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 3697 \SE@MapDeclare{mac-roman}{EC}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 3698 \SE@MapDeclare{mac-roman}{ED}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 3699 \SE@MapDeclare{mac-roman}{EE}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 3700 \SE@MapDeclare{mac-roman}{EF}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 3701 \SE@MapDeclare{mac-roman}{F0}{F8FF}% Apple logo  
 3702 \SE@MapDeclare{mac-roman}{F1}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 3703 \SE@MapDeclare{mac-roman}{F2}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 3704 \SE@MapDeclare{mac-roman}{F3}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 3705 \SE@MapDeclare{mac-roman}{F4}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 3706 \SE@MapDeclare{mac-roman}{F5}{0131}% LATIN SMALL LETTER DOTLESS I  
 3707 \SE@MapDeclare{mac-roman}{F6}{02C6}% MODIFIER LETTER CIRCUMFLEX ACCENT  
 3708 \SE@MapDeclare{mac-roman}{F7}{02DC}% SMALL TILDE  
 3709 \SE@MapDeclare{mac-roman}{F8}{00AF}% MACRON  
 3710 \SE@MapDeclare{mac-roman}{F9}{02D8}% BREVE  
 3711 \SE@MapDeclare{mac-roman}{FA}{02D9}% DOT ABOVE  
 3712 \SE@MapDeclare{mac-roman}{FB}{02DA}% RING ABOVE  
 3713 \SE@MapDeclare{mac-roman}{FC}{00B8}% CEDILLA  
 3714 \SE@MapDeclare{mac-roman}{FD}{02DD}% DOUBLE ACUTE ACCENT  
 3715 \SE@MapDeclare{mac-roman}{FE}{02DB}% OGONEK  
 3716 \SE@MapDeclare{mac-roman}{FF}{02C7}% CARON  
 3717 \SE@MapDeclare{mac-roman}{}

## dec-mcs

3718 \dec-mcs

3719 \SE@MapDeclare{dec-mcs}{A1}{00A1}% INVERTED EXCLAMATION MARK  
3720 \SE@MapDeclare{dec-mcs}{A2}{00A2}% CENT SIGN  
3721 \SE@MapDeclare{dec-mcs}{A3}{00A3}% POUND SIGN  
3722 \SE@MapDeclare{dec-mcs}{A5}{00A5}% YEN SIGN  
3723 \SE@MapDeclare{dec-mcs}{A7}{00A7}% SECTION SIGN  
3724 \SE@MapDeclare{dec-mcs}{A8}{00A4}% CURRENCY SIGN  
3725 \SE@MapDeclare{dec-mcs}{A9}{00A9}% COPYRIGHT SIGN  
3726 \SE@MapDeclare{dec-mcs}{AA}{00AA}% FEMININE ORDINAL INDICATOR  
3727 \SE@MapDeclare{dec-mcs}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
3728 \SE@MapDeclare{dec-mcs}{B0}{00B0}% DEGREE SIGN  
3729 \SE@MapDeclare{dec-mcs}{B1}{00B1}% PLUS-MINUS SIGN  
3730 \SE@MapDeclare{dec-mcs}{B2}{00B2}% SUPERSCRIT TWO  
3731 \SE@MapDeclare{dec-mcs}{B3}{00B3}% SUPERSCRIT THREE  
3732 \SE@MapDeclare{dec-mcs}{B5}{00B5}% MICRO SIGN  
3733 \SE@MapDeclare{dec-mcs}{B6}{00B6}% PILCROW SIGN  
3734 \SE@MapDeclare{dec-mcs}{B7}{00B7}% MIDDLE DOT  
3735 \SE@MapDeclare{dec-mcs}{B9}{00B9}% SUPERSCRIT ONE  
3736 \SE@MapDeclare{dec-mcs}{BA}{00BA}% MASCULINE ORDINAL INDICATOR  
3737 \SE@MapDeclare{dec-mcs}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
3738 \SE@MapDeclare{dec-mcs}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
3739 \SE@MapDeclare{dec-mcs}{BD}{00BD}% VULGAR FRACTION ONE HALF  
3740 \SE@MapDeclare{dec-mcs}{BF}{00BF}% INVERTED QUESTION MARK  
3741 \SE@MapDeclare{dec-mcs}{C0}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
3742 \SE@MapDeclare{dec-mcs}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
3743 \SE@MapDeclare{dec-mcs}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
3744 \SE@MapDeclare{dec-mcs}{C3}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
3745 \SE@MapDeclare{dec-mcs}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
3746 \SE@MapDeclare{dec-mcs}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
3747 \SE@MapDeclare{dec-mcs}{C6}{00C6}% LATIN CAPITAL LETTER AE  
3748 \SE@MapDeclare{dec-mcs}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
3749 \SE@MapDeclare{dec-mcs}{C8}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
3750 \SE@MapDeclare{dec-mcs}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
3751 \SE@MapDeclare{dec-mcs}{CA}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
3752 \SE@MapDeclare{dec-mcs}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
3753 \SE@MapDeclare{dec-mcs}{CC}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
3754 \SE@MapDeclare{dec-mcs}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
3755 \SE@MapDeclare{dec-mcs}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
3756 \SE@MapDeclare{dec-mcs}{CF}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
3757 \SE@MapDeclare{dec-mcs}{D1}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
3758 \SE@MapDeclare{dec-mcs}{D2}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
3759 \SE@MapDeclare{dec-mcs}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
3760 \SE@MapDeclare{dec-mcs}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
3761 \SE@MapDeclare{dec-mcs}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
3762 \SE@MapDeclare{dec-mcs}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
3763 \SE@MapDeclare{dec-mcs}{D7}{0152}% LATIN CAPITAL LIGATURE OE  
3764 \SE@MapDeclare{dec-mcs}{D8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
3765 \SE@MapDeclare{dec-mcs}{D9}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
3766 \SE@MapDeclare{dec-mcs}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
3767 \SE@MapDeclare{dec-mcs}{DB}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
3768 \SE@MapDeclare{dec-mcs}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
3769 \SE@MapDeclare{dec-mcs}{DD}{0178}% LATIN CAPITAL LETTER Y WITH DIAERESIS  
3770 \SE@MapDeclare{dec-mcs}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
3771 \SE@MapDeclare{dec-mcs}{E0}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
3772 \SE@MapDeclare{dec-mcs}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
3773 \SE@MapDeclare{dec-mcs}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
3774 \SE@MapDeclare{dec-mcs}{E3}{00E3}% LATIN SMALL LETTER A WITH TILDE  
3775 \SE@MapDeclare{dec-mcs}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
3776 \SE@MapDeclare{dec-mcs}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
3777 \SE@MapDeclare{dec-mcs}{E6}{00E6}% LATIN SMALL LETTER AE  
3778 \SE@MapDeclare{dec-mcs}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
3779 \SE@MapDeclare{dec-mcs}{E8}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
3780 \SE@MapDeclare{dec-mcs}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
3781 \SE@MapDeclare{dec-mcs}{EA}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
3782 \SE@MapDeclare{dec-mcs}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
3783 \SE@MapDeclare{dec-mcs}{EC}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
3784 \SE@MapDeclare{dec-mcs}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
3785 \SE@MapDeclare{dec-mcs}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
3786 \SE@MapDeclare{dec-mcs}{EF}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
3787 \SE@MapDeclare{dec-mcs}{F1}{00F1}% LATIN SMALL LETTER N WITH TILDE  
3788 \SE@MapDeclare{dec-mcs}{F2}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
3789 \SE@MapDeclare{dec-mcs}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
3790 \SE@MapDeclare{dec-mcs}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
3791 \SE@MapDeclare{dec-mcs}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE  
3792 \SE@MapDeclare{dec-mcs}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
3793 \SE@MapDeclare{dec-mcs}{F7}{0153}% LATIN SMALL LIGATURE OE  
3794 \SE@MapDeclare{dec-mcs}{F8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
3795 \SE@MapDeclare{dec-mcs}{F9}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
3796 \SE@MapDeclare{dec-mcs}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
3797 \SE@MapDeclare{dec-mcs}{FB}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
3798 \SE@MapDeclare{dec-mcs}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
3799 \SE@MapDeclare{dec-mcs}{FD}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
3800 \</dec-mcs>

3801 (\*cp437)

3802 \SE@MapDeclare{cp437}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA

3803 \SE@MapDeclare{cp437}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS

3804 \SE@MapDeclare{cp437}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE

3805 \SE@MapDeclare{cp437}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX

3806 \SE@MapDeclare{cp437}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS

3807 \SE@MapDeclare{cp437}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE

3808 \SE@MapDeclare{cp437}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE

3809 \SE@MapDeclare{cp437}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA

3810 \SE@MapDeclare{cp437}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX

3811 \SE@MapDeclare{cp437}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS

3812 \SE@MapDeclare{cp437}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE

3813 \SE@MapDeclare{cp437}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS

3814 \SE@MapDeclare{cp437}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX

3815 \SE@MapDeclare{cp437}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE

3816 \SE@MapDeclare{cp437}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS

3817 \SE@MapDeclare{cp437}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE

3818 \SE@MapDeclare{cp437}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE

3819 \SE@MapDeclare{cp437}{91}{00E6}% LATIN SMALL LIGATURE AE

3820 \SE@MapDeclare{cp437}{92}{00C6}% LATIN CAPITAL LIGATURE AE

3821 \SE@MapDeclare{cp437}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX

3822 \SE@MapDeclare{cp437}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS

3823 \SE@MapDeclare{cp437}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE

3824 \SE@MapDeclare{cp437}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX

3825 \SE@MapDeclare{cp437}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE

3826 \SE@MapDeclare{cp437}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS

3827 \SE@MapDeclare{cp437}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS

3828 \SE@MapDeclare{cp437}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS

3829 \SE@MapDeclare{cp437}{9B}{00A2}% CENT SIGN

3830 \SE@MapDeclare{cp437}{9C}{00A3}% POUND SIGN

3831 \SE@MapDeclare{cp437}{9D}{00A5}% YEN SIGN

3832 \SE@MapDeclare{cp437}{9E}{20A7}% PESETA SIGN

3833 \SE@MapDeclare{cp437}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK

3834 \SE@MapDeclare{cp437}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE

3835 \SE@MapDeclare{cp437}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE

3836 \SE@MapDeclare{cp437}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE

3837 \SE@MapDeclare{cp437}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE

3838 \SE@MapDeclare{cp437}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE

3839 \SE@MapDeclare{cp437}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE

3840 \SE@MapDeclare{cp437}{A6}{00AA}% FEMININE ORDINAL INDICATOR

3841 \SE@MapDeclare{cp437}{A7}{00BA}% MASCULINE ORDINAL INDICATOR

3842 \SE@MapDeclare{cp437}{A8}{00BF}% INVERTED QUESTION MARK

3843 \SE@MapDeclare{cp437}{A9}{2310}% REVERSED NOT SIGN

3844 \SE@MapDeclare{cp437}{AA}{00AC}% NOT SIGN

3845 \SE@MapDeclare{cp437}{AB}{00BD}% VULGAR FRACTION ONE HALF

3846 \SE@MapDeclare{cp437}{AC}{00BC}% VULGAR FRACTION ONE QUARTER

3847 \SE@MapDeclare{cp437}{AD}{00A1}% INVERTED EXCLAMATION MARK

3848 \SE@MapDeclare{cp437}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK

3849 \SE@MapDeclare{cp437}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK

3850 \SE@MapDeclare{cp437}{B0}{2591}% LIGHT SHADE

3851 \SE@MapDeclare{cp437}{B1}{2592}% MEDIUM SHADE

3852 \SE@MapDeclare{cp437}{B2}{2593}% DARK SHADE

3853 \SE@MapDeclare{cp437}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL

3854 \SE@MapDeclare{cp437}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT

3855 \SE@MapDeclare{cp437}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE

3856 \SE@MapDeclare{cp437}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE

3857 \SE@MapDeclare{cp437}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE

3858 \SE@MapDeclare{cp437}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE

3859 \SE@MapDeclare{cp437}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT

3860 \SE@MapDeclare{cp437}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL

3861 \SE@MapDeclare{cp437}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT

3862 \SE@MapDeclare{cp437}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT

3863 \SE@MapDeclare{cp437}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE

3864 \SE@MapDeclare{cp437}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE

3865 \SE@MapDeclare{cp437}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT

3866 \SE@MapDeclare{cp437}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT

3867 \SE@MapDeclare{cp437}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL

3868 \SE@MapDeclare{cp437}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL

3869 \SE@MapDeclare{cp437}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT

3870 \SE@MapDeclare{cp437}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL

3871 \SE@MapDeclare{cp437}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL

3872 \SE@MapDeclare{cp437}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE

3873 \SE@MapDeclare{cp437}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE

3874 \SE@MapDeclare{cp437}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT

3875 \SE@MapDeclare{cp437}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT

3876 \SE@MapDeclare{cp437}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL

3877 \SE@MapDeclare{cp437}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL

3878 \SE@MapDeclare{cp437}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT

3879 \SE@MapDeclare{cp437}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL

3880 \SE@MapDeclare{cp437}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL

3881 \SE@MapDeclare{cp437}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE

3882 \SE@MapDeclare{cp437}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE

3883 \SE@MapDeclare{cp437}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE

3884 \SE@MapDeclare{cp437}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE

3885 \SE@MapDeclare{cp437}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
3886 \SE@MapDeclare{cp437}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
3887 \SE@MapDeclare{cp437}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
3888 \SE@MapDeclare{cp437}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
3889 \SE@MapDeclare{cp437}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
3890 \SE@MapDeclare{cp437}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
3891 \SE@MapDeclare{cp437}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
3892 \SE@MapDeclare{cp437}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
3893 \SE@MapDeclare{cp437}{DB}{2588}% FULL BLOCK  
3894 \SE@MapDeclare{cp437}{DC}{2584}% LOWER HALF BLOCK  
3895 \SE@MapDeclare{cp437}{DD}{258C}% LEFT HALF BLOCK  
3896 \SE@MapDeclare{cp437}{DE}{2590}% RIGHT HALF BLOCK  
3897 \SE@MapDeclare{cp437}{DF}{2580}% UPPER HALF BLOCK  
3898 \SE@MapDeclare{cp437}{E0}{03B1}% GREEK SMALL LETTER ALPHA  
3899 \SE@MapDeclare{cp437}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
3900 \SE@MapDeclare{cp437}{E2}{0393}% GREEK CAPITAL LETTER GAMMA  
3901 \SE@MapDeclare{cp437}{E3}{03C0}% GREEK SMALL LETTER PI  
3902 \SE@MapDeclare{cp437}{E4}{03A3}% GREEK CAPITAL LETTER SIGMA  
3903 \SE@MapDeclare{cp437}{E5}{03C3}% GREEK SMALL LETTER SIGMA  
3904 \SE@MapDeclare{cp437}{E6}{00B5}% MICRO SIGN  
3905 \SE@MapDeclare{cp437}{E7}{03C4}% GREEK SMALL LETTER TAU  
3906 \SE@MapDeclare{cp437}{E8}{03A6}% GREEK CAPITAL LETTER PHI  
3907 \SE@MapDeclare{cp437}{E9}{0398}% GREEK CAPITAL LETTER THETA  
3908 \SE@MapDeclare{cp437}{EA}{03A9}% GREEK CAPITAL LETTER OMEGA  
3909 \SE@MapDeclare{cp437}{EB}{03B4}% GREEK SMALL LETTER DELTA  
3910 \SE@MapDeclare{cp437}{EC}{221E}% INFINITY  
3911 \SE@MapDeclare{cp437}{ED}{03C6}% GREEK SMALL LETTER PHI  
3912 \SE@MapDeclare{cp437}{EE}{03B5}% GREEK SMALL LETTER EPSILON  
3913 \SE@MapDeclare{cp437}{EF}{2229}% INTERSECTION  
3914 \SE@MapDeclare{cp437}{F0}{2261}% IDENTICAL TO  
3915 \SE@MapDeclare{cp437}{F1}{00B1}% PLUS-MINUS SIGN  
3916 \SE@MapDeclare{cp437}{F2}{2265}% GREATER-THAN OR EQUAL TO  
3917 \SE@MapDeclare{cp437}{F3}{2264}% LESS-THAN OR EQUAL TO  
3918 \SE@MapDeclare{cp437}{F4}{2320}% TOP HALF INTEGRAL  
3919 \SE@MapDeclare{cp437}{F5}{2321}% BOTTOM HALF INTEGRAL  
3920 \SE@MapDeclare{cp437}{F6}{00F7}% DIVISION SIGN  
3921 \SE@MapDeclare{cp437}{F7}{2248}% ALMOST EQUAL TO  
3922 \SE@MapDeclare{cp437}{F8}{00B0}% DEGREE SIGN  
3923 \SE@MapDeclare{cp437}{F9}{2219}% BULLET OPERATOR  
3924 \SE@MapDeclare{cp437}{FA}{00B7}% MIDDLE DOT  
3925 \SE@MapDeclare{cp437}{FB}{221A}% SQUARE ROOT  
3926 \SE@MapDeclare{cp437}{FC}{207F}% SUPERScript LATIN SMALL LETTER N  
3927 \SE@MapDeclare{cp437}{FD}{00B2}% SUPERScript TWO  
3928 \SE@MapDeclare{cp437}{FE}{25A0}% BLACK SQUARE  
3929 \SE@MapDeclare{cp437}{FF}{00A0}% NO-BREAK SPACE  
3930 (/cp437)

## cp850

3931 (\*cp850)  
3932 \SE@MapDeclare{cp850}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
3933 \SE@MapDeclare{cp850}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
3934 \SE@MapDeclare{cp850}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
3935 \SE@MapDeclare{cp850}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
3936 \SE@MapDeclare{cp850}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
3937 \SE@MapDeclare{cp850}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
3938 \SE@MapDeclare{cp850}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
3939 \SE@MapDeclare{cp850}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
3940 \SE@MapDeclare{cp850}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
3941 \SE@MapDeclare{cp850}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
3942 \SE@MapDeclare{cp850}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
3943 \SE@MapDeclare{cp850}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
3944 \SE@MapDeclare{cp850}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
3945 \SE@MapDeclare{cp850}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
3946 \SE@MapDeclare{cp850}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
3947 \SE@MapDeclare{cp850}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
3948 \SE@MapDeclare{cp850}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
3949 \SE@MapDeclare{cp850}{91}{00E6}% LATIN SMALL LIGATURE AE  
3950 \SE@MapDeclare{cp850}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
3951 \SE@MapDeclare{cp850}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
3952 \SE@MapDeclare{cp850}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
3953 \SE@MapDeclare{cp850}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
3954 \SE@MapDeclare{cp850}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
3955 \SE@MapDeclare{cp850}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
3956 \SE@MapDeclare{cp850}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
3957 \SE@MapDeclare{cp850}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
3958 \SE@MapDeclare{cp850}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
3959 \SE@MapDeclare{cp850}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
3960 \SE@MapDeclare{cp850}{9C}{00A3}% POUND SIGN  
3961 \SE@MapDeclare{cp850}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
3962 \SE@MapDeclare{cp850}{9E}{00D7}% MULTIPLICATION SIGN  
3963 \SE@MapDeclare{cp850}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
3964 \SE@MapDeclare{cp850}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE

3965 \SE@MapDeclare{cp850}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 3966 \SE@MapDeclare{cp850}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 3967 \SE@MapDeclare{cp850}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 3968 \SE@MapDeclare{cp850}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 3969 \SE@MapDeclare{cp850}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 3970 \SE@MapDeclare{cp850}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 3971 \SE@MapDeclare{cp850}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 3972 \SE@MapDeclare{cp850}{A8}{00BF}% INVERTED QUESTION MARK  
 3973 \SE@MapDeclare{cp850}{A9}{00AE}% REGISTERED SIGN  
 3974 \SE@MapDeclare{cp850}{AA}{00AC}% NOT SIGN  
 3975 \SE@MapDeclare{cp850}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 3976 \SE@MapDeclare{cp850}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 3977 \SE@MapDeclare{cp850}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 3978 \SE@MapDeclare{cp850}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3979 \SE@MapDeclare{cp850}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 3980 \SE@MapDeclare{cp850}{B0}{2591}% LIGHT SHADE  
 3981 \SE@MapDeclare{cp850}{B1}{2592}% MEDIUM SHADE  
 3982 \SE@MapDeclare{cp850}{B2}{2593}% DARK SHADE  
 3983 \SE@MapDeclare{cp850}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 3984 \SE@MapDeclare{cp850}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 3985 \SE@MapDeclare{cp850}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 3986 \SE@MapDeclare{cp850}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 3987 \SE@MapDeclare{cp850}{B7}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 3988 \SE@MapDeclare{cp850}{B8}{00A9}% COPYRIGHT SIGN  
 3989 \SE@MapDeclare{cp850}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 3990 \SE@MapDeclare{cp850}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 3991 \SE@MapDeclare{cp850}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 3992 \SE@MapDeclare{cp850}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 3993 \SE@MapDeclare{cp850}{BD}{00A2}% CENT SIGN  
 3994 \SE@MapDeclare{cp850}{BE}{00A5}% YEN SIGN  
 3995 \SE@MapDeclare{cp850}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 3996 \SE@MapDeclare{cp850}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 3997 \SE@MapDeclare{cp850}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 3998 \SE@MapDeclare{cp850}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 3999 \SE@MapDeclare{cp850}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4000 \SE@MapDeclare{cp850}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4001 \SE@MapDeclare{cp850}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4002 \SE@MapDeclare{cp850}{C6}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 4003 \SE@MapDeclare{cp850}{C7}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 4004 \SE@MapDeclare{cp850}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4005 \SE@MapDeclare{cp850}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4006 \SE@MapDeclare{cp850}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4007 \SE@MapDeclare{cp850}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4008 \SE@MapDeclare{cp850}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4009 \SE@MapDeclare{cp850}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4010 \SE@MapDeclare{cp850}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4011 \SE@MapDeclare{cp850}{CF}{00A4}% CURRENCY SIGN  
 4012 \SE@MapDeclare{cp850}{D0}{00F0}% LATIN SMALL LETTER ETH  
 4013 \SE@MapDeclare{cp850}{D1}{00D0}% LATIN CAPITAL LETTER ETH  
 4014 \SE@MapDeclare{cp850}{D2}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 4015 \SE@MapDeclare{cp850}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4016 \SE@MapDeclare{cp850}{D4}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 4017 \SE@MapDeclare{cp850}{D5}{0131}% LATIN SMALL LETTER DOTLESS I  
 4018 \SE@MapDeclare{cp850}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4019 \SE@MapDeclare{cp850}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4020 \SE@MapDeclare{cp850}{D8}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 4021 \SE@MapDeclare{cp850}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4022 \SE@MapDeclare{cp850}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4023 \SE@MapDeclare{cp850}{DB}{2588}% FULL BLOCK  
 4024 \SE@MapDeclare{cp850}{DC}{2584}% LOWER HALF BLOCK  
 4025 \SE@MapDeclare{cp850}{DD}{00A6}% BROKEN BAR  
 4026 \SE@MapDeclare{cp850}{DE}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 4027 \SE@MapDeclare{cp850}{DF}{2580}% UPPER HALF BLOCK  
 4028 \SE@MapDeclare{cp850}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4029 \SE@MapDeclare{cp850}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4030 \SE@MapDeclare{cp850}{E2}{00D4}% LATIN CAPITAL LETTER O WITH GRAVE  
 4031 \SE@MapDeclare{cp850}{E3}{00D2}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4032 \SE@MapDeclare{cp850}{E4}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 4033 \SE@MapDeclare{cp850}{E5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 4034 \SE@MapDeclare{cp850}{E6}{00B5}% MICRO SIGN  
 4035 \SE@MapDeclare{cp850}{E7}{00FE}% LATIN SMALL LETTER THORN  
 4036 \SE@MapDeclare{cp850}{E8}{00DE}% LATIN CAPITAL LETTER THORN  
 4037 \SE@MapDeclare{cp850}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4038 \SE@MapDeclare{cp850}{EA}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 4039 \SE@MapDeclare{cp850}{EB}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 4040 \SE@MapDeclare{cp850}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4041 \SE@MapDeclare{cp850}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4042 \SE@MapDeclare{cp850}{EE}{00AF}% MACRON  
 4043 \SE@MapDeclare{cp850}{EF}{00B4}% ACUTE ACCENT  
 4044 \SE@MapDeclare{cp850}{F0}{00AD}% SOFT HYPHEN  
 4045 \SE@MapDeclare{cp850}{F1}{00B1}% PLUS-MINUS SIGN  
 4046 \SE@MapDeclare{cp850}{F2}{2017}% DOUBLE LOW LINE  
 4047 \SE@MapDeclare{cp850}{F3}{00BE}% VULGAR FRACTION THREE QUARTERS  
 4048 \SE@MapDeclare{cp850}{F4}{00B6}% PILCROW SIGN  
 4049 \SE@MapDeclare{cp850}{F5}{00A7}% SECTION SIGN  
 4050 \SE@MapDeclare{cp850}{F6}{00F7}% DIVISION SIGN

4051 \SE@MapDeclare{cp850}{F7}{00B8}% CEDILLA  
 4052 \SE@MapDeclare{cp850}{F8}{00B0}% DEGREE SIGN  
 4053 \SE@MapDeclare{cp850}{F9}{00A8}% DIAERESIS  
 4054 \SE@MapDeclare{cp850}{FA}{00B7}% MIDDLE DOT  
 4055 \SE@MapDeclare{cp850}{FB}{00B9}% SUPERSCRIPT ONE  
 4056 \SE@MapDeclare{cp850}{FC}{00B3}% SUPERSCRIPT THREE  
 4057 \SE@MapDeclare{cp850}{FD}{00B2}% SUPERSCRIPT TWO  
 4058 \SE@MapDeclare{cp850}{FE}{25A0}% BLACK SQUARE  
 4059 \SE@MapDeclare{cp850}{FF}{00A0}% NO-BREAK SPACE  
 4060 (/cp850)

## cp852

4061 (\*cp852)  
 4062 \SE@MapDeclare{cp852}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4063 \SE@MapDeclare{cp852}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4064 \SE@MapDeclare{cp852}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4065 \SE@MapDeclare{cp852}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4066 \SE@MapDeclare{cp852}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4067 \SE@MapDeclare{cp852}{85}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 4068 \SE@MapDeclare{cp852}{86}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 4069 \SE@MapDeclare{cp852}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4070 \SE@MapDeclare{cp852}{88}{0142}% LATIN SMALL LETTER L WITH STROKE  
 4071 \SE@MapDeclare{cp852}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4072 \SE@MapDeclare{cp852}{8A}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
 4073 \SE@MapDeclare{cp852}{8B}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 4074 \SE@MapDeclare{cp852}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4075 \SE@MapDeclare{cp852}{8D}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
 4076 \SE@MapDeclare{cp852}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4077 \SE@MapDeclare{cp852}{8F}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
 4078 \SE@MapDeclare{cp852}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4079 \SE@MapDeclare{cp852}{91}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
 4080 \SE@MapDeclare{cp852}{92}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 4081 \SE@MapDeclare{cp852}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4082 \SE@MapDeclare{cp852}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4083 \SE@MapDeclare{cp852}{95}{013D}% LATIN CAPITAL LETTER L WITH CARON  
 4084 \SE@MapDeclare{cp852}{96}{013E}% LATIN SMALL LETTER L WITH CARON  
 4085 \SE@MapDeclare{cp852}{97}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
 4086 \SE@MapDeclare{cp852}{98}{015B}% LATIN SMALL LETTER S WITH ACUTE  
 4087 \SE@MapDeclare{cp852}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4088 \SE@MapDeclare{cp852}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4089 \SE@MapDeclare{cp852}{9B}{0164}% LATIN CAPITAL LETTER T WITH CARON  
 4090 \SE@MapDeclare{cp852}{9C}{0165}% LATIN SMALL LETTER T WITH CARON  
 4091 \SE@MapDeclare{cp852}{9D}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
 4092 \SE@MapDeclare{cp852}{9E}{00D7}% MULTIPLICATION SIGN  
 4093 \SE@MapDeclare{cp852}{9F}{010D}% LATIN SMALL LETTER C WITH CARON  
 4094 \SE@MapDeclare{cp852}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4095 \SE@MapDeclare{cp852}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4096 \SE@MapDeclare{cp852}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4097 \SE@MapDeclare{cp852}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4098 \SE@MapDeclare{cp852}{A4}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
 4099 \SE@MapDeclare{cp852}{A5}{0105}% LATIN SMALL LETTER A WITH OGONEK  
 4100 \SE@MapDeclare{cp852}{A6}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
 4101 \SE@MapDeclare{cp852}{A7}{017E}% LATIN SMALL LETTER Z WITH CARON  
 4102 \SE@MapDeclare{cp852}{A8}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
 4103 \SE@MapDeclare{cp852}{A9}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 4104 \SE@MapDeclare{cp852}{AA}{00AC}% NOT SIGN  
 4105 \SE@MapDeclare{cp852}{AB}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
 4106 \SE@MapDeclare{cp852}{AC}{010C}% LATIN CAPITAL LETTER C WITH CARON  
 4107 \SE@MapDeclare{cp852}{AD}{016F}% LATIN SMALL LETTER S WITH CEDILLA  
 4108 \SE@MapDeclare{cp852}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4109 \SE@MapDeclare{cp852}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4110 \SE@MapDeclare{cp852}{B0}{2591}% LIGHT SHADE  
 4111 \SE@MapDeclare{cp852}{B1}{2592}% MEDIUM SHADE  
 4112 \SE@MapDeclare{cp852}{B2}{2593}% DARK SHADE  
 4113 \SE@MapDeclare{cp852}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4114 \SE@MapDeclare{cp852}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4115 \SE@MapDeclare{cp852}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4116 \SE@MapDeclare{cp852}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4117 \SE@MapDeclare{cp852}{B7}{011A}% LATIN CAPITAL LETTER E WITH CARON  
 4118 \SE@MapDeclare{cp852}{B8}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
 4119 \SE@MapDeclare{cp852}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4120 \SE@MapDeclare{cp852}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4121 \SE@MapDeclare{cp852}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4122 \SE@MapDeclare{cp852}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4123 \SE@MapDeclare{cp852}{BD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
 4124 \SE@MapDeclare{cp852}{BE}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
 4125 \SE@MapDeclare{cp852}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4126 \SE@MapDeclare{cp852}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4127 \SE@MapDeclare{cp852}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4128 \SE@MapDeclare{cp852}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4129 \SE@MapDeclare{cp852}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4130 \SE@MapDeclare{cp852}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4131 \SE@MapDeclare{cp852}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4132 \SE@MapDeclare{cp852}{C6}{0102}% LATIN CAPITAL LETTER A WITH BREVE

4133 \SE@MapDeclare{cp852}{C7}{0103}% LATIN SMALL LETTER A WITH BREVE  
 4134 \SE@MapDeclare{cp852}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4135 \SE@MapDeclare{cp852}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4136 \SE@MapDeclare{cp852}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4137 \SE@MapDeclare{cp852}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4138 \SE@MapDeclare{cp852}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4139 \SE@MapDeclare{cp852}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4140 \SE@MapDeclare{cp852}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4141 \SE@MapDeclare{cp852}{CF}{00A4}% CURRENCY SIGN  
 4142 \SE@MapDeclare{cp852}{D0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 4143 \SE@MapDeclare{cp852}{D1}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
 4144 \SE@MapDeclare{cp852}{D2}{010E}% LATIN CAPITAL LETTER D WITH CARON  
 4145 \SE@MapDeclare{cp852}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4146 \SE@MapDeclare{cp852}{D4}{010F}% LATIN SMALL LETTER D WITH CARON  
 4147 \SE@MapDeclare{cp852}{D5}{0147}% LATIN CAPITAL LETTER N WITH CARON  
 4148 \SE@MapDeclare{cp852}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4149 \SE@MapDeclare{cp852}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4150 \SE@MapDeclare{cp852}{D8}{011B}% LATIN SMALL LETTER E WITH CARON  
 4151 \SE@MapDeclare{cp852}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4152 \SE@MapDeclare{cp852}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4153 \SE@MapDeclare{cp852}{DB}{2588}% FULL BLOCK  
 4154 \SE@MapDeclare{cp852}{DC}{2584}% LOWER HALF BLOCK  
 4155 \SE@MapDeclare{cp852}{DD}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 4156 \SE@MapDeclare{cp852}{DE}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 4157 \SE@MapDeclare{cp852}{DF}{2580}% UPPER HALF BLOCK  
 4158 \SE@MapDeclare{cp852}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4159 \SE@MapDeclare{cp852}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4160 \SE@MapDeclare{cp852}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4161 \SE@MapDeclare{cp852}{E3}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
 4162 \SE@MapDeclare{cp852}{E4}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 4163 \SE@MapDeclare{cp852}{E5}{0148}% LATIN SMALL LETTER N WITH CARON  
 4164 \SE@MapDeclare{cp852}{E6}{0160}% LATIN CAPITAL LETTER S WITH CARON  
 4165 \SE@MapDeclare{cp852}{E7}{0161}% LATIN SMALL LETTER S WITH CARON  
 4166 \SE@MapDeclare{cp852}{E8}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
 4167 \SE@MapDeclare{cp852}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4168 \SE@MapDeclare{cp852}{EA}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 4169 \SE@MapDeclare{cp852}{EB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 4170 \SE@MapDeclare{cp852}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4171 \SE@MapDeclare{cp852}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4172 \SE@MapDeclare{cp852}{EE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 4173 \SE@MapDeclare{cp852}{EF}{00B4}% ACUTE ACCENT  
 4174 \SE@MapDeclare{cp852}{F0}{00AD}% SOFT HYPHEN  
 4175 \SE@MapDeclare{cp852}{F1}{02DD}% DOUBLE ACUTE ACCENT  
 4176 \SE@MapDeclare{cp852}{F2}{02DB}% OGONEK  
 4177 \SE@MapDeclare{cp852}{F3}{02C7}% CARON  
 4178 \SE@MapDeclare{cp852}{F4}{02D8}% BREVE  
 4179 \SE@MapDeclare{cp852}{F5}{00A7}% SECTION SIGN  
 4180 \SE@MapDeclare{cp852}{F6}{00F7}% DIVISION SIGN  
 4181 \SE@MapDeclare{cp852}{F7}{00B8}% CEDILLA  
 4182 \SE@MapDeclare{cp852}{F8}{00B0}% DEGREE SIGN  
 4183 \SE@MapDeclare{cp852}{F9}{00A8}% DIAERESIS  
 4184 \SE@MapDeclare{cp852}{FA}{02D9}% DOT ABOVE  
 4185 \SE@MapDeclare{cp852}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 4186 \SE@MapDeclare{cp852}{FC}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 4187 \SE@MapDeclare{cp852}{FD}{0159}% LATIN SMALL LETTER R WITH CARON  
 4188 \SE@MapDeclare{cp852}{FE}{25A0}% BLACK SQUARE  
 4189 \SE@MapDeclare{cp852}{FF}{00A0}% NO-BREAK SPACE  
 4190 </cp852>

## cp855

4191 <\*cp855>  
 4192 \SE@MapDeclare{cp855}{80}{0452}% CYRILLIC SMALL LETTER DJE  
 4193 \SE@MapDeclare{cp855}{81}{0402}% CYRILLIC CAPITAL LETTER DJE  
 4194 \SE@MapDeclare{cp855}{82}{0453}% CYRILLIC SMALL LETTER GJE  
 4195 \SE@MapDeclare{cp855}{83}{0403}% CYRILLIC CAPITAL LETTER GJE  
 4196 \SE@MapDeclare{cp855}{84}{0451}% CYRILLIC SMALL LETTER IO  
 4197 \SE@MapDeclare{cp855}{85}{0401}% CYRILLIC CAPITAL LETTER IO  
 4198 \SE@MapDeclare{cp855}{86}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4199 \SE@MapDeclare{cp855}{87}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4200 \SE@MapDeclare{cp855}{88}{0455}% CYRILLIC SMALL LETTER DZE  
 4201 \SE@MapDeclare{cp855}{89}{0405}% CYRILLIC CAPITAL LETTER DZE  
 4202 \SE@MapDeclare{cp855}{8A}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 4203 \SE@MapDeclare{cp855}{8B}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 4204 \SE@MapDeclare{cp855}{8C}{0457}% CYRILLIC SMALL LETTER YI  
 4205 \SE@MapDeclare{cp855}{8D}{0407}% CYRILLIC CAPITAL LETTER YI  
 4206 \SE@MapDeclare{cp855}{8E}{0458}% CYRILLIC SMALL LETTER JE  
 4207 \SE@MapDeclare{cp855}{8F}{0408}% CYRILLIC CAPITAL LETTER JE  
 4208 \SE@MapDeclare{cp855}{90}{0459}% CYRILLIC SMALL LETTER LJE  
 4209 \SE@MapDeclare{cp855}{91}{0409}% CYRILLIC CAPITAL LETTER LJE  
 4210 \SE@MapDeclare{cp855}{92}{045A}% CYRILLIC SMALL LETTER NJE  
 4211 \SE@MapDeclare{cp855}{93}{040A}% CYRILLIC CAPITAL LETTER NJE  
 4212 \SE@MapDeclare{cp855}{94}{045B}% CYRILLIC SMALL LETTER TSHE  
 4213 \SE@MapDeclare{cp855}{95}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 4214 \SE@MapDeclare{cp855}{96}{045C}% CYRILLIC SMALL LETTER KJE



4215 \SE@MapDeclare{cp855}{97}{040C}% CYRILLIC CAPITAL LETTER KJE  
 4216 \SE@MapDeclare{cp855}{98}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4217 \SE@MapDeclare{cp855}{99}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4218 \SE@MapDeclare{cp855}{9A}{045F}% CYRILLIC SMALL LETTER DZHE  
 4219 \SE@MapDeclare{cp855}{9B}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 4220 \SE@MapDeclare{cp855}{9C}{044E}% CYRILLIC SMALL LETTER YU  
 4221 \SE@MapDeclare{cp855}{9D}{042E}% CYRILLIC CAPITAL LETTER YU  
 4222 \SE@MapDeclare{cp855}{9E}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4223 \SE@MapDeclare{cp855}{9F}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4224 \SE@MapDeclare{cp855}{A0}{0430}% CYRILLIC SMALL LETTER A  
 4225 \SE@MapDeclare{cp855}{A1}{0410}% CYRILLIC CAPITAL LETTER A  
 4226 \SE@MapDeclare{cp855}{A2}{0431}% CYRILLIC SMALL LETTER BE  
 4227 \SE@MapDeclare{cp855}{A3}{0411}% CYRILLIC CAPITAL LETTER BE  
 4228 \SE@MapDeclare{cp855}{A4}{0446}% CYRILLIC SMALL LETTER TSE  
 4229 \SE@MapDeclare{cp855}{A5}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4230 \SE@MapDeclare{cp855}{A6}{0434}% CYRILLIC SMALL LETTER DE  
 4231 \SE@MapDeclare{cp855}{A7}{0414}% CYRILLIC CAPITAL LETTER DE  
 4232 \SE@MapDeclare{cp855}{A8}{0435}% CYRILLIC SMALL LETTER IE  
 4233 \SE@MapDeclare{cp855}{A9}{0415}% CYRILLIC CAPITAL LETTER IE  
 4234 \SE@MapDeclare{cp855}{AA}{0444}% CYRILLIC SMALL LETTER EF  
 4235 \SE@MapDeclare{cp855}{AB}{0424}% CYRILLIC CAPITAL LETTER EF  
 4236 \SE@MapDeclare{cp855}{AC}{0433}% CYRILLIC SMALL LETTER GHE  
 4237 \SE@MapDeclare{cp855}{AD}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4238 \SE@MapDeclare{cp855}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4239 \SE@MapDeclare{cp855}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4240 \SE@MapDeclare{cp855}{B0}{2591}% LIGHT SHADE  
 4241 \SE@MapDeclare{cp855}{B1}{2592}% MEDIUM SHADE  
 4242 \SE@MapDeclare{cp855}{B2}{2593}% DARK SHADE  
 4243 \SE@MapDeclare{cp855}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4244 \SE@MapDeclare{cp855}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4245 \SE@MapDeclare{cp855}{B5}{0445}% CYRILLIC SMALL LETTER HA  
 4246 \SE@MapDeclare{cp855}{B6}{0425}% CYRILLIC CAPITAL LETTER HA  
 4247 \SE@MapDeclare{cp855}{B7}{0438}% CYRILLIC SMALL LETTER I  
 4248 \SE@MapDeclare{cp855}{B8}{0418}% CYRILLIC CAPITAL LETTER I  
 4249 \SE@MapDeclare{cp855}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4250 \SE@MapDeclare{cp855}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4251 \SE@MapDeclare{cp855}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4252 \SE@MapDeclare{cp855}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4253 \SE@MapDeclare{cp855}{BD}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4254 \SE@MapDeclare{cp855}{BE}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4255 \SE@MapDeclare{cp855}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4256 \SE@MapDeclare{cp855}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4257 \SE@MapDeclare{cp855}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4258 \SE@MapDeclare{cp855}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4259 \SE@MapDeclare{cp855}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4260 \SE@MapDeclare{cp855}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4261 \SE@MapDeclare{cp855}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4262 \SE@MapDeclare{cp855}{C6}{043A}% CYRILLIC SMALL LETTER KA  
 4263 \SE@MapDeclare{cp855}{C7}{041A}% CYRILLIC CAPITAL LETTER KA  
 4264 \SE@MapDeclare{cp855}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4265 \SE@MapDeclare{cp855}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4266 \SE@MapDeclare{cp855}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4267 \SE@MapDeclare{cp855}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4268 \SE@MapDeclare{cp855}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4269 \SE@MapDeclare{cp855}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4270 \SE@MapDeclare{cp855}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4271 \SE@MapDeclare{cp855}{CF}{00A4}% CURRENCY SIGN  
 4272 \SE@MapDeclare{cp855}{D0}{043B}% CYRILLIC SMALL LETTER EL  
 4273 \SE@MapDeclare{cp855}{D1}{041B}% CYRILLIC CAPITAL LETTER EL  
 4274 \SE@MapDeclare{cp855}{D2}{043C}% CYRILLIC SMALL LETTER EM  
 4275 \SE@MapDeclare{cp855}{D3}{041C}% CYRILLIC CAPITAL LETTER EM  
 4276 \SE@MapDeclare{cp855}{D4}{043D}% CYRILLIC SMALL LETTER EN  
 4277 \SE@MapDeclare{cp855}{D5}{041D}% CYRILLIC CAPITAL LETTER EN  
 4278 \SE@MapDeclare{cp855}{D6}{043E}% CYRILLIC SMALL LETTER O  
 4279 \SE@MapDeclare{cp855}{D7}{041E}% CYRILLIC CAPITAL LETTER O  
 4280 \SE@MapDeclare{cp855}{D8}{043F}% CYRILLIC SMALL LETTER PE  
 4281 \SE@MapDeclare{cp855}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4282 \SE@MapDeclare{cp855}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4283 \SE@MapDeclare{cp855}{DB}{2588}% FULL BLOCK  
 4284 \SE@MapDeclare{cp855}{DC}{2584}% LOWER HALF BLOCK  
 4285 \SE@MapDeclare{cp855}{DD}{041F}% CYRILLIC CAPITAL LETTER PE  
 4286 \SE@MapDeclare{cp855}{DE}{044F}% CYRILLIC SMALL LETTER YA  
 4287 \SE@MapDeclare{cp855}{DF}{2580}% UPPER HALF BLOCK  
 4288 \SE@MapDeclare{cp855}{E0}{042F}% CYRILLIC CAPITAL LETTER YA  
 4289 \SE@MapDeclare{cp855}{E1}{0440}% CYRILLIC SMALL LETTER ER  
 4290 \SE@MapDeclare{cp855}{E2}{0420}% CYRILLIC CAPITAL LETTER ER  
 4291 \SE@MapDeclare{cp855}{E3}{0441}% CYRILLIC SMALL LETTER ES  
 4292 \SE@MapDeclare{cp855}{E4}{0421}% CYRILLIC CAPITAL LETTER ES  
 4293 \SE@MapDeclare{cp855}{E5}{0442}% CYRILLIC SMALL LETTER TE  
 4294 \SE@MapDeclare{cp855}{E6}{0422}% CYRILLIC CAPITAL LETTER TE  
 4295 \SE@MapDeclare{cp855}{E7}{0443}% CYRILLIC SMALL LETTER U  
 4296 \SE@MapDeclare{cp855}{E8}{0423}% CYRILLIC CAPITAL LETTER U  
 4297 \SE@MapDeclare{cp855}{E9}{0436}% CYRILLIC SMALL LETTER ZHE  
 4298 \SE@MapDeclare{cp855}{EA}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4299 \SE@MapDeclare{cp855}{EB}{0432}% CYRILLIC SMALL LETTER VE  
 4300 \SE@MapDeclare{cp855}{EC}{0412}% CYRILLIC CAPITAL LETTER VE

4301 \SE@MapDeclare{cp855}{ED}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4302 \SE@MapDeclare{cp855}{EE}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4303 \SE@MapDeclare{cp855}{EF}{2116}% NUMERO SIGN  
 4304 \SE@MapDeclare{cp855}{F0}{00AD}% SOFT HYPHEN  
 4305 \SE@MapDeclare{cp855}{F1}{044B}% CYRILLIC SMALL LETTER YERU  
 4306 \SE@MapDeclare{cp855}{F2}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4307 \SE@MapDeclare{cp855}{F3}{0437}% CYRILLIC SMALL LETTER ZE  
 4308 \SE@MapDeclare{cp855}{F4}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4309 \SE@MapDeclare{cp855}{F5}{0448}% CYRILLIC SMALL LETTER SHA  
 4310 \SE@MapDeclare{cp855}{F6}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4311 \SE@MapDeclare{cp855}{F7}{044D}% CYRILLIC SMALL LETTER E  
 4312 \SE@MapDeclare{cp855}{F8}{042D}% CYRILLIC CAPITAL LETTER E  
 4313 \SE@MapDeclare{cp855}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4314 \SE@MapDeclare{cp855}{FA}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4315 \SE@MapDeclare{cp855}{FB}{0447}% CYRILLIC SMALL LETTER CHE  
 4316 \SE@MapDeclare{cp855}{FC}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4317 \SE@MapDeclare{cp855}{FD}{00A7}% SECTION SIGN  
 4318 \SE@MapDeclare{cp855}{FE}{25A0}% BLACK SQUARE  
 4319 \SE@MapDeclare{cp855}{FF}{00A0}% NO-BREAK SPACE  
 4320 \</cp855>

## cp858

4321 \<(\*cp858)>  
 4322 \SE@MapDeclare{cp858}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4323 \SE@MapDeclare{cp858}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4324 \SE@MapDeclare{cp858}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4325 \SE@MapDeclare{cp858}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4326 \SE@MapDeclare{cp858}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4327 \SE@MapDeclare{cp858}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 4328 \SE@MapDeclare{cp858}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 4329 \SE@MapDeclare{cp858}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4330 \SE@MapDeclare{cp858}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 4331 \SE@MapDeclare{cp858}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4332 \SE@MapDeclare{cp858}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 4333 \SE@MapDeclare{cp858}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 4334 \SE@MapDeclare{cp858}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4335 \SE@MapDeclare{cp858}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 4336 \SE@MapDeclare{cp858}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4337 \SE@MapDeclare{cp858}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 4338 \SE@MapDeclare{cp858}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4339 \SE@MapDeclare{cp858}{91}{00E6}% LATIN SMALL LIGATURE AE  
 4340 \SE@MapDeclare{cp858}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 4341 \SE@MapDeclare{cp858}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4342 \SE@MapDeclare{cp858}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4343 \SE@MapDeclare{cp858}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 4344 \SE@MapDeclare{cp858}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 4345 \SE@MapDeclare{cp858}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 4346 \SE@MapDeclare{cp858}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 4347 \SE@MapDeclare{cp858}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4348 \SE@MapDeclare{cp858}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4349 \SE@MapDeclare{cp858}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4350 \SE@MapDeclare{cp858}{9C}{00A3}% POUND SIGN  
 4351 \SE@MapDeclare{cp858}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4352 \SE@MapDeclare{cp858}{9E}{00D7}% MULTIPLICATION SIGN  
 4353 \SE@MapDeclare{cp858}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 4354 \SE@MapDeclare{cp858}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4355 \SE@MapDeclare{cp858}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4356 \SE@MapDeclare{cp858}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4357 \SE@MapDeclare{cp858}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4358 \SE@MapDeclare{cp858}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 4359 \SE@MapDeclare{cp858}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 4360 \SE@MapDeclare{cp858}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 4361 \SE@MapDeclare{cp858}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 4362 \SE@MapDeclare{cp858}{A8}{00BF}% INVERTED QUESTION MARK  
 4363 \SE@MapDeclare{cp858}{A9}{00AE}% REGISTERED SIGN  
 4364 \SE@MapDeclare{cp858}{AA}{00AC}% NOT SIGN  
 4365 \SE@MapDeclare{cp858}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 4366 \SE@MapDeclare{cp858}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4367 \SE@MapDeclare{cp858}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 4368 \SE@MapDeclare{cp858}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4369 \SE@MapDeclare{cp858}{AF}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4370 \SE@MapDeclare{cp858}{B0}{2591}% LIGHT SHADE  
 4371 \SE@MapDeclare{cp858}{B1}{2592}% MEDIUM SHADE  
 4372 \SE@MapDeclare{cp858}{B2}{2593}% DARK SHADE  
 4373 \SE@MapDeclare{cp858}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4374 \SE@MapDeclare{cp858}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4375 \SE@MapDeclare{cp858}{B5}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
 4376 \SE@MapDeclare{cp858}{B6}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
 4377 \SE@MapDeclare{cp858}{B7}{00C0}% LATIN CAPITAL LETTER A WITH GRAVE  
 4378 \SE@MapDeclare{cp858}{B8}{00A9}% COPYRIGHT SIGN  
 4379 \SE@MapDeclare{cp858}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4380 \SE@MapDeclare{cp858}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4381 \SE@MapDeclare{cp858}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4382 \SE@MapDeclare{cp858}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT

4383 \SE@MapDeclare{cp858}{BD}{00A2}% CENT SIGN  
 4384 \SE@MapDeclare{cp858}{BE}{00A5}% YEN SIGN  
 4385 \SE@MapDeclare{cp858}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4386 \SE@MapDeclare{cp858}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4387 \SE@MapDeclare{cp858}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4388 \SE@MapDeclare{cp858}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4389 \SE@MapDeclare{cp858}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4390 \SE@MapDeclare{cp858}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4391 \SE@MapDeclare{cp858}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4392 \SE@MapDeclare{cp858}{C6}{00E3}% LATIN SMALL LETTER A WITH TILDE  
 4393 \SE@MapDeclare{cp858}{C7}{00C3}% LATIN CAPITAL LETTER A WITH TILDE  
 4394 \SE@MapDeclare{cp858}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4395 \SE@MapDeclare{cp858}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4396 \SE@MapDeclare{cp858}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4397 \SE@MapDeclare{cp858}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4398 \SE@MapDeclare{cp858}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4399 \SE@MapDeclare{cp858}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4400 \SE@MapDeclare{cp858}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4401 \SE@MapDeclare{cp858}{CF}{00A4}% CURRENCY SIGN  
 4402 \SE@MapDeclare{cp858}{D0}{00F0}% LATIN SMALL LETTER ETH  
 4403 \SE@MapDeclare{cp858}{D1}{00D0}% LATIN CAPITAL LETTER ETH  
 4404 \SE@MapDeclare{cp858}{D2}{00CA}% LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
 4405 \SE@MapDeclare{cp858}{D3}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
 4406 \SE@MapDeclare{cp858}{D4}{00C8}% LATIN CAPITAL LETTER E WITH GRAVE  
 4407 \SE@MapDeclare{cp858}{D5}{20AC}% EURO SIGN  
 4408 \SE@MapDeclare{cp858}{D6}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
 4409 \SE@MapDeclare{cp858}{D7}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
 4410 \SE@MapDeclare{cp858}{D8}{00CF}% LATIN CAPITAL LETTER I WITH DIAERESIS  
 4411 \SE@MapDeclare{cp858}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4412 \SE@MapDeclare{cp858}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4413 \SE@MapDeclare{cp858}{DB}{2588}% FULL BLOCK  
 4414 \SE@MapDeclare{cp858}{DC}{2584}% LOWER HALF BLOCK  
 4415 \SE@MapDeclare{cp858}{DD}{00A6}% BROKEN BAR  
 4416 \SE@MapDeclare{cp858}{DE}{00CC}% LATIN CAPITAL LETTER I WITH GRAVE  
 4417 \SE@MapDeclare{cp858}{DF}{2580}% UPPER HALF BLOCK  
 4418 \SE@MapDeclare{cp858}{E0}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
 4419 \SE@MapDeclare{cp858}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4420 \SE@MapDeclare{cp858}{E2}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
 4421 \SE@MapDeclare{cp858}{E3}{00D2}% LATIN CAPITAL LETTER O WITH GRAVE  
 4422 \SE@MapDeclare{cp858}{E4}{00F5}% LATIN SMALL LETTER O WITH TILDE  
 4423 \SE@MapDeclare{cp858}{E5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
 4424 \SE@MapDeclare{cp858}{E6}{00B5}% MICRO SIGN  
 4425 \SE@MapDeclare{cp858}{E7}{00FE}% LATIN SMALL LETTER THORN  
 4426 \SE@MapDeclare{cp858}{E8}{00DE}% LATIN CAPITAL LETTER THORN  
 4427 \SE@MapDeclare{cp858}{E9}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4428 \SE@MapDeclare{cp858}{EA}{00DB}% LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
 4429 \SE@MapDeclare{cp858}{EB}{00D9}% LATIN CAPITAL LETTER U WITH GRAVE  
 4430 \SE@MapDeclare{cp858}{EC}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4431 \SE@MapDeclare{cp858}{ED}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4432 \SE@MapDeclare{cp858}{EE}{00AF}% MACRON  
 4433 \SE@MapDeclare{cp858}{EF}{00B4}% ACUTE ACCENT  
 4434 \SE@MapDeclare{cp858}{F0}{00AD}% SOFT HYPHEN  
 4435 \SE@MapDeclare{cp858}{F1}{00B1}% PLUS-MINUS SIGN  
 4436 \SE@MapDeclare{cp858}{F2}{2017}% DOUBLE LOW LINE  
 4437 \SE@MapDeclare{cp858}{F3}{00BE}% VULGAR FRACTION THREE QUARTERS  
 4438 \SE@MapDeclare{cp858}{F4}{00B6}% PILCROW SIGN  
 4439 \SE@MapDeclare{cp858}{F5}{00A7}% SECTION SIGN  
 4440 \SE@MapDeclare{cp858}{F6}{00F7}% DIVISION SIGN  
 4441 \SE@MapDeclare{cp858}{F7}{00B8}% CEDILLA  
 4442 \SE@MapDeclare{cp858}{F8}{00B0}% DEGREE SIGN  
 4443 \SE@MapDeclare{cp858}{F9}{00A8}% DIAERESIS  
 4444 \SE@MapDeclare{cp858}{FA}{00B7}% MIDDLE DOT  
 4445 \SE@MapDeclare{cp858}{FB}{00B9}% SUPERScript ONE  
 4446 \SE@MapDeclare{cp858}{FC}{00B3}% SUPERScript THREE  
 4447 \SE@MapDeclare{cp858}{FD}{00B2}% SUPERScript TWO  
 4448 \SE@MapDeclare{cp858}{FE}{25A0}% BLACK SQUARE  
 4449 \SE@MapDeclare{cp858}{FF}{00A0}% NO-BREAK SPACE  
 4450 (/cp858)

## cp865

4451 (\*cp865)  
 4452 \SE@MapDeclare{cp865}{80}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
 4453 \SE@MapDeclare{cp865}{81}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4454 \SE@MapDeclare{cp865}{82}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4455 \SE@MapDeclare{cp865}{83}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4456 \SE@MapDeclare{cp865}{84}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4457 \SE@MapDeclare{cp865}{85}{00E0}% LATIN SMALL LETTER A WITH GRAVE  
 4458 \SE@MapDeclare{cp865}{86}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE  
 4459 \SE@MapDeclare{cp865}{87}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4460 \SE@MapDeclare{cp865}{88}{00EA}% LATIN SMALL LETTER E WITH CIRCUMFLEX  
 4461 \SE@MapDeclare{cp865}{89}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4462 \SE@MapDeclare{cp865}{8A}{00E8}% LATIN SMALL LETTER E WITH GRAVE  
 4463 \SE@MapDeclare{cp865}{8B}{00EF}% LATIN SMALL LETTER I WITH DIAERESIS  
 4464 \SE@MapDeclare{cp865}{8C}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX

4465 \SE@MapDeclare{cp865}{8D}{00EC}% LATIN SMALL LETTER I WITH GRAVE  
 4466 \SE@MapDeclare{cp865}{8E}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
 4467 \SE@MapDeclare{cp865}{8F}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
 4468 \SE@MapDeclare{cp865}{90}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
 4469 \SE@MapDeclare{cp865}{91}{00E6}% LATIN SMALL LIGATURE AE  
 4470 \SE@MapDeclare{cp865}{92}{00C6}% LATIN CAPITAL LIGATURE AE  
 4471 \SE@MapDeclare{cp865}{93}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4472 \SE@MapDeclare{cp865}{94}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4473 \SE@MapDeclare{cp865}{95}{00F2}% LATIN SMALL LETTER O WITH GRAVE  
 4474 \SE@MapDeclare{cp865}{96}{00FB}% LATIN SMALL LETTER U WITH CIRCUMFLEX  
 4475 \SE@MapDeclare{cp865}{97}{00F9}% LATIN SMALL LETTER U WITH GRAVE  
 4476 \SE@MapDeclare{cp865}{98}{00FF}% LATIN SMALL LETTER Y WITH DIAERESIS  
 4477 \SE@MapDeclare{cp865}{99}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
 4478 \SE@MapDeclare{cp865}{9A}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4479 \SE@MapDeclare{cp865}{9B}{00F8}% LATIN SMALL LETTER O WITH STROKE  
 4480 \SE@MapDeclare{cp865}{9C}{00A3}% POUND SIGN  
 4481 \SE@MapDeclare{cp865}{9D}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
 4482 \SE@MapDeclare{cp865}{9E}{20A7}% PESETA SIGN  
 4483 \SE@MapDeclare{cp865}{9F}{0192}% LATIN SMALL LETTER F WITH HOOK  
 4484 \SE@MapDeclare{cp865}{A0}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4485 \SE@MapDeclare{cp865}{A1}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4486 \SE@MapDeclare{cp865}{A2}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4487 \SE@MapDeclare{cp865}{A3}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4488 \SE@MapDeclare{cp865}{A4}{00F1}% LATIN SMALL LETTER N WITH TILDE  
 4489 \SE@MapDeclare{cp865}{A5}{00D1}% LATIN CAPITAL LETTER N WITH TILDE  
 4490 \SE@MapDeclare{cp865}{A6}{00AA}% FEMININE ORDINAL INDICATOR  
 4491 \SE@MapDeclare{cp865}{A7}{00BA}% MASCULINE ORDINAL INDICATOR  
 4492 \SE@MapDeclare{cp865}{A8}{00BF}% INVERTED QUESTION MARK  
 4493 \SE@MapDeclare{cp865}{A9}{2310}% REVERSED NOT SIGN  
 4494 \SE@MapDeclare{cp865}{AA}{00AC}% NOT SIGN  
 4495 \SE@MapDeclare{cp865}{AB}{00BD}% VULGAR FRACTION ONE HALF  
 4496 \SE@MapDeclare{cp865}{AC}{00BC}% VULGAR FRACTION ONE QUARTER  
 4497 \SE@MapDeclare{cp865}{AD}{00A1}% INVERTED EXCLAMATION MARK  
 4498 \SE@MapDeclare{cp865}{AE}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4499 \SE@MapDeclare{cp865}{AF}{00A4}% CURRENCY SIGN  
 4500 \SE@MapDeclare{cp865}{B0}{2591}% LIGHT SHADE  
 4501 \SE@MapDeclare{cp865}{B1}{2592}% MEDIUM SHADE  
 4502 \SE@MapDeclare{cp865}{B2}{2593}% DARK SHADE  
 4503 \SE@MapDeclare{cp865}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4504 \SE@MapDeclare{cp865}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4505 \SE@MapDeclare{cp865}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 4506 \SE@MapDeclare{cp865}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 4507 \SE@MapDeclare{cp865}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 4508 \SE@MapDeclare{cp865}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 4509 \SE@MapDeclare{cp865}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4510 \SE@MapDeclare{cp865}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4511 \SE@MapDeclare{cp865}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4512 \SE@MapDeclare{cp865}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4513 \SE@MapDeclare{cp865}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 4514 \SE@MapDeclare{cp865}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 4515 \SE@MapDeclare{cp865}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4516 \SE@MapDeclare{cp865}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4517 \SE@MapDeclare{cp865}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4518 \SE@MapDeclare{cp865}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4519 \SE@MapDeclare{cp865}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4520 \SE@MapDeclare{cp865}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4521 \SE@MapDeclare{cp865}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4522 \SE@MapDeclare{cp865}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 4523 \SE@MapDeclare{cp865}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 4524 \SE@MapDeclare{cp865}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4525 \SE@MapDeclare{cp865}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4526 \SE@MapDeclare{cp865}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4527 \SE@MapDeclare{cp865}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4528 \SE@MapDeclare{cp865}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4529 \SE@MapDeclare{cp865}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4530 \SE@MapDeclare{cp865}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4531 \SE@MapDeclare{cp865}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 4532 \SE@MapDeclare{cp865}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 4533 \SE@MapDeclare{cp865}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 4534 \SE@MapDeclare{cp865}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 4535 \SE@MapDeclare{cp865}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 4536 \SE@MapDeclare{cp865}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 4537 \SE@MapDeclare{cp865}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 4538 \SE@MapDeclare{cp865}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 4539 \SE@MapDeclare{cp865}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 4540 \SE@MapDeclare{cp865}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 4541 \SE@MapDeclare{cp865}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4542 \SE@MapDeclare{cp865}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4543 \SE@MapDeclare{cp865}{DB}{2588}% FULL BLOCK  
 4544 \SE@MapDeclare{cp865}{DC}{2584}% LOWER HALF BLOCK  
 4545 \SE@MapDeclare{cp865}{DD}{258C}% LEFT HALF BLOCK  
 4546 \SE@MapDeclare{cp865}{DE}{2590}% RIGHT HALF BLOCK

4547 \SE@MapDeclare{cp865}{DF}{2580}% UPPER HALF BLOCK  
 4548 \SE@MapDeclare{cp865}{E0}{03B1}% GREEK SMALL LETTER ALPHA  
 4549 \SE@MapDeclare{cp865}{E1}{00DF}% LATIN SMALL LETTER SHARP S  
 4550 \SE@MapDeclare{cp865}{E2}{0393}% GREEK CAPITAL LETTER GAMMA  
 4551 \SE@MapDeclare{cp865}{E3}{03C0}% GREEK SMALL LETTER PI  
 4552 \SE@MapDeclare{cp865}{E4}{03A3}% GREEK CAPITAL LETTER SIGMA  
 4553 \SE@MapDeclare{cp865}{E5}{03C3}% GREEK SMALL LETTER SIGMA  
 4554 \SE@MapDeclare{cp865}{E6}{00B5}% MICRO SIGN  
 4555 \SE@MapDeclare{cp865}{E7}{03C4}% GREEK SMALL LETTER TAU  
 4556 \SE@MapDeclare{cp865}{E8}{03A6}% GREEK CAPITAL LETTER PHI  
 4557 \SE@MapDeclare{cp865}{E9}{0398}% GREEK CAPITAL LETTER THETA  
 4558 \SE@MapDeclare{cp865}{EA}{03A9}% GREEK CAPITAL LETTER OMEGA  
 4559 \SE@MapDeclare{cp865}{EB}{03B4}% GREEK SMALL LETTER DELTA  
 4560 \SE@MapDeclare{cp865}{EC}{221E}% INFINITY  
 4561 \SE@MapDeclare{cp865}{ED}{03C6}% GREEK SMALL LETTER PHI  
 4562 \SE@MapDeclare{cp865}{EE}{03B5}% GREEK SMALL LETTER EPSILON  
 4563 \SE@MapDeclare{cp865}{EF}{2229}% INTERSECTION  
 4564 \SE@MapDeclare{cp865}{F0}{2261}% IDENTICAL TO  
 4565 \SE@MapDeclare{cp865}{F1}{00B1}% PLUS-MINUS SIGN  
 4566 \SE@MapDeclare{cp865}{F2}{2265}% GREATER-THAN OR EQUAL TO  
 4567 \SE@MapDeclare{cp865}{F3}{2264}% LESS-THAN OR EQUAL TO  
 4568 \SE@MapDeclare{cp865}{F4}{2320}% TOP HALF INTEGRAL  
 4569 \SE@MapDeclare{cp865}{F5}{2321}% BOTTOM HALF INTEGRAL  
 4570 \SE@MapDeclare{cp865}{F6}{00F7}% DIVISION SIGN  
 4571 \SE@MapDeclare{cp865}{F7}{2248}% ALMOST EQUAL TO  
 4572 \SE@MapDeclare{cp865}{F8}{00B0}% DEGREE SIGN  
 4573 \SE@MapDeclare{cp865}{F9}{2219}% BULLET OPERATOR  
 4574 \SE@MapDeclare{cp865}{FA}{00B7}% MIDDLE DOT  
 4575 \SE@MapDeclare{cp865}{FB}{221A}% SQUARE ROOT  
 4576 \SE@MapDeclare{cp865}{FC}{207F}% SUPERScript LATIN SMALL LETTER N  
 4577 \SE@MapDeclare{cp865}{FD}{00B2}% SUPERScript TWO  
 4578 \SE@MapDeclare{cp865}{FE}{25A0}% BLACK SQUARE  
 4579 \SE@MapDeclare{cp865}{FF}{00A0}% NO-BREAK SPACE  
 4580 (/cp865)

## cp866

4581 (\*cp866)  
 4582 \SE@MapDeclare{cp866}{80}{0410}% CYRILLIC CAPITAL LETTER A  
 4583 \SE@MapDeclare{cp866}{81}{0411}% CYRILLIC CAPITAL LETTER BE  
 4584 \SE@MapDeclare{cp866}{82}{0412}% CYRILLIC CAPITAL LETTER VE  
 4585 \SE@MapDeclare{cp866}{83}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4586 \SE@MapDeclare{cp866}{84}{0414}% CYRILLIC CAPITAL LETTER DE  
 4587 \SE@MapDeclare{cp866}{85}{0415}% CYRILLIC CAPITAL LETTER IE  
 4588 \SE@MapDeclare{cp866}{86}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4589 \SE@MapDeclare{cp866}{87}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4590 \SE@MapDeclare{cp866}{88}{0418}% CYRILLIC CAPITAL LETTER I  
 4591 \SE@MapDeclare{cp866}{89}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4592 \SE@MapDeclare{cp866}{8A}{041A}% CYRILLIC CAPITAL LETTER KA  
 4593 \SE@MapDeclare{cp866}{8B}{041B}% CYRILLIC CAPITAL LETTER EL  
 4594 \SE@MapDeclare{cp866}{8C}{041C}% CYRILLIC CAPITAL LETTER EM  
 4595 \SE@MapDeclare{cp866}{8D}{041D}% CYRILLIC CAPITAL LETTER EN  
 4596 \SE@MapDeclare{cp866}{8E}{041E}% CYRILLIC CAPITAL LETTER O  
 4597 \SE@MapDeclare{cp866}{8F}{041F}% CYRILLIC CAPITAL LETTER PE  
 4598 \SE@MapDeclare{cp866}{90}{0420}% CYRILLIC CAPITAL LETTER ER  
 4599 \SE@MapDeclare{cp866}{91}{0421}% CYRILLIC CAPITAL LETTER ES  
 4600 \SE@MapDeclare{cp866}{92}{0422}% CYRILLIC CAPITAL LETTER TE  
 4601 \SE@MapDeclare{cp866}{93}{0423}% CYRILLIC CAPITAL LETTER U  
 4602 \SE@MapDeclare{cp866}{94}{0424}% CYRILLIC CAPITAL LETTER EF  
 4603 \SE@MapDeclare{cp866}{95}{0425}% CYRILLIC CAPITAL LETTER HA  
 4604 \SE@MapDeclare{cp866}{96}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4605 \SE@MapDeclare{cp866}{97}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4606 \SE@MapDeclare{cp866}{98}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4607 \SE@MapDeclare{cp866}{99}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4608 \SE@MapDeclare{cp866}{9A}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4609 \SE@MapDeclare{cp866}{9B}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4610 \SE@MapDeclare{cp866}{9C}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4611 \SE@MapDeclare{cp866}{9D}{042D}% CYRILLIC CAPITAL LETTER E  
 4612 \SE@MapDeclare{cp866}{9E}{042E}% CYRILLIC CAPITAL LETTER YU  
 4613 \SE@MapDeclare{cp866}{9F}{042F}% CYRILLIC CAPITAL LETTER YA  
 4614 \SE@MapDeclare{cp866}{A0}{0430}% CYRILLIC SMALL LETTER A  
 4615 \SE@MapDeclare{cp866}{A1}{0431}% CYRILLIC SMALL LETTER BE  
 4616 \SE@MapDeclare{cp866}{A2}{0432}% CYRILLIC SMALL LETTER VE  
 4617 \SE@MapDeclare{cp866}{A3}{0433}% CYRILLIC SMALL LETTER GHE  
 4618 \SE@MapDeclare{cp866}{A4}{0434}% CYRILLIC SMALL LETTER DE  
 4619 \SE@MapDeclare{cp866}{A5}{0435}% CYRILLIC SMALL LETTER IE  
 4620 \SE@MapDeclare{cp866}{A6}{0436}% CYRILLIC SMALL LETTER ZHE  
 4621 \SE@MapDeclare{cp866}{A7}{0437}% CYRILLIC SMALL LETTER ZE  
 4622 \SE@MapDeclare{cp866}{A8}{0438}% CYRILLIC SMALL LETTER I  
 4623 \SE@MapDeclare{cp866}{A9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4624 \SE@MapDeclare{cp866}{AA}{043A}% CYRILLIC SMALL LETTER KA  
 4625 \SE@MapDeclare{cp866}{AB}{043B}% CYRILLIC SMALL LETTER EL  
 4626 \SE@MapDeclare{cp866}{AC}{043C}% CYRILLIC SMALL LETTER EM  
 4627 \SE@MapDeclare{cp866}{AD}{043D}% CYRILLIC SMALL LETTER EN  
 4628 \SE@MapDeclare{cp866}{AE}{043E}% CYRILLIC SMALL LETTER O

4629 \SE@MapDeclare{cp866}{AF}{043F}% CYRILLIC SMALL LETTER PE  
 4630 \SE@MapDeclare{cp866}{B0}{2591}% LIGHT SHADE  
 4631 \SE@MapDeclare{cp866}{B1}{2592}% MEDIUM SHADE  
 4632 \SE@MapDeclare{cp866}{B2}{2593}% DARK SHADE  
 4633 \SE@MapDeclare{cp866}{B3}{2502}% BOX DRAWINGS LIGHT VERTICAL  
 4634 \SE@MapDeclare{cp866}{B4}{2524}% BOX DRAWINGS LIGHT VERTICAL AND LEFT  
 4635 \SE@MapDeclare{cp866}{B5}{2561}% BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
 4636 \SE@MapDeclare{cp866}{B6}{2562}% BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
 4637 \SE@MapDeclare{cp866}{B7}{2556}% BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
 4638 \SE@MapDeclare{cp866}{B8}{2555}% BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
 4639 \SE@MapDeclare{cp866}{B9}{2563}% BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
 4640 \SE@MapDeclare{cp866}{BA}{2551}% BOX DRAWINGS DOUBLE VERTICAL  
 4641 \SE@MapDeclare{cp866}{BB}{2557}% BOX DRAWINGS DOUBLE DOWN AND LEFT  
 4642 \SE@MapDeclare{cp866}{BC}{255D}% BOX DRAWINGS DOUBLE UP AND LEFT  
 4643 \SE@MapDeclare{cp866}{BD}{255C}% BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
 4644 \SE@MapDeclare{cp866}{BE}{255B}% BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
 4645 \SE@MapDeclare{cp866}{BF}{2510}% BOX DRAWINGS LIGHT DOWN AND LEFT  
 4646 \SE@MapDeclare{cp866}{C0}{2514}% BOX DRAWINGS LIGHT UP AND RIGHT  
 4647 \SE@MapDeclare{cp866}{C1}{2534}% BOX DRAWINGS LIGHT UP AND HORIZONTAL  
 4648 \SE@MapDeclare{cp866}{C2}{252C}% BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
 4649 \SE@MapDeclare{cp866}{C3}{251C}% BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
 4650 \SE@MapDeclare{cp866}{C4}{2500}% BOX DRAWINGS LIGHT HORIZONTAL  
 4651 \SE@MapDeclare{cp866}{C5}{253C}% BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
 4652 \SE@MapDeclare{cp866}{C6}{255E}% BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
 4653 \SE@MapDeclare{cp866}{C7}{255F}% BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
 4654 \SE@MapDeclare{cp866}{C8}{255A}% BOX DRAWINGS DOUBLE UP AND RIGHT  
 4655 \SE@MapDeclare{cp866}{C9}{2554}% BOX DRAWINGS DOUBLE DOWN AND RIGHT  
 4656 \SE@MapDeclare{cp866}{CA}{2569}% BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
 4657 \SE@MapDeclare{cp866}{CB}{2566}% BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
 4658 \SE@MapDeclare{cp866}{CC}{2560}% BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
 4659 \SE@MapDeclare{cp866}{CD}{2550}% BOX DRAWINGS DOUBLE HORIZONTAL  
 4660 \SE@MapDeclare{cp866}{CE}{256C}% BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
 4661 \SE@MapDeclare{cp866}{CF}{2567}% BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
 4662 \SE@MapDeclare{cp866}{D0}{2568}% BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
 4663 \SE@MapDeclare{cp866}{D1}{2564}% BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
 4664 \SE@MapDeclare{cp866}{D2}{2565}% BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
 4665 \SE@MapDeclare{cp866}{D3}{2559}% BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
 4666 \SE@MapDeclare{cp866}{D4}{2558}% BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
 4667 \SE@MapDeclare{cp866}{D5}{2552}% BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE  
 4668 \SE@MapDeclare{cp866}{D6}{2553}% BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
 4669 \SE@MapDeclare{cp866}{D7}{256B}% BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
 4670 \SE@MapDeclare{cp866}{D8}{256A}% BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
 4671 \SE@MapDeclare{cp866}{D9}{2518}% BOX DRAWINGS LIGHT UP AND LEFT  
 4672 \SE@MapDeclare{cp866}{DA}{250C}% BOX DRAWINGS LIGHT DOWN AND RIGHT  
 4673 \SE@MapDeclare{cp866}{DB}{2588}% FULL BLOCK  
 4674 \SE@MapDeclare{cp866}{DC}{2584}% LOWER HALF BLOCK  
 4675 \SE@MapDeclare{cp866}{DD}{258C}% LEFT HALF BLOCK  
 4676 \SE@MapDeclare{cp866}{DE}{2590}% RIGHT HALF BLOCK  
 4677 \SE@MapDeclare{cp866}{DF}{2580}% UPPER HALF BLOCK  
 4678 \SE@MapDeclare{cp866}{E0}{0440}% CYRILLIC SMALL LETTER ER  
 4679 \SE@MapDeclare{cp866}{E1}{0441}% CYRILLIC SMALL LETTER ES  
 4680 \SE@MapDeclare{cp866}{E2}{0442}% CYRILLIC SMALL LETTER TE  
 4681 \SE@MapDeclare{cp866}{E3}{0443}% CYRILLIC SMALL LETTER U  
 4682 \SE@MapDeclare{cp866}{E4}{0444}% CYRILLIC SMALL LETTER EF  
 4683 \SE@MapDeclare{cp866}{E5}{0445}% CYRILLIC SMALL LETTER HA  
 4684 \SE@MapDeclare{cp866}{E6}{0446}% CYRILLIC SMALL LETTER TSE  
 4685 \SE@MapDeclare{cp866}{E7}{0447}% CYRILLIC SMALL LETTER CHE  
 4686 \SE@MapDeclare{cp866}{E8}{0448}% CYRILLIC SMALL LETTER SHA  
 4687 \SE@MapDeclare{cp866}{E9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4688 \SE@MapDeclare{cp866}{EA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4689 \SE@MapDeclare{cp866}{EB}{044B}% CYRILLIC SMALL LETTER YERU  
 4690 \SE@MapDeclare{cp866}{EC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4691 \SE@MapDeclare{cp866}{ED}{044D}% CYRILLIC SMALL LETTER E  
 4692 \SE@MapDeclare{cp866}{EE}{044E}% CYRILLIC SMALL LETTER YU  
 4693 \SE@MapDeclare{cp866}{EF}{044F}% CYRILLIC SMALL LETTER YA  
 4694 \SE@MapDeclare{cp866}{F0}{0401}% CYRILLIC CAPITAL LETTER IO  
 4695 \SE@MapDeclare{cp866}{F1}{0451}% CYRILLIC SMALL LETTER IO  
 4696 \SE@MapDeclare{cp866}{F2}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4697 \SE@MapDeclare{cp866}{F3}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4698 \SE@MapDeclare{cp866}{F4}{0407}% CYRILLIC CAPITAL LETTER YI  
 4699 \SE@MapDeclare{cp866}{F5}{0457}% CYRILLIC SMALL LETTER YI  
 4700 \SE@MapDeclare{cp866}{F6}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4701 \SE@MapDeclare{cp866}{F7}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4702 \SE@MapDeclare{cp866}{F8}{00B0}% DEGREE SIGN  
 4703 \SE@MapDeclare{cp866}{F9}{2219}% BULLET OPERATOR  
 4704 \SE@MapDeclare{cp866}{FA}{00B7}% MIDDLE DOT  
 4705 \SE@MapDeclare{cp866}{FB}{221A}% SQUARE ROOT  
 4706 \SE@MapDeclare{cp866}{FC}{2216}% NUMERO SIGN  
 4707 \SE@MapDeclare{cp866}{FD}{00A4}% CURRENCY SIGN  
 4708 \SE@MapDeclare{cp866}{FE}{25A0}% BLACK SQUARE  
 4709 \SE@MapDeclare{cp866}{FF}{00A0}% NO-BREAK SPACE  
 4710 </cp866>

## cp1250

4711 (\*cp1250)  
4712 \SE@MapDeclare{cp1250}{80}{20AC}% EURO SIGN  
4713 \SE@MapDeclare{cp1250}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
4714 \SE@MapDeclare{cp1250}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
4715 \SE@MapDeclare{cp1250}{85}{2026}% HORIZONTAL ELLIPSIS  
4716 \SE@MapDeclare{cp1250}{86}{2020}% DAGGER  
4717 \SE@MapDeclare{cp1250}{87}{2021}% DOUBLE DAGGER  
4718 \SE@MapDeclare{cp1250}{89}{2030}% PER MILLE SIGN  
4719 \SE@MapDeclare{cp1250}{8A}{0160}% LATIN CAPITAL LETTER S WITH CARON  
4720 \SE@MapDeclare{cp1250}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
4721 \SE@MapDeclare{cp1250}{8C}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
4722 \SE@MapDeclare{cp1250}{8D}{0164}% LATIN CAPITAL LETTER T WITH CARON  
4723 \SE@MapDeclare{cp1250}{8E}{017D}% LATIN CAPITAL LETTER Z WITH CARON  
4724 \SE@MapDeclare{cp1250}{8F}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
4725 \SE@MapDeclare{cp1250}{91}{2018}% LEFT SINGLE QUOTATION MARK  
4726 \SE@MapDeclare{cp1250}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
4727 \SE@MapDeclare{cp1250}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
4728 \SE@MapDeclare{cp1250}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
4729 \SE@MapDeclare{cp1250}{95}{2022}% BULLET  
4730 \SE@MapDeclare{cp1250}{96}{2013}% EN DASH  
4731 \SE@MapDeclare{cp1250}{97}{2014}% EM DASH  
4732 \SE@MapDeclare{cp1250}{99}{2122}% TRADE MARK SIGN  
4733 \SE@MapDeclare{cp1250}{9A}{0161}% LATIN SMALL LETTER S WITH CARON  
4734 \SE@MapDeclare{cp1250}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
4735 \SE@MapDeclare{cp1250}{9C}{015B}% LATIN SMALL LETTER S WITH ACUTE  
4736 \SE@MapDeclare{cp1250}{9D}{0165}% LATIN SMALL LETTER T WITH CARON  
4737 \SE@MapDeclare{cp1250}{9E}{017E}% LATIN SMALL LETTER Z WITH CARON  
4738 \SE@MapDeclare{cp1250}{9F}{017A}% LATIN SMALL LETTER Z WITH ACUTE  
4739 \SE@MapDeclare{cp1250}{A0}{00A0}% NO-BREAK SPACE  
4740 \SE@MapDeclare{cp1250}{A1}{02C7}% CARON  
4741 \SE@MapDeclare{cp1250}{A2}{02D8}% BREVE  
4742 \SE@MapDeclare{cp1250}{A3}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
4743 \SE@MapDeclare{cp1250}{A4}{00A4}% CURRENCY SIGN  
4744 \SE@MapDeclare{cp1250}{A5}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
4745 \SE@MapDeclare{cp1250}{A6}{00A6}% BROKEN BAR  
4746 \SE@MapDeclare{cp1250}{A7}{00A7}% SECTION SIGN  
4747 \SE@MapDeclare{cp1250}{A8}{00A8}% DIAERESIS  
4748 \SE@MapDeclare{cp1250}{A9}{00A9}% COPYRIGHT SIGN  
4749 \SE@MapDeclare{cp1250}{AA}{015E}% LATIN CAPITAL LETTER S WITH CEDILLA  
4750 \SE@MapDeclare{cp1250}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
4751 \SE@MapDeclare{cp1250}{AC}{00AC}% NOT SIGN  
4752 \SE@MapDeclare{cp1250}{AD}{00AD}% SOFT HYPHEN  
4753 \SE@MapDeclare{cp1250}{AE}{00AE}% REGISTERED SIGN  
4754 \SE@MapDeclare{cp1250}{AF}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE  
4755 \SE@MapDeclare{cp1250}{B0}{00B0}% DEGREE SIGN  
4756 \SE@MapDeclare{cp1250}{B1}{00B1}% PLUS-MINUS SIGN  
4757 \SE@MapDeclare{cp1250}{B2}{02DB}% OGONEK  
4758 \SE@MapDeclare{cp1250}{B3}{0142}% LATIN SMALL LETTER L WITH STROKE  
4759 \SE@MapDeclare{cp1250}{B4}{00B4}% ACUTE ACCENT  
4760 \SE@MapDeclare{cp1250}{B5}{00B5}% MICRO SIGN  
4761 \SE@MapDeclare{cp1250}{B6}{00B6}% PILCROW SIGN  
4762 \SE@MapDeclare{cp1250}{B7}{00B7}% MIDDLE DOT  
4763 \SE@MapDeclare{cp1250}{B8}{00B8}% CEDILLA  
4764 \SE@MapDeclare{cp1250}{B9}{0105}% LATIN SMALL LETTER A WITH OGONEK  
4765 \SE@MapDeclare{cp1250}{BA}{015F}% LATIN SMALL LETTER S WITH CEDILLA  
4766 \SE@MapDeclare{cp1250}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
4767 \SE@MapDeclare{cp1250}{BC}{013D}% LATIN CAPITAL LETTER L WITH CARON  
4768 \SE@MapDeclare{cp1250}{BD}{02DD}% DOUBLE ACUTE ACCENT  
4769 \SE@MapDeclare{cp1250}{BE}{013E}% LATIN SMALL LETTER L WITH CARON  
4770 \SE@MapDeclare{cp1250}{BF}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE  
4771 \SE@MapDeclare{cp1250}{C0}{0154}% LATIN CAPITAL LETTER R WITH ACUTE  
4772 \SE@MapDeclare{cp1250}{C1}{00C1}% LATIN CAPITAL LETTER A WITH ACUTE  
4773 \SE@MapDeclare{cp1250}{C2}{00C2}% LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
4774 \SE@MapDeclare{cp1250}{C3}{0102}% LATIN CAPITAL LETTER A WITH BREVE  
4775 \SE@MapDeclare{cp1250}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
4776 \SE@MapDeclare{cp1250}{C5}{0139}% LATIN CAPITAL LETTER L WITH ACUTE  
4777 \SE@MapDeclare{cp1250}{C6}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
4778 \SE@MapDeclare{cp1250}{C7}{00C7}% LATIN CAPITAL LETTER C WITH CEDILLA  
4779 \SE@MapDeclare{cp1250}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
4780 \SE@MapDeclare{cp1250}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
4781 \SE@MapDeclare{cp1250}{CA}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
4782 \SE@MapDeclare{cp1250}{CB}{00CB}% LATIN CAPITAL LETTER E WITH DIAERESIS  
4783 \SE@MapDeclare{cp1250}{CC}{011A}% LATIN CAPITAL LETTER E WITH CARON  
4784 \SE@MapDeclare{cp1250}{CD}{00CD}% LATIN CAPITAL LETTER I WITH ACUTE  
4785 \SE@MapDeclare{cp1250}{CE}{00CE}% LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
4786 \SE@MapDeclare{cp1250}{CF}{010E}% LATIN CAPITAL LETTER D WITH CARON  
4787 \SE@MapDeclare{cp1250}{D0}{0110}% LATIN CAPITAL LETTER D WITH STROKE  
4788 \SE@MapDeclare{cp1250}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
4789 \SE@MapDeclare{cp1250}{D2}{0147}% LATIN CAPITAL LETTER N WITH CARON  
4790 \SE@MapDeclare{cp1250}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
4791 \SE@MapDeclare{cp1250}{D4}{00D4}% LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
4792 \SE@MapDeclare{cp1250}{D5}{0150}% LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
4793 \SE@MapDeclare{cp1250}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
4794 \SE@MapDeclare{cp1250}{D7}{00D7}% MULTIPLICATION SIGN

4795 \SE@MapDeclare{cp1250}{D8}{0158}% LATIN CAPITAL LETTER R WITH CARON  
 4796 \SE@MapDeclare{cp1250}{D9}{016E}% LATIN CAPITAL LETTER U WITH RING ABOVE  
 4797 \SE@MapDeclare{cp1250}{DA}{00DA}% LATIN CAPITAL LETTER U WITH ACUTE  
 4798 \SE@MapDeclare{cp1250}{DB}{0170}% LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
 4799 \SE@MapDeclare{cp1250}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS  
 4800 \SE@MapDeclare{cp1250}{DD}{00DD}% LATIN CAPITAL LETTER Y WITH ACUTE  
 4801 \SE@MapDeclare{cp1250}{DE}{0162}% LATIN CAPITAL LETTER T WITH CEDILLA  
 4802 \SE@MapDeclare{cp1250}{DF}{00DF}% LATIN SMALL LETTER SHARP S  
 4803 \SE@MapDeclare{cp1250}{E0}{0155}% LATIN SMALL LETTER R WITH ACUTE  
 4804 \SE@MapDeclare{cp1250}{E1}{00E1}% LATIN SMALL LETTER A WITH ACUTE  
 4805 \SE@MapDeclare{cp1250}{E2}{00E2}% LATIN SMALL LETTER A WITH CIRCUMFLEX  
 4806 \SE@MapDeclare{cp1250}{E3}{0103}% LATIN SMALL LETTER A WITH BREVE  
 4807 \SE@MapDeclare{cp1250}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS  
 4808 \SE@MapDeclare{cp1250}{E5}{013A}% LATIN SMALL LETTER L WITH ACUTE  
 4809 \SE@MapDeclare{cp1250}{E6}{0107}% LATIN SMALL LETTER C WITH ACUTE  
 4810 \SE@MapDeclare{cp1250}{E7}{00E7}% LATIN SMALL LETTER C WITH CEDILLA  
 4811 \SE@MapDeclare{cp1250}{E8}{010D}% LATIN SMALL LETTER C WITH CARON  
 4812 \SE@MapDeclare{cp1250}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE  
 4813 \SE@MapDeclare{cp1250}{EA}{0119}% LATIN SMALL LETTER E WITH OGONEK  
 4814 \SE@MapDeclare{cp1250}{EB}{00EB}% LATIN SMALL LETTER E WITH DIAERESIS  
 4815 \SE@MapDeclare{cp1250}{EC}{011B}% LATIN SMALL LETTER E WITH CARON  
 4816 \SE@MapDeclare{cp1250}{ED}{00ED}% LATIN SMALL LETTER I WITH ACUTE  
 4817 \SE@MapDeclare{cp1250}{EE}{00EE}% LATIN SMALL LETTER I WITH CIRCUMFLEX  
 4818 \SE@MapDeclare{cp1250}{EF}{010F}% LATIN SMALL LETTER D WITH CARON  
 4819 \SE@MapDeclare{cp1250}{F0}{0111}% LATIN SMALL LETTER D WITH STROKE  
 4820 \SE@MapDeclare{cp1250}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE  
 4821 \SE@MapDeclare{cp1250}{F2}{0148}% LATIN SMALL LETTER N WITH CARON  
 4822 \SE@MapDeclare{cp1250}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE  
 4823 \SE@MapDeclare{cp1250}{F4}{00F4}% LATIN SMALL LETTER O WITH CIRCUMFLEX  
 4824 \SE@MapDeclare{cp1250}{F5}{0151}% LATIN SMALL LETTER O WITH DOUBLE ACUTE  
 4825 \SE@MapDeclare{cp1250}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS  
 4826 \SE@MapDeclare{cp1250}{F7}{00F7}% DIVISION SIGN  
 4827 \SE@MapDeclare{cp1250}{F8}{0159}% LATIN SMALL LETTER R WITH CARON  
 4828 \SE@MapDeclare{cp1250}{F9}{016F}% LATIN SMALL LETTER U WITH RING ABOVE  
 4829 \SE@MapDeclare{cp1250}{FA}{00FA}% LATIN SMALL LETTER U WITH ACUTE  
 4830 \SE@MapDeclare{cp1250}{FB}{0171}% LATIN SMALL LETTER U WITH DOUBLE ACUTE  
 4831 \SE@MapDeclare{cp1250}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS  
 4832 \SE@MapDeclare{cp1250}{FD}{00FD}% LATIN SMALL LETTER Y WITH ACUTE  
 4833 \SE@MapDeclare{cp1250}{FE}{0163}% LATIN SMALL LETTER T WITH CEDILLA  
 4834 \SE@MapDeclare{cp1250}{FF}{02D9}% DOT ABOVE  
 4835 </cp1250>

## cp1251

4836 (\*cp1251)  
 4837 \SE@MapDeclare{cp1251}{80}{0402}% CYRILLIC CAPITAL LETTER DJE  
 4838 \SE@MapDeclare{cp1251}{81}{0403}% CYRILLIC CAPITAL LETTER GJE  
 4839 \SE@MapDeclare{cp1251}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
 4840 \SE@MapDeclare{cp1251}{83}{0453}% CYRILLIC SMALL LETTER GJE  
 4841 \SE@MapDeclare{cp1251}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
 4842 \SE@MapDeclare{cp1251}{85}{2026}% HORIZONTAL ELLIPSIS  
 4843 \SE@MapDeclare{cp1251}{86}{2020}% DAGGER  
 4844 \SE@MapDeclare{cp1251}{87}{2021}% DOUBLE DAGGER  
 4845 \SE@MapDeclare{cp1251}{88}{20AC}% EURO SIGN  
 4846 \SE@MapDeclare{cp1251}{89}{2030}% PER MILLE SIGN  
 4847 \SE@MapDeclare{cp1251}{8A}{0409}% CYRILLIC CAPITAL LETTER LJE  
 4848 \SE@MapDeclare{cp1251}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
 4849 \SE@MapDeclare{cp1251}{8C}{040A}% CYRILLIC CAPITAL LETTER NJE  
 4850 \SE@MapDeclare{cp1251}{8D}{040C}% CYRILLIC CAPITAL LETTER KJE  
 4851 \SE@MapDeclare{cp1251}{8E}{040B}% CYRILLIC CAPITAL LETTER TSHE  
 4852 \SE@MapDeclare{cp1251}{8F}{040F}% CYRILLIC CAPITAL LETTER DZHE  
 4853 \SE@MapDeclare{cp1251}{90}{0452}% CYRILLIC SMALL LETTER DJE  
 4854 \SE@MapDeclare{cp1251}{91}{2018}% LEFT SINGLE QUOTATION MARK  
 4855 \SE@MapDeclare{cp1251}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
 4856 \SE@MapDeclare{cp1251}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
 4857 \SE@MapDeclare{cp1251}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
 4858 \SE@MapDeclare{cp1251}{95}{2022}% BULLET  
 4859 \SE@MapDeclare{cp1251}{96}{2013}% EN DASH  
 4860 \SE@MapDeclare{cp1251}{97}{2014}% EM DASH  
 4861 \SE@MapDeclare{cp1251}{99}{2122}% TRADE MARK SIGN  
 4862 \SE@MapDeclare{cp1251}{9A}{0459}% CYRILLIC SMALL LETTER LJE  
 4863 \SE@MapDeclare{cp1251}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
 4864 \SE@MapDeclare{cp1251}{9C}{045A}% CYRILLIC SMALL LETTER NJE  
 4865 \SE@MapDeclare{cp1251}{9D}{045C}% CYRILLIC SMALL LETTER KJE  
 4866 \SE@MapDeclare{cp1251}{9E}{045B}% CYRILLIC SMALL LETTER TSHE  
 4867 \SE@MapDeclare{cp1251}{9F}{045F}% CYRILLIC SMALL LETTER DZHE  
 4868 \SE@MapDeclare{cp1251}{A0}{00A0}% NO-BREAK SPACE  
 4869 \SE@MapDeclare{cp1251}{A1}{040E}% CYRILLIC CAPITAL LETTER SHORT U  
 4870 \SE@MapDeclare{cp1251}{A2}{045E}% CYRILLIC SMALL LETTER SHORT U  
 4871 \SE@MapDeclare{cp1251}{A3}{0408}% CYRILLIC CAPITAL LETTER JE  
 4872 \SE@MapDeclare{cp1251}{A4}{00A4}% CURRENCY SIGN  
 4873 \SE@MapDeclare{cp1251}{A5}{0490}% CYRILLIC CAPITAL LETTER GHE WITH UPTURN  
 4874 \SE@MapDeclare{cp1251}{A6}{00A6}% BROKEN BAR  
 4875 \SE@MapDeclare{cp1251}{A7}{00A7}% SECTION SIGN  
 4876 \SE@MapDeclare{cp1251}{A8}{0401}% CYRILLIC CAPITAL LETTER IO



4877 \SE@MapDeclare{cp1251}{A9}{00A9}% COPYRIGHT SIGN  
 4878 \SE@MapDeclare{cp1251}{AA}{0404}% CYRILLIC CAPITAL LETTER UKRAINIAN IE  
 4879 \SE@MapDeclare{cp1251}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4880 \SE@MapDeclare{cp1251}{AC}{00AC}% NOT SIGN  
 4881 \SE@MapDeclare{cp1251}{AD}{00AD}% SOFT HYPHEN  
 4882 \SE@MapDeclare{cp1251}{AE}{00AE}% REGISTERED SIGN  
 4883 \SE@MapDeclare{cp1251}{AF}{0407}% CYRILLIC CAPITAL LETTER YI  
 4884 \SE@MapDeclare{cp1251}{B0}{00B0}% DEGREE SIGN  
 4885 \SE@MapDeclare{cp1251}{B1}{00B1}% PLUS-MINUS SIGN  
 4886 \SE@MapDeclare{cp1251}{B2}{0406}% CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
 4887 \SE@MapDeclare{cp1251}{B3}{0456}% CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
 4888 \SE@MapDeclare{cp1251}{B4}{0491}% CYRILLIC SMALL LETTER GHE WITH UPTURN  
 4889 \SE@MapDeclare{cp1251}{B5}{00B5}% MICRO SIGN  
 4890 \SE@MapDeclare{cp1251}{B6}{00B6}% PILCROW SIGN  
 4891 \SE@MapDeclare{cp1251}{B7}{00B7}% MIDDLE DOT  
 4892 \SE@MapDeclare{cp1251}{B8}{0451}% CYRILLIC SMALL LETTER IO  
 4893 \SE@MapDeclare{cp1251}{B9}{2116}% NUMERO SIGN  
 4894 \SE@MapDeclare{cp1251}{BA}{0454}% CYRILLIC SMALL LETTER UKRAINIAN IE  
 4895 \SE@MapDeclare{cp1251}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
 4896 \SE@MapDeclare{cp1251}{BC}{0458}% CYRILLIC SMALL LETTER JE  
 4897 \SE@MapDeclare{cp1251}{BD}{0405}% CYRILLIC CAPITAL LETTER DZE  
 4898 \SE@MapDeclare{cp1251}{BE}{0455}% CYRILLIC SMALL LETTER DZE  
 4899 \SE@MapDeclare{cp1251}{BF}{0457}% CYRILLIC SMALL LETTER YI  
 4900 \SE@MapDeclare{cp1251}{C0}{0410}% CYRILLIC CAPITAL LETTER A  
 4901 \SE@MapDeclare{cp1251}{C1}{0411}% CYRILLIC CAPITAL LETTER BE  
 4902 \SE@MapDeclare{cp1251}{C2}{0412}% CYRILLIC CAPITAL LETTER VE  
 4903 \SE@MapDeclare{cp1251}{C3}{0413}% CYRILLIC CAPITAL LETTER GHE  
 4904 \SE@MapDeclare{cp1251}{C4}{0414}% CYRILLIC CAPITAL LETTER DE  
 4905 \SE@MapDeclare{cp1251}{C5}{0415}% CYRILLIC CAPITAL LETTER IE  
 4906 \SE@MapDeclare{cp1251}{C6}{0416}% CYRILLIC CAPITAL LETTER ZHE  
 4907 \SE@MapDeclare{cp1251}{C7}{0417}% CYRILLIC CAPITAL LETTER ZE  
 4908 \SE@MapDeclare{cp1251}{C8}{0418}% CYRILLIC CAPITAL LETTER I  
 4909 \SE@MapDeclare{cp1251}{C9}{0419}% CYRILLIC CAPITAL LETTER SHORT I  
 4910 \SE@MapDeclare{cp1251}{CA}{041A}% CYRILLIC CAPITAL LETTER KA  
 4911 \SE@MapDeclare{cp1251}{CB}{041B}% CYRILLIC CAPITAL LETTER EL  
 4912 \SE@MapDeclare{cp1251}{CC}{041C}% CYRILLIC CAPITAL LETTER EM  
 4913 \SE@MapDeclare{cp1251}{CD}{041D}% CYRILLIC CAPITAL LETTER EN  
 4914 \SE@MapDeclare{cp1251}{CE}{041E}% CYRILLIC CAPITAL LETTER O  
 4915 \SE@MapDeclare{cp1251}{CF}{041F}% CYRILLIC CAPITAL LETTER PE  
 4916 \SE@MapDeclare{cp1251}{D0}{0420}% CYRILLIC CAPITAL LETTER ER  
 4917 \SE@MapDeclare{cp1251}{D1}{0421}% CYRILLIC CAPITAL LETTER ES  
 4918 \SE@MapDeclare{cp1251}{D2}{0422}% CYRILLIC CAPITAL LETTER TE  
 4919 \SE@MapDeclare{cp1251}{D3}{0423}% CYRILLIC CAPITAL LETTER U  
 4920 \SE@MapDeclare{cp1251}{D4}{0424}% CYRILLIC CAPITAL LETTER EF  
 4921 \SE@MapDeclare{cp1251}{D5}{0425}% CYRILLIC CAPITAL LETTER HA  
 4922 \SE@MapDeclare{cp1251}{D6}{0426}% CYRILLIC CAPITAL LETTER TSE  
 4923 \SE@MapDeclare{cp1251}{D7}{0427}% CYRILLIC CAPITAL LETTER CHE  
 4924 \SE@MapDeclare{cp1251}{D8}{0428}% CYRILLIC CAPITAL LETTER SHA  
 4925 \SE@MapDeclare{cp1251}{D9}{0429}% CYRILLIC CAPITAL LETTER SHCHA  
 4926 \SE@MapDeclare{cp1251}{DA}{042A}% CYRILLIC CAPITAL LETTER HARD SIGN  
 4927 \SE@MapDeclare{cp1251}{DB}{042B}% CYRILLIC CAPITAL LETTER YERU  
 4928 \SE@MapDeclare{cp1251}{DC}{042C}% CYRILLIC CAPITAL LETTER SOFT SIGN  
 4929 \SE@MapDeclare{cp1251}{DD}{042D}% CYRILLIC CAPITAL LETTER E  
 4930 \SE@MapDeclare{cp1251}{DE}{042E}% CYRILLIC CAPITAL LETTER YU  
 4931 \SE@MapDeclare{cp1251}{DF}{042F}% CYRILLIC CAPITAL LETTER YA  
 4932 \SE@MapDeclare{cp1251}{E0}{0430}% CYRILLIC SMALL LETTER A  
 4933 \SE@MapDeclare{cp1251}{E1}{0431}% CYRILLIC SMALL LETTER BE  
 4934 \SE@MapDeclare{cp1251}{E2}{0432}% CYRILLIC SMALL LETTER VE  
 4935 \SE@MapDeclare{cp1251}{E3}{0433}% CYRILLIC SMALL LETTER GHE  
 4936 \SE@MapDeclare{cp1251}{E4}{0434}% CYRILLIC SMALL LETTER DE  
 4937 \SE@MapDeclare{cp1251}{E5}{0435}% CYRILLIC SMALL LETTER IE  
 4938 \SE@MapDeclare{cp1251}{E6}{0436}% CYRILLIC SMALL LETTER ZHE  
 4939 \SE@MapDeclare{cp1251}{E7}{0437}% CYRILLIC SMALL LETTER ZE  
 4940 \SE@MapDeclare{cp1251}{E8}{0438}% CYRILLIC SMALL LETTER I  
 4941 \SE@MapDeclare{cp1251}{E9}{0439}% CYRILLIC SMALL LETTER SHORT I  
 4942 \SE@MapDeclare{cp1251}{EA}{043A}% CYRILLIC SMALL LETTER KA  
 4943 \SE@MapDeclare{cp1251}{EB}{043B}% CYRILLIC SMALL LETTER EL  
 4944 \SE@MapDeclare{cp1251}{EC}{043C}% CYRILLIC SMALL LETTER EM  
 4945 \SE@MapDeclare{cp1251}{ED}{043D}% CYRILLIC SMALL LETTER EN  
 4946 \SE@MapDeclare{cp1251}{EE}{043E}% CYRILLIC SMALL LETTER O  
 4947 \SE@MapDeclare{cp1251}{EF}{043F}% CYRILLIC SMALL LETTER PE  
 4948 \SE@MapDeclare{cp1251}{F0}{0440}% CYRILLIC SMALL LETTER ER  
 4949 \SE@MapDeclare{cp1251}{F1}{0441}% CYRILLIC SMALL LETTER ES  
 4950 \SE@MapDeclare{cp1251}{F2}{0442}% CYRILLIC SMALL LETTER TE  
 4951 \SE@MapDeclare{cp1251}{F3}{0443}% CYRILLIC SMALL LETTER U  
 4952 \SE@MapDeclare{cp1251}{F4}{0444}% CYRILLIC SMALL LETTER EF  
 4953 \SE@MapDeclare{cp1251}{F5}{0445}% CYRILLIC SMALL LETTER HA  
 4954 \SE@MapDeclare{cp1251}{F6}{0446}% CYRILLIC SMALL LETTER TSE  
 4955 \SE@MapDeclare{cp1251}{F7}{0447}% CYRILLIC SMALL LETTER CHE  
 4956 \SE@MapDeclare{cp1251}{F8}{0448}% CYRILLIC SMALL LETTER SHA  
 4957 \SE@MapDeclare{cp1251}{F9}{0449}% CYRILLIC SMALL LETTER SHCHA  
 4958 \SE@MapDeclare{cp1251}{FA}{044A}% CYRILLIC SMALL LETTER HARD SIGN  
 4959 \SE@MapDeclare{cp1251}{FB}{044B}% CYRILLIC SMALL LETTER YERU  
 4960 \SE@MapDeclare{cp1251}{FC}{044C}% CYRILLIC SMALL LETTER SOFT SIGN  
 4961 \SE@MapDeclare{cp1251}{FD}{044D}% CYRILLIC SMALL LETTER E  
 4962 \SE@MapDeclare{cp1251}{FE}{044E}% CYRILLIC SMALL LETTER YU

4963 \SE@MapDeclare{cp1251}{FF}{044F}% CYRILLIC SMALL LETTER YA  
4964 \SE@MapDeclare{cp1251}

## cp1257

4965 \SE@MapDeclare{cp1257}{80}{20AC}% EURO SIGN  
4966 \SE@MapDeclare{cp1257}{82}{201A}% SINGLE LOW-9 QUOTATION MARK  
4967 \SE@MapDeclare{cp1257}{84}{201E}% DOUBLE LOW-9 QUOTATION MARK  
4968 \SE@MapDeclare{cp1257}{85}{2026}% HORIZONTAL ELLIPSIS  
4969 \SE@MapDeclare{cp1257}{86}{2020}% DAGGER  
4970 \SE@MapDeclare{cp1257}{87}{2021}% DOUBLE DAGGER  
4971 \SE@MapDeclare{cp1257}{89}{2030}% PER MILLE SIGN  
4972 \SE@MapDeclare{cp1257}{8B}{2039}% SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
4973 \SE@MapDeclare{cp1257}{8D}{00A8}% DIAERESIS  
4974 \SE@MapDeclare{cp1257}{8E}{02C7}% CARON  
4975 \SE@MapDeclare{cp1257}{8F}{00B8}% CEDILLA  
4976 \SE@MapDeclare{cp1257}{91}{2018}% LEFT SINGLE QUOTATION MARK  
4977 \SE@MapDeclare{cp1257}{92}{2019}% RIGHT SINGLE QUOTATION MARK  
4978 \SE@MapDeclare{cp1257}{93}{201C}% LEFT DOUBLE QUOTATION MARK  
4979 \SE@MapDeclare{cp1257}{94}{201D}% RIGHT DOUBLE QUOTATION MARK  
4980 \SE@MapDeclare{cp1257}{95}{2022}% BULLET  
4981 \SE@MapDeclare{cp1257}{96}{2013}% EN DASH  
4982 \SE@MapDeclare{cp1257}{97}{2014}% EM DASH  
4983 \SE@MapDeclare{cp1257}{99}{2122}% TRADE MARK SIGN  
4984 \SE@MapDeclare{cp1257}{9B}{203A}% SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
4985 \SE@MapDeclare{cp1257}{9D}{00AF}% MACRON  
4986 \SE@MapDeclare{cp1257}{9E}{02DB}% OGONEK  
4987 \SE@MapDeclare{cp1257}{A0}{00A0}% NO-BREAK SPACE  
4988 \SE@MapDeclare{cp1257}{A2}{00A2}% CENT SIGN  
4989 \SE@MapDeclare{cp1257}{A3}{00A3}% POUND SIGN  
4990 \SE@MapDeclare{cp1257}{A4}{00A4}% CURRENCY SIGN  
4991 \SE@MapDeclare{cp1257}{A6}{00A6}% BROKEN BAR  
4992 \SE@MapDeclare{cp1257}{A7}{00A7}% SECTION SIGN  
4993 \SE@MapDeclare{cp1257}{A8}{00D8}% LATIN CAPITAL LETTER O WITH STROKE  
4994 \SE@MapDeclare{cp1257}{A9}{00A9}% COPYRIGHT SIGN  
4995 \SE@MapDeclare{cp1257}{AA}{0156}% LATIN CAPITAL LETTER R WITH CEDILLA  
4996 \SE@MapDeclare{cp1257}{AB}{00AB}% LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
4997 \SE@MapDeclare{cp1257}{AC}{00AC}% NOT SIGN  
4998 \SE@MapDeclare{cp1257}{AD}{00AD}% SOFT HYPHEN  
4999 \SE@MapDeclare{cp1257}{AE}{00AE}% REGISTERED SIGN  
5000 \SE@MapDeclare{cp1257}{AF}{00C6}% LATIN CAPITAL LETTER AE  
5001 \SE@MapDeclare{cp1257}{B0}{00B0}% DEGREE SIGN  
5002 \SE@MapDeclare{cp1257}{B1}{00B1}% PLUS-MINUS SIGN  
5003 \SE@MapDeclare{cp1257}{B2}{00B2}% SUPERSCRIT TWO  
5004 \SE@MapDeclare{cp1257}{B3}{00B3}% SUPERSCRIT THREE  
5005 \SE@MapDeclare{cp1257}{B4}{00B4}% ACUTE ACCENT  
5006 \SE@MapDeclare{cp1257}{B5}{00B5}% MICRO SIGN  
5007 \SE@MapDeclare{cp1257}{B6}{00B6}% PILCROW SIGN  
5008 \SE@MapDeclare{cp1257}{B7}{00B7}% MIDDLE DOT  
5009 \SE@MapDeclare{cp1257}{B8}{00F8}% LATIN SMALL LETTER O WITH STROKE  
5010 \SE@MapDeclare{cp1257}{B9}{00B9}% SUPERSCRIT ONE  
5011 \SE@MapDeclare{cp1257}{BA}{0157}% LATIN SMALL LETTER R WITH CEDILLA  
5012 \SE@MapDeclare{cp1257}{BB}{00BB}% RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
5013 \SE@MapDeclare{cp1257}{BC}{00BC}% VULGAR FRACTION ONE QUARTER  
5014 \SE@MapDeclare{cp1257}{BD}{00BD}% VULGAR FRACTION ONE HALF  
5015 \SE@MapDeclare{cp1257}{BE}{00BE}% VULGAR FRACTION THREE QUARTERS  
5016 \SE@MapDeclare{cp1257}{BF}{00E6}% LATIN SMALL LETTER AE  
5017 \SE@MapDeclare{cp1257}{C0}{0104}% LATIN CAPITAL LETTER A WITH OGONEK  
5018 \SE@MapDeclare{cp1257}{C1}{012E}% LATIN CAPITAL LETTER I WITH OGONEK  
5019 \SE@MapDeclare{cp1257}{C2}{0100}% LATIN CAPITAL LETTER A WITH MACRON  
5020 \SE@MapDeclare{cp1257}{C3}{0106}% LATIN CAPITAL LETTER C WITH ACUTE  
5021 \SE@MapDeclare{cp1257}{C4}{00C4}% LATIN CAPITAL LETTER A WITH DIAERESIS  
5022 \SE@MapDeclare{cp1257}{C5}{00C5}% LATIN CAPITAL LETTER A WITH RING ABOVE  
5023 \SE@MapDeclare{cp1257}{C6}{0118}% LATIN CAPITAL LETTER E WITH OGONEK  
5024 \SE@MapDeclare{cp1257}{C7}{0112}% LATIN CAPITAL LETTER E WITH MACRON  
5025 \SE@MapDeclare{cp1257}{C8}{010C}% LATIN CAPITAL LETTER C WITH CARON  
5026 \SE@MapDeclare{cp1257}{C9}{00C9}% LATIN CAPITAL LETTER E WITH ACUTE  
5027 \SE@MapDeclare{cp1257}{CA}{0179}% LATIN CAPITAL LETTER Z WITH ACUTE  
5028 \SE@MapDeclare{cp1257}{CB}{0116}% LATIN CAPITAL LETTER E WITH DOT ABOVE  
5029 \SE@MapDeclare{cp1257}{CC}{0122}% LATIN CAPITAL LETTER G WITH CEDILLA  
5030 \SE@MapDeclare{cp1257}{CD}{0136}% LATIN CAPITAL LETTER K WITH CEDILLA  
5031 \SE@MapDeclare{cp1257}{CE}{012A}% LATIN CAPITAL LETTER I WITH MACRON  
5032 \SE@MapDeclare{cp1257}{CF}{013B}% LATIN CAPITAL LETTER L WITH CEDILLA  
5033 \SE@MapDeclare{cp1257}{D0}{0160}% LATIN CAPITAL LETTER S WITH CARON  
5034 \SE@MapDeclare{cp1257}{D1}{0143}% LATIN CAPITAL LETTER N WITH ACUTE  
5035 \SE@MapDeclare{cp1257}{D2}{0145}% LATIN CAPITAL LETTER N WITH CEDILLA  
5036 \SE@MapDeclare{cp1257}{D3}{00D3}% LATIN CAPITAL LETTER O WITH ACUTE  
5037 \SE@MapDeclare{cp1257}{D4}{014C}% LATIN CAPITAL LETTER O WITH MACRON  
5038 \SE@MapDeclare{cp1257}{D5}{00D5}% LATIN CAPITAL LETTER O WITH TILDE  
5039 \SE@MapDeclare{cp1257}{D6}{00D6}% LATIN CAPITAL LETTER O WITH DIAERESIS  
5040 \SE@MapDeclare{cp1257}{D7}{00D7}% MULTIPLICATION SIGN  
5041 \SE@MapDeclare{cp1257}{D8}{0172}% LATIN CAPITAL LETTER U WITH OGONEK  
5042 \SE@MapDeclare{cp1257}{D9}{0141}% LATIN CAPITAL LETTER L WITH STROKE  
5043 \SE@MapDeclare{cp1257}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE  
5044 \SE@MapDeclare{cp1257}{DA}{015A}% LATIN CAPITAL LETTER S WITH ACUTE

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5045 \SE@MapDeclare{cp1257}{DB}{016A}% LATIN CAPITAL LETTER U WITH MACRON
5046 \SE@MapDeclare{cp1257}{DC}{00DC}% LATIN CAPITAL LETTER U WITH DIAERESIS
5047 \SE@MapDeclare{cp1257}{DD}{017B}% LATIN CAPITAL LETTER Z WITH DOT ABOVE
5048 \SE@MapDeclare{cp1257}{DE}{017D}% LATIN CAPITAL LETTER Z WITH CARON
5049 \SE@MapDeclare{cp1257}{DF}{00DF}% LATIN SMALL LETTER SHARP S
5050 \SE@MapDeclare{cp1257}{E0}{0105}% LATIN SMALL LETTER A WITH OGONEK
5051 \SE@MapDeclare{cp1257}{E1}{012F}% LATIN SMALL LETTER I WITH OGONEK
5052 \SE@MapDeclare{cp1257}{E2}{0101}% LATIN SMALL LETTER A WITH MACRON
5053 \SE@MapDeclare{cp1257}{E3}{0107}% LATIN SMALL LETTER C WITH ACUTE
5054 \SE@MapDeclare{cp1257}{E4}{00E4}% LATIN SMALL LETTER A WITH DIAERESIS
5055 \SE@MapDeclare{cp1257}{E5}{00E5}% LATIN SMALL LETTER A WITH RING ABOVE
5056 \SE@MapDeclare{cp1257}{E6}{0119}% LATIN SMALL LETTER E WITH OGONEK
5057 \SE@MapDeclare{cp1257}{E7}{0113}% LATIN SMALL LETTER E WITH MACRON
5058 \SE@MapDeclare{cp1257}{E8}{010D}% LATIN SMALL LETTER C WITH CARON
5059 \SE@MapDeclare{cp1257}{E9}{00E9}% LATIN SMALL LETTER E WITH ACUTE
5060 \SE@MapDeclare{cp1257}{EA}{017A}% LATIN SMALL LETTER Z WITH ACUTE
5061 \SE@MapDeclare{cp1257}{EB}{0117}% LATIN SMALL LETTER E WITH DOT ABOVE
5062 \SE@MapDeclare{cp1257}{EC}{0123}% LATIN SMALL LETTER G WITH CEDILLA
5063 \SE@MapDeclare{cp1257}{ED}{0137}% LATIN SMALL LETTER K WITH CEDILLA
5064 \SE@MapDeclare{cp1257}{EE}{012B}% LATIN SMALL LETTER I WITH MACRON
5065 \SE@MapDeclare{cp1257}{EF}{013C}% LATIN SMALL LETTER L WITH CEDILLA
5066 \SE@MapDeclare{cp1257}{F0}{0161}% LATIN SMALL LETTER S WITH CARON
5067 \SE@MapDeclare{cp1257}{F1}{0144}% LATIN SMALL LETTER N WITH ACUTE
5068 \SE@MapDeclare{cp1257}{F2}{0146}% LATIN SMALL LETTER N WITH CEDILLA
5069 \SE@MapDeclare{cp1257}{F3}{00F3}% LATIN SMALL LETTER O WITH ACUTE
5070 \SE@MapDeclare{cp1257}{F4}{014D}% LATIN SMALL LETTER O WITH MACRON
5071 \SE@MapDeclare{cp1257}{F5}{00F5}% LATIN SMALL LETTER O WITH TILDE
5072 \SE@MapDeclare{cp1257}{F6}{00F6}% LATIN SMALL LETTER O WITH DIAERESIS
5073 \SE@MapDeclare{cp1257}{F7}{00F7}% DIVISION SIGN
5074 \SE@MapDeclare{cp1257}{F8}{0173}% LATIN SMALL LETTER U WITH OGONEK
5075 \SE@MapDeclare{cp1257}{F9}{0142}% LATIN SMALL LETTER L WITH STROKE
5076 \SE@MapDeclare{cp1257}{FA}{015B}% LATIN SMALL LETTER S WITH ACUTE
5077 \SE@MapDeclare{cp1257}{FB}{016B}% LATIN SMALL LETTER U WITH MACRON
5078 \SE@MapDeclare{cp1257}{FC}{00FC}% LATIN SMALL LETTER U WITH DIAERESIS
5079 \SE@MapDeclare{cp1257}{FD}{017C}% LATIN SMALL LETTER Z WITH DOT ABOVE
5080 \SE@MapDeclare{cp1257}{FE}{017E}% LATIN SMALL LETTER Z WITH CARON
5081 \SE@MapDeclare{cp1257}{FF}{02D9}% DOT ABOVE
5082 \</cp1257>

```

## 3 Test

### 3.1 Catcode checks for loading

```

5083 {*test1}
5084 \NeedsTeXFormat{LaTeX2e}
5085 \nofiles
5086 \documentclass{minimal}
5087 \makeatletter
5088
5089 \newcommand*{\RestoreCatcodes}{%
5090 \count@=0 %
5091 \loop
5092 \edef\RestoreCatcodes{%
5093 \RestoreCatcodes
5094 \catcode\the\count@=\the\catcode\count@\relax
5095 }%
5096 \ifnum\count@<255 %
5097 \advance\count@\@ne
5098 \repeat
5099
5100 \newcommand*{\RangeCatcodeInvalid}[2]{%
5101 \count@=#1\relax
5102 \loop
5103 \catcode\count@=15 %
5104 \ifnum\count@<#2\relax
5105 \advance\count@\@ne
5106 \repeat
5107 }
5108 \def\Test{%
5109 \RangeCatcodeInvalid{0}{47}%
5110 \RangeCatcodeInvalid{58}{64}%
5111 \RangeCatcodeInvalid{91}{96}%

```

```

5112 \RangeCatcodeInvalid{123}{255}%
5113 \catcode`\@=12 %
5114 \catcode`\=0 %
5115 \catcode`\{=1 %
5116 \catcode`\}=2 %
5117 \catcode`\#=6 %
5118 \catcode`\[=12 %
5119 \catcode`\]=12 %
5120 \catcode`\%=14 %
5121 \catcode`\ =10 %
5122 \catcode13=5 %
5123 \usepackage{stringenc}[2016/05/16]%
5124 \RestoreCatcodes
5125 }
5126 \Test
5127
5128 \ifx\numexpr\relax
5129 \expandafter\@@end
5130 \fi
5131
5132 \usepackage{qstest}
5133 \IncludeTests{*}
5134 \LogTests{log}{*}{*}
5135 \def\Test#1{%
5136 \begin{qstest}{loading}{loading}%
5137 % \RangeCatcodeInvalid{0}{47}%
5138 % % 0-9
5139 % \RangeCatcodeInvalid{58}{64}%
5140 % % A-Z
5141 % \RangeCatcodeInvalid{91}{96}%
5142 % % a-z
5143 % \RangeCatcodeInvalid{123}{255}%
5144 \setbox0=\hbox{%
5145 \def\par{p}%
5146 \RangeCatcodeInvalid{0}{255}%
5147 \StringEncodingLoad{#1}%
5148 }%
5149 \Expect*{\the\wd0}{0.0pt}%
5150 \end{qstest}%
5151 }
5152 \@for\x:=\StringEncodingList\do{%
5153 \Test\x
5154 }
5155 \@@end
5156 </test1>

```

## 3.2 Conversion tests

```

5157 <*test2>
5158 \NeedsTeXFormat{LaTeX2e}
5159 \nofiles
5160 \documentclass{minimal}
5161
5162 \ifx\plainmode Y
5163 \let\SavedNumexpr\numexpr
5164 \let\numexpr\relax
5165 \fi
5166 \usepackage{stringenc}[2016/05/16]
5167 \ifx\plainmode Y
5168 \let\numexpr\SavedNumexpr
5169 \fi
5170 \usepackage{qstest}
5171 \IncludeTests{*}

```

```

5172 \LogTests{log}{*}{*}
5173
5174 \def\Test#1#2#3#4#5{%
5175   \begingroup
5176   \edef\x{\endgroup
5177     \noexpand\TestTest{#1}{#2}{#3}{#4}#5||\noexpand\NIL
5178   }%
5179   \x
5180 }
5181 \def\TestTest#1#2#3#4#5|#6|#7\NIL{%
5182   \begin{qstest}{encodings}{encodings, conversion}%
5183     \setbox0=\hbox{%
5184       \def\par{p}%
5185       \EdefUnescapeHex\IN{#4}%
5186       \StringEncodingConvert\RESULT\IN{#1}{#2}%
5187       \EdefEscapeHex\RESULT\RESULT
5188       \Expect*{\RESULT}*{#5#6}%
5189       \Expect*{\StringEncodingSuccessFailure{true}{false}}{#3}%
5190       \StringEncodingSuccessFailure{}{%
5191         \StringEncodingConvertTest\RESULT\IN{#1}{#2}{%
5192           }{%
5193             \EdefEscapeHex\RESULT\RESULT
5194             \Expect*{\RESULT}{#5}%
5195           }%
5196         }%
5197       }%
5198       \Expect*{\the\wd0}{0.0pt}%
5199     \end{qstest}%
5200 }
5201
5202 \def\AllBytesLow{%
5203   000102030405060708090A0B0C0D0E0F101112131415161718191A1B1C1D1E1F%
5204   202122232425262728292A2B2C2D2E2F303132333435363738393A3B3C3D3E3F%
5205   404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F%
5206   606162636465666768696A6B6C6D6E6F707172737475767778797A7B7C7D7E7F%
5207 }
5208 \def\AllBytesHigh{%
5209   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E9F%
5210   A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BAB-
5211   BCBDBEBF%
5212   C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADB-
5213   DCDDDEDDF%
5214   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFD-
5215   FFFF%
5216 }
5217 \def\AllBytes{%
5218   \AllBytesLow
5219   \AllBytesHigh
5220 }
5221 \def\AllUnicodeLow{%
5222   0000000100020003000400050006000700080009000A000B000C000D000E000F%
5223   0010001100120013001400150016001700180019001A001B001C001D001E001F%
5224   0020002100220023002400250026002700280029002A002B002C002D002E002F%
5225   0030003100320033003400350036003700380039003A003B003C003D003E003F%
5226   0040004100420043004400450046004700480049004A004B004C004D004E004F%
5227   0050005100520053005400550056005700580059005A005B005C005D005E005F%
5228   0060006100620063006400650066006700680069006A006B006C006D006E006F%
5229   0070007100720073007400750076007700780079007A007B007C007D007E007F%
5230 }

```

### 3.2.1 UTF8/16/32 encodings

```

5228 \Test{utf16be}{utf16be}{true}%
5229 {004D04304E8CD800DF02}%

```

```

5230 {004D04304E8CD800DF02}%
5231 \Test{utf16}{utf16be}{true}%
5232 {004D04304E8CD800DF02}%
5233 {004D04304E8CD800DF02}%
5234 \Test{utf16be}{utf16}{true}%
5235 {004D04304E8CD800DF02}%
5236 {004D04304E8CD800DF02}%
5237 \Test{utf16}{utf16}{true}%
5238 {004D04304E8CD800DF02}%
5239 {004D04304E8CD800DF02}%
5240 \Test{utf16}{utf16}{true}%
5241 {FEFF004D04304E8CD800DF02}%
5242 {004D04304E8CD800DF02}%
5243 \Test{utf16}{utf16}{true}%
5244 {FFFE4D0030048C4E00D802DF}%
5245 {004D04304E8CD800DF02}%
5246 \Test{utf16be}{utf32be}{true}%
5247 {004D04304E8CD800DF02}%
5248 {0000004D0000043000004E8C00010302}%
5249 \Test{utf16be}{utf32le}{true}%
5250 {004D04304E8CD800DF02}%
5251 {4D000000300400008C4E000002030100}%
5252 \Test{utf32be}{utf16}{true}%
5253 {0000004D0000043000004E8C00010302}%
5254 {004D04304E8CD800DF02}%
5255 \Test{utf32le}{utf16}{true}%
5256 {4D000000300400008C4E000002030100}%
5257 {004D04304E8CD800DF02}%
5258 \Test{utf32}{utf16}{true}%
5259 {0000004D0000043000004E8C00010302}%
5260 {004D04304E8CD800DF02}%
5261 \Test{utf32}{utf16}{true}%
5262 {0000FEFF0000004D0000043000004E8C00010302}%
5263 {004D04304E8CD800DF02}%
5264 \Test{utf32}{utf16}{true}%
5265 {FFFE00004D000000300400008C4E000002030100}%
5266 {004D04304E8CD800DF02}%
5267 \Test{utf32be}{utf16be}{false}{FFFFFFFF}{-}
5268 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF}{004D}
5269 \Test{utf32be}{utf16be}{false}{FFFFFFFF0000004D}{|004D}
5270 \Test{utf32be}{utf16be}{false}{0000004DFFFFFFFF00000430}{004D|0430}
5271 \Test{utf32be}{utf16be}{false}{FFFFFFFF0000004DFFFFFFFF}{|004D}
5272 \Test{utf32be}{utf16be}{false}{FFFFFF}{-}
5273 \Test{utf32be}{utf16be}{false}{0000004DFFFFFF}{004D}
5274 \Test{utf32be}{utf16be}{false}{FFFFFF0000004D}{-}
5275 \Test{utf32be}{utf16be}{false}{0000004DFFFFFF00000430}{004D}
5276 \Test{utf32be}{utf16be}{false}{FFFFFF0000004DFFFFFF}{|4DFF}
5277 \Test{utf32be}{utf16be}{false}{FFFF}{-}
5278 \Test{utf32be}{utf16be}{false}{0000004DFFFF}{004D}
5279 \Test{utf32be}{utf16be}{false}{FFFF0000004D}{-}
5280 \Test{utf32be}{utf16be}{false}{0000004DFFFF00000430}{004D}
5281 \Test{utf32be}{utf16be}{false}{FF}{-}
5282 \Test{utf32be}{utf16be}{false}{0000004DFF}{004D}
5283 \Test{utf32be}{utf16be}{false}{FF0000004D}{-}
5284 \Test{utf32be}{utf16be}{false}{0000004DFF00000430}{004D}
5285 \Test{utf16be}{utf32be}{true}{DBBFDFFF}{000FFFFF}
5286 \Test{utf16be}{utf8}{true}%
5287 {004D04304E8CD800DF02}%
5288 {4DD0B0E4BA8CF0908C82}%
5289 \Test{utf32}{utf8}{true}%
5290 {000000000000007F000000800000FFFF000100000010FFFF}%
5291 {007FC280EFBFBFF0908080F48FBFBF}%

```

5292 \Test{utf8}{utf16}{true}%  
5293 {007FC280EFBFBFF0908080F48FBFBF}%  
5294 {0000007F0080FFFFD800DC00DBFFDFFF}%  
5295 \Test{utf16}{utf32}{true}%  
5296 {0000007F0080FFFFD800DC00DBFFDFFF}%  
5297 {000000000000007F000000800000FFFF000100000010FFFF}%  
5298 \Test{utf8}{utf32}{true}%  
5299 {007FC280EFBFBFF0908080F48FBFBF}%  
5300 {000000000000007F000000800000FFFF000100000010FFFF}%  
5301 \Test{utf8}{utf16}{false}{64F57F}{|0064007F}  
5302 \Test{utf8}{utf16}{false}{64FE7F}{|0064007F}  
5303 \Test{utf8}{utf16}{false}{64FF7F}{|0064007F}  
5304 \Test{utf8}{utf16}{false}{80}{}  
5305 \Test{utf8}{utf16}{false}{7F807F}{007F|007F}  
5306 \Test{utf8}{utf16}{false}{C0}{}  
5307 \Test{utf8}{utf16}{false}{7FC07F}{|007F007F}  
5308 \Test{utf8}{utf16}{false}{C1}{}  
5309 \Test{utf8}{utf16}{false}{7FC17F}{|007F007F}  
5310 \Test{utf8}{utf16}{false}{C080}{}  
5311 \Test{utf8}{utf16}{false}{C2}{}  
5312 \Test{utf8}{utf16}{false}{C2CF}{}  
5313 \Test{utf8}{utf16}{false}{12C27F}{0012|007F}  
5314 \Test{utf8}{utf16}{true}{C280}{0080}  
5315 \Test{utf8}{utf16}{true}{DFBF}{07FF}  
5316 \Test{utf8}{utf16}{false}{E0}{}  
5317 \Test{utf8}{utf16}{false}{E07F}{|007F}  
5318 \Test{utf8}{utf16}{false}{E0A0}{}  
5319 \Test{utf8}{utf16}{false}{E0A07F}{|007F}  
5320 \Test{utf8}{utf16}{false}{E08080}{}  
5321 \Test{utf8}{utf16}{false}{E080807F}{|007F}  
5322 \Test{utf8}{utf16}{true}{ED8080}{D000}  
5323 \Test{utf8}{utf16}{true}{ED9FBF}{D7FF}  
5324 \Test{utf8}{utf16}{true}{EE8080}{E000}  
5325 \Test{utf8}{utf16}{true}{EFBFBF}{FFFF}  
5326 \Test{utf8}{utf32}{false}{F0}{}  
5327 \Test{utf8}{utf32}{false}{F07F}{|0000007F}  
5328 \Test{utf8}{utf32}{false}{F090}{}  
5329 \Test{utf8}{utf32}{false}{F0907F}{|0000007F}  
5330 \Test{utf8}{utf32}{false}{F09080}{}  
5331 \Test{utf8}{utf32}{false}{F090807F}{|0000007F}  
5332 \Test{utf8}{utf32}{true}{F0908080}{00010000}  
5333 \Test{utf8}{utf32}{false}{F0808080}{}  
5334 \Test{utf8}{utf32}{false}{F08080807F}{|0000007F}  
5335 \Test{utf8}{utf32}{true}{F1808080}{00040000}  
5336 \Test{utf8}{utf32}{true}{F3BFBFBF}{000FFFFF}  
5337 \Test{utf8}{utf32}{true}{F4808080}{00100000}  
5338 \Test{utf8}{utf32}{true}{F48FBFBF}{0010FFFF}  
5339 \Test{utf8}{utf32}{false}{F4BFBFBF}{}  
5340 \Test{utf8}{utf32}{false}{F4BFBFBF7F}{|0000007F}  
5341 \Test{utf16be}{utf8}{true}{0000}{00}  
5342 \Test{utf16be}{utf8}{true}{007F}{7F}  
5343 \Test{utf16be}{utf8}{true}{0080}{C280}  
5344 \Test{utf16be}{utf8}{true}{07FF}{DFBF}  
5345 \Test{utf16be}{utf8}{true}{0800}{E0A080}  
5346 \Test{utf16be}{utf8}{true}{0FFF}{E0BFBF}  
5347 \Test{utf16be}{utf8}{true}{1000}{E18080}  
5348 \Test{utf16be}{utf8}{true}{CFFF}{ECBFBF}  
5349 \Test{utf16be}{utf8}{true}{D000}{ED8080}  
5350 \Test{utf16be}{utf8}{true}{D7FF}{ED9FBF}  
5351 \Test{utf16be}{utf8}{false}{D800}{}  
5352 \Test{utf16be}{utf8}{false}{DFFF}{}  
5353 \Test{utf16be}{utf8}{true}{E000}{EE8080}

```

5354 \Test{utf16be}{utf8}{true}{FFFF}{EFBFBF}
5355 \Test{utf32be}{utf8}{true}{00010000}{F0908080}
5356 \Test{utf32be}{utf8}{true}{0003FFFF}{F0BFBFBF}
5357 \Test{utf32be}{utf8}{true}{00040000}{F1808080}
5358 \Test{utf32be}{utf8}{true}{000FFFFFF}{F3BFBFBF}
5359 \Test{utf32be}{utf8}{true}{00100000}{F4808080}
5360 \Test{utf32be}{utf8}{true}{0010FFFF}{F48FBFBF}
5361 \Test{utf32be}{utf8}{false}{00110000}{}
5362 \Test{utf32be}{utf8}{false}{00110000000007F}{|7F}

```

### 3.2.2 ASCII

```

5363 \Test{ascii}{utf8}{true}{007F}{007F}
5364 \Test{ascii}{utf8}{false}{80}{}
5365 \Test{ascii}{utf8}{false}{80}{}
5366 \Test{ascii}{utf8}{false}{807F}{|7F}
5367 \Test{utf16be}{ascii}{true}{0000007F}{007F}
5368 \Test{utf16be}{ascii}{false}{0080}{}
5369 \Test{utf16be}{ascii}{false}{0430}{}
5370 \Test{utf16be}{ascii}{false}{D800DF02}{}
5371 \Test{utf16be}{ascii}{false}{D800DF02007F}{|7F}
5372 \Test{ascii}{utf16be}{true}\AllBytesLow\AllUnicodeLow
5373 \Test{utf16be}{ascii}{true}\AllUnicodeLow\AllBytesLow

```

### 3.2.3 PDFDocEncoding

```

5374 \def\pdfdocSlots{%
5375   090A0D18191A1B1C1D1E1F%
5376   202122232425262728292A2B2C2D2E2F303132333435363738393A3B3C3D3E3F%
5377   404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F%
5378   606162636465666768696A6B6C6D6E6F707172737475767778797A7B7C7D7E%
5379   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E%
5380   A0A1A2A3A4A5A6A7A8A9AAABACAFAFB0B1B2B3B4B5B6B7B8B9BABB-
   BCBDBEBF%
5381   C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADB-
   DCDDDEDF%
5382   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFD-
   FFEFF%
5383 }
5384 \def\pdfdocUnicode{%
5385   0009000A000D02D802C702C602D902DD02DB02DA02DC%
5386   0020002100220023002400250026002700280029002A002B002C002D002E002F%
5387   0030003100320033003400350036003700380039003A003B003C003D003E003F%
5388   0040004100420043004400450046004700480049004A004B004C004D004E004F%
5389   0050005100520053005400550056005700580059005A005B005C005D005E005F%
5390   0060006100620063006400650066006700680069006A006B006C006D006E006F%
5391   0070007100720073007400750076007700780079007A007B007C007D007E%
5392   202220202021202620142013019220442039203A22122030201E201C201D2018%
5393   2019201A2122FB01FB020141015201600178017D0131014201530161017E%
5394   20AC00A100A200A300A400A500A600A700A800A900AA00AB00AC00AE00AF%
5395   00B000B100B200B300B400B500B600B700B800B900BA00BB00BC00BD00BE00BF%
5396   00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5397   00D000D100D200D300D400D500D600D700D800D900DA00DB00DC00DD00DE00DF%
5398   00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5399   00F000F100F200F300F400F500F600F700F800F900FA00FB00FC00FD00FE00FF%
5400 }
5401 \Test{pdfdoc}{utf16be}{false}%
5402 {0001020304050607080B0C0E0F10111213141516177F9FAD}%
5403 {}%
5404 \Test{pdfdoc}{utf16be}{true}\pdfdocSlots\pdfdocUnicode
5405 \Test{pdfdoc}{utf16be}{false}\AllBytes{|\pdfdocUnicode}%
5406 \Test{utf16be}{pdfdoc}{true}\pdfdocUnicode\pdfdocSlots
5407 \Test{utf16be}{pdfdoc}{true}{FEFF0054006500730074}{54657374}

```

### 3.2.4 ISO-8859-1



```

5408 \Test{iso-8859-1}{utf16be}{true}{007FA0FF}{0000007F00A000FF}
5409 \Test{iso-8859-1}{utf16be}{false}{80}{}
5410 \Test{iso-8859-1}{utf16be}{false}{807F}{|007F}
5411 \Test{iso-8859-1}{utf16be}{false}{9F}{}
5412 \Test{iso-8859-1}{utf16be}{false}{9F7F}{|007F}

```

### 3.2.5 CP1252

```

5413 \def\Slots{%
5414   \AllBytesLow
5415   8082838485868788898A8B8C8E9192939495969798999A9B9C9E9F%
5416   A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BAB-
      BCBDBEBF%
5417   C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADB-
      DCDDDEDF%
5418   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFD-
      FFFF%
5419 }
5420 \def\Unicode{%
5421   \AllUnicodeLow
5422   20AC201A0192201E20262020202102C62030016020390152017D%
5423   182019201C201D20222013201402DC21220161203A0153017E0178%
5424   00A000A100A200A300A400A500A600A700A800A900AA00AB00AC00AD00AE00AF%
5425   00B000B100B200B300B400B500B600B700B800B900BA00BB00BC00BD00BE00BF%
5426   00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5427   00D000D100D200D300D400D500D600D700D800D900DA00DB00DC00DD00DE00DF%
5428   00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5429   00F000F100F200F300F400F500F600F700F800F900FA00FB00FC00FD00FE00FF%
5430 }
5431 \Test{cp1252}{utf16be}{false}{818D8F909D}{}
5432 \Test{cp1252}{utf16be}{true}\Slots\Unicode
5433 \Test{utf16be}{cp1252}{true}\Unicode\Slots

```

### 3.2.6 KOI8-R

```

5434 \def\Slots{%
5435   \AllBytesLow
5436   808182838485868788898A8B8C8D8E8F909192939495969798999A9B9C9D9E9F%
5437   A0A1A2A3A4A5A6A7A8A9AAABACADAEAFB0B1B2B3B4B5B6B7B8B9BAB-
      BCBDBEBF%
5438   C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD0D1D2D3D4D5D6D7D8D9DADB-
      DCDDDEDF%
5439   E0E1E2E3E4E5E6E7E8E9EAEBECEDEEEEFF0F1F2F3F4F5F6F7F8F9FAFBFCFD-
      FFFF%
5440 }
5441 \def\Unicode{%
5442   \AllUnicodeLow
5443   25002502250C251025142518251C2524252C2534253C258025842588258C2590%
5444   259125922593232025A02219221A22482264226500A0232100B000B200B700F7%
5445   25502551255204512553255425552556255725582559255A255B255C255D255E%
5446   255F25602561040125622563256425652566256725682569256A256B256C00A9%
5447   044E0430043104460434043504440433044504380439043A043B043C043D043E%
5448   043F044F044004410442044304360432044C044B04370448044D04490447044A%
5449   042E0410041104260414041504240413042504180419041A041B041C041D041E%
5450   041F042F042004210422042304160412042C042B04170428042D04290427042A%
5451 }
5452 \Test{koi8-r}{utf16be}{true}\Slots\Unicode
5453 \Test{utf16be}{koi8-r}{true}\Unicode\Slots

```

### 3.2.7 DEC-MCS

```

5454 \def\Slots{%
5455   \AllBytesLow
5456   A1A2A3A5A7A8A9AAABB0B1B2B3B5B6B7B9BABBBBCBDBF%
5457   C0C1C2C3C4C5C6C7C8C9CACBCCCDCECFD1D2D3D4D5D6D7D8D9DADB-
      DCDDDF%

```

```

5458 E0E1E2E3E4E5E6E7E8E9EAEBCEDDEEEFF1F2F3F4F5F6F7F8F9FAFBFCFD%
5459 }
5460 \def\Unicode{%
5461   \AllUnicodeLow
5462   00A100A200A300A500A700A400A900AA00AB%
5463   00B000B100B200B300B500B600B700B900BA00BB00BC00BD00BF%
5464   00C000C100C200C300C400C500C600C700C800C900CA00CB00CC00CD00CE00CF%
5465   00D100D200D300D400D500D6015200D800D900DA00DB00DC017800DF%
5466   00E000E100E200E300E400E500E600E700E800E900EA00EB00EC00ED00EE00EF%
5467   00F100F200F300F400F500F6015300F800F900FA00FB00FC00FF%
5468 }
5469 \Test{dec-mcs}{utf16be}{true}\Slots\Unicode
5470 \Test{dec-mcs}{utf16be}{false}{C0BEC2}{00C0|00C2}
5471 \Test{utf16be}{dec-mcs}{true}\Unicode\Slots

```

### 3.3 Removal of byte order marks

```

5472 \Test{utf16be}{utf16be}{true}{FEFF}{ }
5473 \Test{utf16be}{utf16be}{true}{FFFE}{FFFE}
5474 \Test{utf16le}{utf16le}{true}{FFFE}{ }
5475 \Test{utf16le}{utf16le}{true}{FEFF}{FEFF}
5476 \Test{utf32be}{utf32be}{true}{0000FEFF}{ }
5477 \Test{utf32be}{utf32be}{true}{0000FFFE}{0000FFFE}
5478 \Test{utf32le}{utf32le}{true}{FFFE0000}{ }
5479 \Test{utf32le}{utf32le}{true}{FEFF0000}{FEFF0000}
5480 \csname @@end\endcsname
5481 </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://ctan.org/pkg/stringenc>

### 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>	<code>→ tex/generic/oberdiek/stringenc.sty</code>
<code>se-utf32be.def</code>	<code>→ tex/generic/oberdiek/se-utf32be.def</code>
<code>se-utf32le.def</code>	<code>→ tex/generic/oberdiek/se-utf32le.def</code>
<code>se-utf8.def</code>	<code>→ tex/generic/oberdiek/se-utf8.def</code>
<code>se-utf16le.def</code>	<code>→ tex/generic/oberdiek/se-utf16le.def</code>
<code>se-pdfdoc.def</code>	<code>→ tex/generic/oberdiek/se-pdfdoc.def</code>
<code>se-iso-8859-1.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-1.def</code>
<code>se-cp1252.def</code>	<code>→ tex/generic/oberdiek/se-cp1252.def</code>
<code>se-ascii.def</code>	<code>→ tex/generic/oberdiek/se-ascii.def</code>
<code>se-ascii-print.def</code>	<code>→ tex/generic/oberdiek/se-ascii-print.def</code>
<code>se-clean7bit.def</code>	<code>→ tex/generic/oberdiek/se-clean7bit.def</code>
<code>se-iso-8859-2.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-2.def</code>
<code>se-iso-8859-3.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-3.def</code>
<code>se-iso-8859-4.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-4.def</code>
<code>se-iso-8859-5.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-5.def</code>
<code>se-iso-8859-6.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-6.def</code>
<code>se-iso-8859-7.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-7.def</code>
<code>se-iso-8859-8.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-8.def</code>
<code>se-iso-8859-9.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-9.def</code>
<code>se-iso-8859-10.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-10.def</code>
<code>se-iso-8859-11.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-11.def</code>
<code>se-iso-8859-13.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-13.def</code>
<code>se-iso-8859-14.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-14.def</code>
<code>se-iso-8859-15.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-15.def</code>
<code>se-iso-8859-16.def</code>	<code>→ tex/generic/oberdiek/se-iso-8859-16.def</code>
<code>se-koi8-r.def</code>	<code>→ tex/generic/oberdiek/se-koi8-r.def</code>
<code>se-nextstep.def</code>	<code>→ tex/generic/oberdiek/se-nextstep.def</code>
<code>se-mac-centeuro.def</code>	<code>→ tex/generic/oberdiek/se-mac-centeuro.def</code>
<code>se-mac-cyrillic.def</code>	<code>→ tex/generic/oberdiek/se-mac-cyrillic.def</code>
<code>se-mac-roman.def</code>	<code>→ tex/generic/oberdiek/se-mac-roman.def</code>
<code>se-dec-mcs.def</code>	<code>→ tex/generic/oberdiek/se-dec-mcs.def</code>
<code>se-cp437.def</code>	<code>→ tex/generic/oberdiek/se-cp437.def</code>
<code>se-cp850.def</code>	<code>→ tex/generic/oberdiek/se-cp850.def</code>
<code>se-cp852.def</code>	<code>→ tex/generic/oberdiek/se-cp852.def</code>
<code>se-cp855.def</code>	<code>→ tex/generic/oberdiek/se-cp855.def</code>
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<code>se-cp866.def</code>	<code>→ tex/generic/oberdiek/se-cp866.def</code>
<code>se-cp1250.def</code>	<code>→ tex/generic/oberdiek/se-cp1250.def</code>
<code>se-cp1251.def</code>	<code>→ tex/generic/oberdiek/se-cp1251.def</code>
<code>se-cp1257.def</code>	<code>→ tex/generic/oberdiek/se-cp1257.def</code>
<code>stringenc.pdf</code>	<code>→ doc/latex/oberdiek/stringenc.pdf</code>
<code>test/stringenc-test1.tex</code>	<code>→ doc/latex/oberdiek/test/stringenc-test1.tex</code>
<code>test/stringenc-test2.tex</code>	<code>→ doc/latex/oberdiek/test/stringenc-test2.tex</code>
<code>stringenc.dtx</code>	<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  $\text{T}_{\text{E}}\text{X}$  distribution (te $\text{T}_{\text{E}}\text{X}$ , mik $\text{T}_{\text{E}}\text{X}$ , ...) relies on file name databases, you must refresh these. For example, te $\text{T}_{\text{E}}\text{X}$  users run `texhash` or `mktextlsr`.

## 4.5 Some details for the interested

**Unpacking with  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ .** The `.dtx` chooses its action depending on the format:

**plain  $\text{T}_{\text{E}}\text{X}$ :** Run `docstrip` and extract the files.

**$\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ :** Generate the documentation.

If you insist on using  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$  for `docstrip` (really, `docstrip` does not need  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ ), 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 pdf $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ :

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

## 5 Catalogue

The following XML file can be used as source for the  [\$\text{T}\_{\text{E}}\text{X}\$  Catalogue](#). The elements `caption` and `description` are imported from the original XML file from the Catalogue. The name of the XML file in the Catalogue is `stringenc.xml`.

```
5482 <*catalogue>
5483 <?xml version='1.0' encoding='us-ascii'?>
5484 <!DOCTYPE entry SYSTEM 'catalogue.dtd'>
5485 <entry datestamp='$Date$' modifier='$Author$' id='stringenc'>
5486   <name>stringenc</name>
5487   <caption>Converting a string between different encodings.</caption>
5488   <authorref id='auth:oberdiek' />
5489   <copyright owner='Heiko Oberdiek' year='2007-2011' />
5490   <license type='lppl1.3' />
5491   <version number='1.11' />
5492   <description>
5493     This package provides <tt>\StringEncodingConvert</tt> for converting
5494     a string between different encodings.
5495     Both <xref refid='latex'>LaTeX</xref> and
5496     <xref refid='plain'>plain-TeX</xref> are supported.
5497   <p/>
5498   The package is part of the <xref refid='oberdiek'>oberdiek</xref>
5499   bundle.
5500 </description>
5501 <documentation details='Package documentation'
5502   href='ctan:/macros/latex/contrib/oberdiek/stringenc.pdf' />
5503 <ctan file='true' path='/macros/latex/contrib/oberdiek/stringenc.dtx' />
```

```

5504 <miktex location='oberdiek' />
5505 <texlive location='oberdiek' />
5506 <install path='/macros/latex/contrib/oberdiek/oberdiek.tds.zip' />
5507 </entry>
5508 </catalogue>

```

## 6 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 `pdfcmds` for Lua<sub>TEX</sub> support.

### [2007/11/25 v1.5]

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

### [2008/10/27 v1.6]

- Supported encoding list in documentation fixed.

### [2009/12/15 v1.7]

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

### [2010/03/01 v1.8]

- Compatibility with ini-<sub>TEX</sub>.
- Use of package `ltxcmds`.

### [2011/07/26 v1.9]

- Documentation: `pdfdoc` added in encoding list.

[2011/12/02 v1.10]

- Small improvement for `\SE@Nibble@NumToBin` and `\SE@Nibble@NumToHex` if  $\varepsilon$ -TeX is not available (thanks Bruno Le Floch).

[2016/05/16 v1.11]

- Documentation updates.

## 7 Index

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