

# The inputenx package

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2010/01/11 v1.6

## Abstract

This package provides input encodings using standard mappings and covers nearly all slots. Thus it serves as more uptodate replacement for package inputenc.

## Contents

<b>1</b>	<b>Documentation</b>	<b>2</b>
1.1	Definition files	3
1.2	Unicode	4
1.3	Math	4
1.4	Setting the input encoding	4
1.4.1	Encoding as package option	4
1.4.2	\InputEncoding	5
1.4.3	Hooks	5
<b>2</b>	<b>Implementation</b>	<b>5</b>
2.1	Identification	5
2.2	Encoding names	5
2.2.1	Record current encoding names	5
2.2.2	Aliases for encoding names	6
2.3	Package options	7
2.3.1	Declare and process options	7
2.3.2	Load inputenc with encoding options	7
2.3.3	\InputEncoding	7
2.3.4	Option math	8
2.4	Alias encoding file	8
2.5	Encoding files	9
2.5.1	Encoding ascii	9
2.5.2	Encoding atarist	9
2.5.3	Encoding iso-8859-1	14
2.5.4	Encoding iso-8859-2	16
2.5.5	Encoding iso-8859-3	18
2.5.6	Encoding iso-8859-4	21
2.5.7	Encoding iso-8859-5	23
2.5.8	Encoding iso-8859-8	25
2.5.9	Encoding iso-8859-9	27
2.5.10	Encoding iso-8859-10	29
2.5.11	Encoding iso-8859-13	31
2.5.12	Encoding iso-8859-14	34
2.5.13	Encoding iso-8859-15	35
2.5.14	Encoding iso-8859-16	38
2.5.15	Encoding cp437	40
2.5.16	Encoding cp850	44

2.5.17	Encoding cp852	47
2.5.18	Encoding cp855	50
2.5.19	Encoding cp858	52
2.5.20	Encoding cp865	56
2.5.21	Encoding cp866	60
2.5.22	Encoding cp1250	62
2.5.23	Encoding cp1251	65
2.5.24	Encoding cp1252	68
2.5.25	Encoding cp1257	71
2.5.26	Encoding dec-mcs	74
2.5.27	Encoding koi8-r	76
2.5.28	Encoding mac-centeuro	79
2.5.29	Encoding mac-cyrillic	81
2.5.30	Encoding mac-roman	84
2.5.31	Encoding nextstep	88
2.5.32	Non-Unicode additions	91
2.6	Additions for <code>utf8enc.dfu</code>	92
2.7	Name list	95
2.8	Mapping Slot, UC to Encodings	95
2.9	Mapping UC to LICR	95
2.10	Math meaning declarations	95
2.11	Documentation files	97
2.11.1	List of known LICR commands	97
2.11.2	Commented additions for <code>utf8enc.dfu</code>	98
<b>3</b>	<b>Installation</b>	<b>99</b>
3.1	Download	99
3.2	Bundle installation	99
3.3	Package installation	99
3.4	Refresh file name databases	100
3.5	Some details for the interested	100
<b>4</b>	<b>References</b>	<b>101</b>
4.1	Mappings to Unicode	101
<b>5</b>	<b>History</b>	<b>102</b>
[2006/03/05 v1.0]		102
[2007/04/11 v1.1]		102
[2007/06/16 v1.2]		102
[2007/08/16 v1.3]		102
[2009/08/13 v1.4]		102
[2009/12/15 v1.5]		103
[2010/01/11 v1.6]		103
<b>6</b>	<b>Index</b>	<b>103</b>

## 1 Documentation

The original goal was to have a package that allows the selection and defining input encodings by the characters in question itself.

The first stage with encoding definition files is implemented. Encoding definition files are provided with the following properties in comparison to  $\text{\LaTeX}$ 's ones:

- More uptodate and closer to the standards. Updating  $\text{\LaTeX}$  is difficult because of compatibility issues. However this project uses fresh encoding file names, prefixed with `x-`.

- Consequent use of `\DeclareInputText` as suggested by the second edition of “The L<sup>A</sup>T<sub>E</sub>X Companion” [1]. That means that the deprecated `\DeclareInputMath` is not longer used. Instead package `inpmath` is supported by providing declarations using `\DeclareMathMeaning`.
- Encoding names can also be given by various alias names.

The second stage that allows selection of input encoding by mappings between the characters and their glyph names is implemented by package `selinput` [3].

## 1.1 Definition files

The input encoding definition files are prefixed with `x-` to distinguish them from the names package `inputenc` uses. The definition files of `inputenx` may also be used by package `inputenc`, eg.:

```
\usepackage[x-iso-8859-1]{inputenc}
```

As option for package `inputenx` the prefix may be dropped:

```
\usepackage[iso-8859-1]{inputenx}
```

The following definition files are available. The second column lists alternative option names for `inputenx`:

<code>x-ascii.def</code>	<code>ascii</code> , <code>us-ascii</code> , <code>clean7bit</code> , <code>ascii-print</code> , <code>ascii-printable</code>	ASCII encoding, 8bit characters disabled
<code>x-atarist.def</code>	<code>atarist</code> , <code>atari</code>	AtariST encoding
<code>x-cp437.def</code>	<code>cp437</code> , <code>cp437de</code>	Code page 437
<code>x-cp850.def</code>	<code>cp850</code>	Code page 850
<code>x-cp852.def</code>	<code>cp852</code>	Code page 852
<code>x-cp855.def</code>	<code>cp855</code>	Code page 855
<code>x-cp858.def</code>	<code>cp858</code>	Code page 858
<code>x-cp865.def</code>	<code>cp865</code>	Code page 865
<code>x-cp866.def</code>	<code>cp866</code>	Code page 866
<code>x-cp1250.def</code>	<code>cp1250</code>	Code page 1250
<code>x-cp1251.def</code>	<code>cp1251</code>	Code page 1251
<code>x-cp1252.def</code>	<code>cp1252</code> , <code>ansinew</code>	Code page 1252
<code>x-cp1257.def</code>	<code>cp1257</code>	Code page 1257
<code>x-dec-mcs.def</code>	<code>dec-mcs</code> , <code>decmulti</code>	DEC Multinational
<code>x-koi8-r.def</code>	<code>koi8-r</code>	KOI8-R (RFC1489)
<code>x-iso-8859-1.def</code>	<code>iso-8859-1</code> , <code>latin1</code>	ISO-8859-1
<code>x-iso-8859-2.def</code>	<code>iso-8859-2</code> , <code>latin2</code>	ISO-8859-2
<code>x-iso-8859-3.def</code>	<code>iso-8859-3</code> , <code>latin3</code>	ISO-8859-3
<code>x-iso-8859-4.def</code>	<code>iso-8859-4</code> , <code>latin4</code>	ISO-8859-4
<code>x-iso-8859-5.def</code>	<code>iso-8859-5</code> , <code>iso88595</code>	ISO-8859-5
<code>x-iso-8859-9.def</code>	<code>iso-8859-9</code> , <code>latin5</code>	ISO-8859-9
<code>x-iso-8859-10.def</code>	<code>iso-8859-10</code> , <code>latin6</code>	ISO-8859-10
<code>x-iso-8859-13.def</code>	<code>iso-8859-13</code> , <code>latin7</code>	ISO-8859-13
<code>x-iso-8859-14.def</code>	<code>iso-8859-14</code> , <code>latin8</code>	ISO-8859-14
<code>x-iso-8859-15.def</code>	<code>iso-8859-15</code> , <code>latin9</code>	ISO-8859-15
<code>x-iso-8859-16.def</code>	<code>iso-8859-16</code> , <code>latin10</code>	ISO-8859-16
<code>x-mac-centeuro.def</code>	<code>mac-centeuro</code> , <code>mac-ce</code> , <code>macce</code>	MAC OS Central European
<code>x-mac-cyrillic.def</code>	<code>mac-cyrillic</code> , <code>maccyr</code> , <code>mac-ukrainian</code> , <code>macukr</code>	MAC OS Cyrillic
<code>x-mac-roman.def</code>	<code>mac-roman</code> , <code>applemac</code>	MAC OS Roman
<code>x-nextstep</code>	<code>nextstep</code> , <code>next</code>	NextStep Encoding

Some characters need extra packages:

**Box drawings characters** are provided by package `pmboxdraw`. They are used by some older DOS code pages (cp437, cp850, cp852, cp858, cp865).

**Cyrillic characters** need some setup (probably font encoding/package). They are mapped to names that start with `\CYR` (`\CYRYO`, `\CYRDJE`, ...).

**Hebrew characters** need some setup (probably font encoding/package). They are mapped to `\hebralef`, `\hebbet`, ...

**U+2310 REVERSED NOT SIGN** is provided as `\textrevlogicalnot` that uses `\reflectbox` from package `graphics`.

For the following characters I didn't find suitable LICR (L<sup>A</sup>T<sub>E</sub>X Internal Character Representation):

```
\DeclareUnicodeCharacter{200E}{}
% LEFT-TO-RIGHT MARK
% iso-8859-8[0xFD/253]

\DeclareUnicodeCharacter{200F}{}
% RIGHT-TO-LEFT MARK
% iso-8859-8[0xFE/254]

\DeclareUnicodeCharacter{2320}{}
% TOP HALF INTEGRAL
% cp437[0xF4/244] cp865[0xF4/244]

\DeclareUnicodeCharacter{2321}{}
% BOTTOM HALF INTEGRAL
% cp437[0xF5/245] cp865[0xF5/245]

\DeclareUnicodeCharacter{F8FF}{}
% <Private Use, Last>
% mac-roman[0xF0/240]
```

## 1.2 Unicode

File `ix-utf8enc.dfu` provides additions to `inputenc`'s file `utf8enc.dfu`.

## 1.3 Math

The current philosophy of L<sup>A</sup>T<sub>E</sub>X/package `inputenc` is not to declare characters for math only. Instead there is a experimental package `inpmath` that extends package `inputenc`, to change the behaviour of input characters if used in math mode. File `ix-math.def` provides some definitions of math characters. Package option 'math' loads package `inpmath` and loads file `ix-math.cfg`. If `ix-math.cfg` does not exist, `ix-math.def` is loaded instead. (The file `ix-math.cfg` may contain `\input{ix-math.def}`.)

## 1.4 Setting the input encoding

### 1.4.1 Encoding as package option

All other package options are treated as encoding options. Global options are ignored. First The encoding name or one of its aliases can be given as package option. First an alias is dereferenced and then the real encoding name (base name of the encoding definition file is passed to package `inputenc`. `\CurrentInputEncodingName` and `\CurrentInputEncodingOption` are set, see below.

### 1.4.2 `\InputEncoding`

`\InputEncoding {⟨encoding⟩}`

After package `inputenx` is loaded an encoding can be set or changed using `\InputEncoding`. Its `⟨encoding⟩` can be an encoding or alias name. This is similar to `\inputencoding` of package `inputenc`. That remembers the current encoding in macro `\inputencodingname`. However `\InputEncoding` uses remembers the encoding in two macros because of the alias support:

`\CurrentInputEncodingName`  
`\CurrentInputEncodingOption`

`\CurrentInputEncodingName` is the name of the encoding given as option to `\usepackage` or as argument for `\InputEncoding`. This name can also be an alias name. The real encoding name (base file name of the encoding file) is remembered in `\CurrentInputEncodingOption` (option means option for package `inputenc`).

### 1.4.3 Hooks

`\BeforeInputEncoding {⟨code⟩}`  
`\AfterInputEncoding {⟨code⟩}`

`\InputEncoding` supports two hooks that are called at the beginning and the end after the encoding is set. `⟨code⟩` is added to the hooks by `\BeforeInputEncoding` or `\AfterInputEncoding`.

`\InputEncodingNameOld`  
`\InputEncodingOptionOld`  
`\InputEncodingNew`

In the hooks the old encoding names are available as macros `\InputEncodingNameOld` and `\InputEncodingOptionOld`. They store the meaning of `\CurrentInputEncodingName` and `\CurrentInputEncodingOption` before `\InputEncoding`. `\InputEncodingNew` contains the new input encoding given as argument for `\InputEncoding`. In `\BeforeInputEncoding` this macro `\InputEncodingNew` can even be changed to a better encoding name that will then be used to set the input encoding.

## 2 Implementation

### 2.1 Identification

```
1 ⟨*package⟩
2 \NeedsTeXFormat{LaTeX2e}
3 \ProvidesPackage{inputenx}%
4 [2010/01/11 v1.6 Enhanced input encoding handling (HO)]%
```

### 2.2 Encoding names

#### 2.2.1 Record current encoding names

`\CurrentInputEncodingName`

```
5 \providecommand*{\CurrentInputEncodingName}{}%
```

\CurrentInputEncodingOption

```
6 \providecommand*{\CurrentInputEncodingOption}{}%
```

## 2.2.2 Aliases for encoding names

```
7 \def\IEX@LookupEncoding#1{%
8   \edef\CurrentInputEncodingName{#1}%
9   \@onelevel@sanitize\CurrentInputEncodingName
10  \let\CurrentInputEncodingOption\@empty
11  \@ifundefined{IEX@enc@\CurrentInputEncodingName}{%
12    \global\expandafter\let
13    \csname IEX@enc@\CurrentInputEncodingName\endcsname
14    \CurrentInputEncodingName
15    \IEX@DoLookup
16  }{%
17    \edef\CurrentInputEncodingOption{%
18      \csname IEX@enc@\CurrentInputEncodingName\endcsname
19    }%
20    \ifx\CurrentInputEncodingOption\@empty
21      \PackageWarning{inputenx}{%
22        Encoding '\CurrentInputEncodingName' is not available%
23        \MessageBreak
24        and therefore ignored%
25      }%
26    \else
27      \IfFileExists{\CurrentInputEncodingOption.def}{%
28        \PackageInfo{inputenx}{%
29          Encoding name: \CurrentInputEncodingName\MessageBreak
30          Encoding file: \CurrentInputEncodingOption.def\MessageBreak
31        }%
32      }{%
33        \PackageError{inputenx}{%
34          Cannot load encoding '\CurrentInputEncodingName'.\MessageBreak
35          A valid encoding alias was not found and\MessageBreak
36          encoding file '\CurrentInputEncodingOption.def' does not exist%
37        }{\@ehc
38          \global\expandafter\let
39          \csname IEX@enc@\CurrentInputEncodingName\endcsname\@empty
40          \let\CurrentInputEncodingName\@empty
41          \let\CurrentInputEncodingOption\@empty
42        }%
43      \fi
44    }
```

Encoding is in \CurrentInputEncodingName. Search the alias file until an entry is found and define IEX@enc@\CurrentInputEncodingName.

```
45 \def\IEX@DoLookup{%
46   \begingroup
47   \advance\endlinechar\@M
48   \IfFileExists{ix-alias.cfg}{%
49     \input{ix-alias.cfg}%
50   }{%
51     \input{ix-alias.def}%
52   }%
53   \advance\endlinechar-\@M
54 \endgroup
55 }
56 \def\InputenxAlias#1#2{%
57   \edef\IEX@temp{#1}%
58   \@onelevel@sanitize\IEX@temp
59   \ifx\IEX@temp\CurrentInputEncodingName
60     \edef\IEX@temp{#2}%
```

```

61 \onelevel@sanitizex\IEX@temp
62 \IfFileExists{\IEX@temp.def}{%
63 \global\expandafter\let
64 \csname IEX@enc@\CurrentInputEncodingName\endcsname\IEX@temp
65 \expandafter\endinput
66 }{%
67 \PackageWarning{inputenc}{%
68 Missing encoding file '\IEX@temp.def'\MessageBreak
69 for encoding '\CurrentInputEncodingName', continuing%
70 \MessageBreak
71 with lookup search%
72 }%
73 }%
74 \fi
75 }

```

## 2.3 Package options

### 2.3.1 Declare and process options

```

76 \newif\ifIEX@math
77 \DeclareOption{math}{\IEX@mathtrue}
78 \let\IEX@enclist\@empty
79 \DeclareOption*{%
80 \ifx\IEX@enclist\@empty
81 \let\IEX@enclist\CurrentOption
82 \else
83 \edef\IEX@enclist{\IEX@enclist,\CurrentOption}%
84 \fi
85 }
86 \ProcessOptions*

```

### 2.3.2 Load inputenc with encoding options

```

87 \let\IEX@OptionList\@empty
88 \@for\CurrentOption:=\IEX@enclist\do{%
89 \IEX@LookupEncoding\CurrentOption
90 \ifx\CurrentInputEncodingOption\@empty
91 \else
92 \edef\IEX@OptionList{%
93 \ifx\IEX@OptionList\@empty
94 \else
95 \IEX@OptionList,%
96 \fi
97 \CurrentInputEncodingOption
98 }%
99 \fi
100 }
101 \RequirePackage{inputenc}
102 \@for\IEX@Option:=\IEX@OptionList\do{%
103 \inputencoding{\IEX@Option}%
104 }

```

### 2.3.3 \InputEncoding

\IEX@BeforeHook

```
105 \def\IEX@BeforeHook{}
```

\IEX@AfterHook

```
106 \def\IEX@AfterHook{}
```

\BeforeInputEncoding

```

107 \newcommand*\BeforeInputEncoding{%
108 \g@addto@macro\IEX@BeforeHook
109 }

```

`\AfterInputEncoding`

```

110 \newcommand*{\AfterInputEncoding}{%
111   \g@addto@macro\IEX@AfterHook
112 }

```

`\InputEncoding` `\InputEncoding` is basically the same as `\inputencoding` of package `inputenc`. However aliases are supported.

```

113 \newcommand*{\InputEncoding}[1]{%
114   \let\InputEncodingNameOld\CurrentInputEncodingName
115   \let\InputEncodingOptionOld\CurrentInputEncodingOption
116   \edef\InputEncodingNew{#1}%
117   \IEX@BeforeHook
118   \IEX@LookupEncoding\InputEncodingNew
119   \ifx\CurrentInputEncodingOption\@empty
120     \else
121       \inputencoding{\CurrentInputEncodingOption}%
122 %     \ifx\PassOptionsToPackage\@notprerr
123 %       \else
124 %         \expandafter\PassOptionsToPackage\expandafter{%
125 %           \CurrentInputEncodingOption
126 %         }\inputenc}%
127 %       \ifx\CurrentInputEncodingName\CurrentInputEncodingOption
128 %         \else
129 %           \expandafter\PassOptionsToPackage\expandafter{%
130 %             \CurrentInputEncodingName
131 %           }\inputenc}%
132 %       \fi
133 %     \fi
134   \fi
135   \IEX@AfterHook
136 }

```

### 2.3.4 Option math

```

137 \ifIEX@math
138   \RequirePackage{inpmath}%
139   \IfFileExists{ix-math.cfg}{%
140     \input{ix-math.cfg}%
141   }{%
142     \input{ix-math.def}%
143   }%
144 \fi
145 \</package>

```

## 2.4 Alias encoding file

```

146 \<*alias>
147 \ProvidesFile{ix-alias.def}[2010/01/11 v1.6 Alias list (inputenx)]

```

The alias mechanism is also used to hide the prefix `x-`:

```

148 \InputenxAlias{ascii}{x-ascii}
149 \InputenxAlias{atarist}{x-atarist}
150 \InputenxAlias{iso-8859-1}{x-iso-8859-1}
151 \InputenxAlias{iso-8859-2}{x-iso-8859-2}
152 \InputenxAlias{iso-8859-3}{x-iso-8859-3}
153 \InputenxAlias{iso-8859-4}{x-iso-8859-4}
154 \InputenxAlias{iso-8859-5}{x-iso-8859-5}
155 \InputenxAlias{iso-8859-8}{x-iso-8859-8}
156 \InputenxAlias{iso-8859-9}{x-iso-8859-9}
157 \InputenxAlias{iso-8859-10}{x-iso-8859-10}
158 \InputenxAlias{iso-8859-13}{x-iso-8859-13}
159 \InputenxAlias{iso-8859-14}{x-iso-8859-14}
160 \InputenxAlias{iso-8859-15}{x-iso-8859-15}

```



```

161 \InputenxAlias{iso-8859-16}{x-iso-8859-16}
162 \InputenxAlias{cp437}{x-cp437}
163 \InputenxAlias{cp850}{x-cp850}
164 \InputenxAlias{cp852}{x-cp852}
165 \InputenxAlias{cp855}{x-cp855}
166 \InputenxAlias{cp858}{x-cp858}
167 \InputenxAlias{cp865}{x-cp865}
168 \InputenxAlias{cp866}{x-cp866}
169 \InputenxAlias{cp1250}{x-cp1250}
170 \InputenxAlias{cp1251}{x-cp1251}
171 \InputenxAlias{cp1252}{x-cp1252}
172 \InputenxAlias{cp1257}{x-cp1257}
173 \InputenxAlias{dec-mcs}{x-dec-mcs}
174 \InputenxAlias{koi8-r}{x-koi8-r}
175 \InputenxAlias{mac-centeuro}{x-mac-centeuro}
176 \InputenxAlias{mac-cyrillic}{x-mac-cyrillic}
177 \InputenxAlias{mac-roman}{x-mac-roman}
178 \InputenxAlias{nextstep}{x-nextstep}

```

Now the real aliases start:

```

179 \InputenxAlias{ansinew}{x-cp1252}
180 \InputenxAlias{applemac}{x-mac-roman}
181 \InputenxAlias{ascii-print}{x-ascii}
182 \InputenxAlias{ascii-printable}{x-ascii}
183 \InputenxAlias{atarist}{x-atarist}
184 \InputenxAlias{clean7bit}{x-ascii}
185 \InputenxAlias{cp437de}{x-cp437}
186 \InputenxAlias{decmulti}{x-dec-mcs}
187 \InputenxAlias{iso88595}{x-iso-8859-5}
188 \InputenxAlias{latin1}{x-iso-8859-1}
189 \InputenxAlias{latin10}{x-iso-8859-16}
190 \InputenxAlias{latin2}{x-iso-8859-2}
191 \InputenxAlias{latin3}{x-iso-8859-3}
192 \InputenxAlias{latin4}{x-iso-8859-4}
193 \InputenxAlias{latin5}{x-iso-8859-9}
194 \InputenxAlias{latin6}{x-iso-8859-10}
195 \InputenxAlias{latin7}{x-iso-8859-13}
196 \InputenxAlias{latin8}{x-iso-8859-14}
197 \InputenxAlias{latin9}{x-iso-8859-15}
198 \InputenxAlias{mac-ce}{x-mac-centeuro}
199 \InputenxAlias{mac-ukrainian}{x-mac-cyrillic}
200 \InputenxAlias{macce}{x-mac-centeuro}
201 \InputenxAlias{maccyr}{x-mac-cyrillic}
202 \InputenxAlias{macukr}{x-mac-cyrillic}
203 \InputenxAlias{next}{x-nextstep}
204 \InputenxAlias{us-ascii}{x-ascii}
205 </alias>

```

## 2.5 Encoding files

### 2.5.1 Encoding ascii

The encoding file `ascii.def` of package `inputenc` before 2006/03/04 v1.1b generate a unnecessary warning. Therefore a separate variant is provided here.

```

206 <*ascii>
207 \ProvidesFile{x-ascii.def}%
208 [2010/01/11 v1.6 Input encoding ascii (inputenx)]%
209 \csname @inpenc@test\endcsname
210 </ascii>

```

### 2.5.2 Encoding atarist

```

211 <*atarist>
212 \ProvidesFile{x-atarist.def}%

```

```

213 [2010/01/11 v1.6 Input encoding atarist (inputenx)]%
214 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
215 \makeatletter
216 \ProvideTextCommandDefault{\textGamma}{%
217   \ensuremath\Gamma
218 }
219 \ProvideTextCommandDefault{\textOmega}{%
220   \ensuremath\Omega
221 }
222 \ProvideTextCommandDefault{\textPhi}{%
223   \ensuremath\Phi
224 }
225 \ProvideTextCommandDefault{\textSigma}{%
226   \ensuremath\Sigma
227 }
228 \ProvideTextCommandDefault{\textTheta}{%
229   \ensuremath\Theta
230 }
231 \ProvideTextCommandDefault{\textalpha}{%
232   \ensuremath\alpha
233 }
234 \ProvideTextCommandDefault{\textapproxequal}{%
235   \ensuremath\approx
236 }
237 \ProvideTextCommandDefault{\textasciicute}{%
238   \@tabacckludge'{}%
239 }
240 \ProvideTextCommandDefault{\textasciidieresis}{%
241   \{"}%
242 }
243 \ProvideTextCommandDefault{\textasciimacron}{%
244   \@tabacckludge={}%
245 }
246 \ProvideTextCommandDefault{\textbeta}{%
247   \ensuremath\beta
248 }
249 \ProvideTextCommandDefault{\textcap}{%
250   \ensuremath\cap
251 }
252 \ProvideTextCommandDefault{\textcent}{%
253   \TextSymbolUnavailable\textcent
254 }
255 \ProvideTextCommandDefault{\textcontourintegral}{%
256   \ensuremath\oint
257 }
258 \ProvideTextCommandDefault{\textdegree}{%
259   \ensuremath{^\circ}%
260 }
261 \ProvideTextCommandDefault{\textdelta}{%
262   \ensuremath\delta
263 }
264 \ProvideTextCommandDefault{\textdiv}{%
265   \TextSymbolUnavailable\textdiv
266 }
267 \ProvideTextCommandDefault{\textelement}{%
268   \ensuremath\in
269 }
270 \ProvideTextCommandDefault{\textequivalence}{%
271   \ensuremath\equiv
272 }
273 \ProvideTextCommandDefault{\textflorin}{%
274   \textit{f}%

```

```

275 }
276 \ProvideTextCommandDefault{\textgreaterorequal}{%
277   \ensuremath\geq
278 }
279 \ProvideTextCommandDefault{\textinfinity}{%
280   \ensuremath\infty
281 }
282 \ProvideTextCommandDefault{\textintersection}{%
283   \ensuremath\cap
284 }
285 \ProvideTextCommandDefault{\textlessequal}{%
286   \ensuremath\leq
287 }
288 \ProvideTextCommandDefault{\textlnot}{%
289   \ensuremath\not
290 }
291 \ProvideTextCommandDefault{\textmu}{%
292   \ensuremath\mu
293 }
294 \ProvideTextCommandDefault{\textnsuperior}{%
295   \ensuremath{{}^n}%
296 }
297 \ProvideTextCommandDefault{\textonehalf}{%
298   \ensuremath{\frac{1}{2}}%
299 }
300 \ProvideTextCommandDefault{\textonequarter}{%
301   \ensuremath{\frac{1}{4}}%
302 }
303 \ProvideTextCommandDefault{\textphi}{%
304   \ensuremath\phi
305 }
306 \ProvideTextCommandDefault{\textpi}{%
307   \ensuremath\pi
308 }
309 \ProvideTextCommandDefault{\textpm}{%
310   \ensuremath\pm
311 }
312 \ProvideTextCommandDefault{\textrevlogicalnot}{%
313   \begingroup
314     \ifundefined{reflectbox}{%
315       \TextSymbolUnavailable\textrevlogicalnot
316     }{%
317       \def\@revlogicalnot##1##2{%
318         \reflectbox{##1##2}%
319       }%
320       \ensuremath{\mathpalette\@revlogicalnot\not}%
321     }%
322   \endgroup
323 }
324 \ProvideTextCommandDefault{\textsigma}{%
325   \ensuremath\sigma
326 }
327 \ProvideTextCommandDefault{\textsurd}{%
328   \ensuremath\surd
329 }
330 \ProvideTextCommandDefault{\texttau}{%
331   \ensuremath\tau
332 }
333 \ProvideTextCommandDefault{\textthreesuperior}{%
334   \ensuremath{{}^3}%
335 }
336 \ProvideTextCommandDefault{\texttwosuperior}{%

```

```

337 \ensuremath{{}^2}}%
338 }
339 \ProvideTextCommandDefault{\textyen}{%
340 \TextSymbolUnavailable\textyen
341 }
342 \DeclareInputText{128}{\c C}
343 \DeclareInputText{129}{\u}
344 \DeclareInputText{130}{\@tabacckludge'e}
345 \DeclareInputText{131}{\^a}
346 \DeclareInputText{132}{\a}
347 \DeclareInputText{133}{\@tabacckludge'a}
348 \DeclareInputText{134}{\r a}
349 \DeclareInputText{135}{\c c}
350 \DeclareInputText{136}{\^e}
351 \DeclareInputText{137}{\e}
352 \DeclareInputText{138}{\@tabacckludge'e}
353 \DeclareInputText{139}{\i}
354 \DeclareInputText{140}{\^i}
355 \DeclareInputText{141}{\@tabacckludge'i}
356 \DeclareInputText{142}{\A}
357 \DeclareInputText{143}{\r A}
358 \DeclareInputText{144}{\@tabacckludge'E}
359 \DeclareInputText{145}{\ae}
360 \DeclareInputText{146}{\AE}
361 \DeclareInputText{147}{\^o}
362 \DeclareInputText{148}{\o}
363 \DeclareInputText{149}{\@tabacckludge'o}
364 \DeclareInputText{150}{\u}
365 \DeclareInputText{151}{\@tabacckludge'u}
366 \DeclareInputText{152}{\y}
367 \DeclareInputText{153}{\O}
368 \DeclareInputText{154}{\U}
369 \DeclareInputText{155}{\textcent}
370 \DeclareInputText{156}{\textsterling}
371 \DeclareInputText{157}{\textyen}
372 \DeclareInputText{158}{\ss}
373 \DeclareInputText{159}{\textflorin}
374 \DeclareInputText{160}{\@tabacckludge'a}
375 \DeclareInputText{161}{\@tabacckludge'i}
376 \DeclareInputText{162}{\@tabacckludge'o}
377 \DeclareInputText{163}{\@tabacckludge'u}
378 \DeclareInputText{164}{\~n}
379 \DeclareInputText{165}{\~N}
380 \DeclareInputText{166}{\textordfeminine}
381 \DeclareInputText{167}{\textordmasculine}
382 \DeclareInputText{168}{\textquestiondown}
383 \DeclareInputText{169}{\textrevlogicalnot}
384 \DeclareInputText{170}{\textlnot}
385 \DeclareInputText{171}{\textonehalf}
386 \DeclareInputText{172}{\textonequarter}
387 \DeclareInputText{173}{\textexclamdown}
388 \DeclareInputText{174}{\guillemotleft}
389 \DeclareInputText{175}{\guillemotright}
390 \DeclareInputText{176}{\~a}
391 \DeclareInputText{177}{\~o}
392 \DeclareInputText{178}{\O}
393 \DeclareInputText{179}{\o}
394 \DeclareInputText{180}{\oe}
395 \DeclareInputText{181}{\OE}
396 \DeclareInputText{182}{\@tabacckludge'A}
397 \DeclareInputText{183}{\^A}
398 \DeclareInputText{184}{\~O}

```

```

399 \DeclareInputText{185}{\textasciidieresis}
400 \DeclareInputText{186}{\textasciiacute}
401 \DeclareInputText{187}{\textdagger}
402 \DeclareInputText{188}{\textparagraph}
403 \DeclareInputText{189}{\textcopyright}
404 \DeclareInputText{190}{\textregistered}
405 \DeclareInputText{191}{\texttrademark}
406 \DeclareInputText{192}{\ij}
407 \DeclareInputText{193}{\IJ}
408 \DeclareInputText{194}{\hebalef}
409 \DeclareInputText{195}{\hebbet}
410 \DeclareInputText{196}{\hebgimel}
411 \DeclareInputText{197}{\hebdalet}
412 \DeclareInputText{198}{\hebhe}
413 \DeclareInputText{199}{\hebvav}
414 \DeclareInputText{200}{\hebzayin}
415 \DeclareInputText{201}{\hebbhet}
416 \DeclareInputText{202}{\hebtet}
417 \DeclareInputText{203}{\hebyod}
418 \DeclareInputText{204}{\hebkafe}
419 \DeclareInputText{205}{\heblamed}
420 \DeclareInputText{206}{\hebmeme}
421 \DeclareInputText{207}{\hebnun}
422 \DeclareInputText{208}{\hebsamekh}
423 \DeclareInputText{209}{\hebayin}
424 \DeclareInputText{210}{\hebpe}
425 \DeclareInputText{211}{\hebtsadi}
426 \DeclareInputText{212}{\hebqof}
427 \DeclareInputText{213}{\hebreish}
428 \DeclareInputText{214}{\hebshin}
429 \DeclareInputText{215}{\hebtav}
430 \DeclareInputText{216}{\hebfinalnun}
431 \DeclareInputText{217}{\hebfinalkaf}
432 \DeclareInputText{218}{\hebfinalmeme}
433 \DeclareInputText{219}{\hebfinalpe}
434 \DeclareInputText{220}{\hebfinaltsadi}
435 \DeclareInputText{221}{\textsection}
436 \DeclareInputText{222}{\textcap}
437 \DeclareInputText{223}{\textinfinity}
438 \DeclareInputText{224}{\textalpha}
439 \DeclareInputText{225}{\textbeta}
440 \DeclareInputText{226}{\textGamma}
441 \DeclareInputText{227}{\textpi}
442 \DeclareInputText{228}{\textSigma}
443 \DeclareInputText{229}{\textsigma}
444 \DeclareInputText{230}{\textmu}
445 \DeclareInputText{231}{\texttau}
446 \DeclareInputText{232}{\textPhi}
447 \DeclareInputText{233}{\textTheta}
448 \DeclareInputText{234}{\textOmega}
449 \DeclareInputText{235}{\textdelta}
450 \DeclareInputText{236}{\textcontourintegral}
451 \DeclareInputText{237}{\textphi}
452 \DeclareInputText{238}{\textelement}
453 \DeclareInputText{239}{\textintersection}
454 \DeclareInputText{240}{\textequivalence}
455 \DeclareInputText{241}{\textpm}
456 \DeclareInputText{242}{\textgreaterorequal}
457 \DeclareInputText{243}{\textlessequal}
458 \DeclareInputText{244}{\textdiv}
459 \DeclareInputText{245}{\textapproxequal}
460 \DeclareInputText{246}{\textdegree}

```

```

461 \DeclareInputText{249}{\textbullet}
462 \DeclareInputText{250}{\textperiodcentered}
463 \DeclareInputText{251}{\textsurd}
464 \DeclareInputText{252}{\textnsuperior}
465 \DeclareInputText{253}{\texttwosuperior}
466 \DeclareInputText{254}{\textthreesuperior}
467 \DeclareInputText{255}{\textasciimacron}
468 \RestoreAtCatcode
469 \</atarist>

```

### 2.5.3 Encoding iso-8859-1

```

470 <*iso-8859-1>
471 \ProvidesFile{x-iso-8859-1.def}%
472 [2010/01/11 v1.6 Input encoding iso-8859-1 (inputenx)]%
473 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
474 \makeatletter
475 \ProvideTextCommandDefault{\textasciicute}{%
476   \@tabacckludge' }%
477 }
478 \ProvideTextCommandDefault{\textasciidieresis}{%
479   \"{ }%
480 }
481 \ProvideTextCommandDefault{\textasciimacron}{%
482   \@tabacckludge={ }%
483 }
484 \ProvideTextCommandDefault{\textbrokenbar}{%
485   \TextSymbolUnavailable\textbrokenbar
486 }
487 \ProvideTextCommandDefault{\textcent}{%
488   \TextSymbolUnavailable\textcent
489 }
490 \ProvideTextCommandDefault{\textcurrency}{%
491   \TextSymbolUnavailable\textcurrency
492 }
493 \ProvideTextCommandDefault{\textdegree}{%
494   \ensuremath{{}^\circ}}%
495 }
496 \ProvideTextCommandDefault{\textdiv}{%
497   \TextSymbolUnavailable\textdiv
498 }
499 \ProvideTextCommandDefault{\textlnot}{%
500   \ensuremath{\lnot}
501 }
502 \ProvideTextCommandDefault{\textmu}{%
503   \ensuremath{\mu}
504 }
505 \ProvideTextCommandDefault{\textonehalf}{%
506   \ensuremath{\frac{1}{2}}%
507 }
508 \ProvideTextCommandDefault{\textonequarter}{%
509   \ensuremath{\frac{1}{4}}%
510 }
511 \ProvideTextCommandDefault{\textonesuperior}{%
512   \ensuremath{{}^1}}%
513 }
514 \ProvideTextCommandDefault{\textpm}{%
515   \ensuremath{\pm}
516 }
517 \ProvideTextCommandDefault{\textthreequarters}{%
518   \ensuremath{\frac{3}{4}}%
519 }
520 \ProvideTextCommandDefault{\textthreesuperior}{%
521   \ensuremath{{}^3}}%

```

```

522 }
523 \ProvideTextCommandDefault{\texttimes}{%
524   \ensuremath\times
525 }
526 \ProvideTextCommandDefault{\texttwosuperior}{%
527   \ensuremath{{}^2}}%
528 }
529 \ProvideTextCommandDefault{\textyen}{%
530   \TextSymbolUnavailable\textyen
531 }
532 \DeclareInputText{160}{\nobreakspace}
533 \DeclareInputText{161}{\textexclamdown}
534 \DeclareInputText{162}{\textcent}
535 \DeclareInputText{163}{\textsterling}
536 \DeclareInputText{164}{\textcurrency}
537 \DeclareInputText{165}{\textyen}
538 \DeclareInputText{166}{\textbrokenbar}
539 \DeclareInputText{167}{\textsection}
540 \DeclareInputText{168}{\textasciidieresis}
541 \DeclareInputText{169}{\textcopyright}
542 \DeclareInputText{170}{\textordfeminine}
543 \DeclareInputText{171}{\guillemotleft}
544 \DeclareInputText{172}{\textlnot}
545 \DeclareInputText{173}{\textasciicaron}
546 \DeclareInputText{174}{\textregistered}
547 \DeclareInputText{175}{\textasciimacron}
548 \DeclareInputText{176}{\textdegree}
549 \DeclareInputText{177}{\textpm}
550 \DeclareInputText{178}{\texttwosuperior}
551 \DeclareInputText{179}{\textthreesuperior}
552 \DeclareInputText{180}{\textasciacute}
553 \DeclareInputText{181}{\textmu}
554 \DeclareInputText{182}{\textparagraph}
555 \DeclareInputText{183}{\textperiodcentered}
556 \DeclareInputText{184}{\c }
557 \DeclareInputText{185}{\textonesuperior}
558 \DeclareInputText{186}{\textordmasculine}
559 \DeclareInputText{187}{\guillemotright}
560 \DeclareInputText{188}{\textonequarter}
561 \DeclareInputText{189}{\textonehalf}
562 \DeclareInputText{190}{\textthreequarters}
563 \DeclareInputText{191}{\textquestiondown}
564 \DeclareInputText{192}{\@tabacckludge'A}
565 \DeclareInputText{193}{\@tabacckludge'A}
566 \DeclareInputText{194}{\^A}
567 \DeclareInputText{195}{\~A}
568 \DeclareInputText{196}{\ "A}
569 \DeclareInputText{197}{\r A}
570 \DeclareInputText{198}{\AE}
571 \DeclareInputText{199}{\c C}
572 \DeclareInputText{200}{\@tabacckludge'E}
573 \DeclareInputText{201}{\@tabacckludge'E}
574 \DeclareInputText{202}{\^E}
575 \DeclareInputText{203}{\~E}
576 \DeclareInputText{204}{\@tabacckludge'I}
577 \DeclareInputText{205}{\@tabacckludge'I}
578 \DeclareInputText{206}{\^I}
579 \DeclareInputText{207}{\ "I}
580 \DeclareInputText{208}{\DH}
581 \DeclareInputText{209}{\^N}
582 \DeclareInputText{210}{\@tabacckludge'O}
583 \DeclareInputText{211}{\@tabacckludge'O}

```

```

584 \DeclareInputText{212}{\`0}
585 \DeclareInputText{213}{\`0}
586 \DeclareInputText{214}{\`0}
587 \DeclareInputText{215}{\texttimes}
588 \DeclareInputText{216}{\`0}
589 \DeclareInputText{217}{\@tabacckludge'U}
590 \DeclareInputText{218}{\@tabacckludge'U}
591 \DeclareInputText{219}{\`U}
592 \DeclareInputText{220}{\`U}
593 \DeclareInputText{221}{\@tabacckludge'Y}
594 \DeclareInputText{222}{\`TH}
595 \DeclareInputText{223}{\`ss}
596 \DeclareInputText{224}{\@tabacckludge'a}
597 \DeclareInputText{225}{\@tabacckludge'a}
598 \DeclareInputText{226}{\`a}
599 \DeclareInputText{227}{\`a}
600 \DeclareInputText{228}{\`a}
601 \DeclareInputText{229}{\`r a}
602 \DeclareInputText{230}{\`ae}
603 \DeclareInputText{231}{\`c c}
604 \DeclareInputText{232}{\@tabacckludge'e}
605 \DeclareInputText{233}{\@tabacckludge'e}
606 \DeclareInputText{234}{\`e}
607 \DeclareInputText{235}{\`e}
608 \DeclareInputText{236}{\@tabacckludge'i}
609 \DeclareInputText{237}{\@tabacckludge'i}
610 \DeclareInputText{238}{\`i}
611 \DeclareInputText{239}{\`i}
612 \DeclareInputText{240}{\`dh}
613 \DeclareInputText{241}{\`n}
614 \DeclareInputText{242}{\@tabacckludge'o}
615 \DeclareInputText{243}{\@tabacckludge'o}
616 \DeclareInputText{244}{\`o}
617 \DeclareInputText{245}{\`o}
618 \DeclareInputText{246}{\`o}
619 \DeclareInputText{247}{\textdiv}
620 \DeclareInputText{248}{\`o}
621 \DeclareInputText{249}{\@tabacckludge'u}
622 \DeclareInputText{250}{\@tabacckludge'u}
623 \DeclareInputText{251}{\`u}
624 \DeclareInputText{252}{\`u}
625 \DeclareInputText{253}{\@tabacckludge'y}
626 \DeclareInputText{254}{\`th}
627 \DeclareInputText{255}{\`y}
628 \RestoreAtCatcode
629 </iso-8859-1>

```

#### 2.5.4 Encoding iso-8859-2

```

630 <*iso-8859-2>
631 \ProvidesFile{x-iso-8859-2.def}%
632 [2010/01/11 v1.6 Input encoding iso-8859-2 (inputenx)]%
633 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
634 \makeatletter
635 \ProvideTextCommandDefault{\textacutedbl}{%
636   \H{}}%
637 }
638 \ProvideTextCommandDefault{\textasciicute}{%
639   \@tabacckludge'{}%
640 }
641 \ProvideTextCommandDefault{\textasciibreve}{%
642   \u{}}%
643 }
644 \ProvideTextCommandDefault{\textasciicaron}{%

```



```

645 \v{ }%
646 }
647 \ProvideTextCommandDefault{\textasciidieresis}{%
648 \ " }%
649 }
650 \ProvideTextCommandDefault{\textcurrency}{%
651 \TextSymbolUnavailable\textcurrency
652 }
653 \ProvideTextCommandDefault{\textdegree}{%
654 \ensuremath{{}^{\circ}}%
655 }
656 \ProvideTextCommandDefault{\textdiv}{%
657 \TextSymbolUnavailable\textdiv
658 }
659 \ProvideTextCommandDefault{\texttimes}{%
660 \ensuremath{\times}
661 }
662 \DeclareInputText{160}{\nobreakspace}
663 \DeclareInputText{161}{\k A}
664 \DeclareInputText{162}{\textasciibreve}
665 \DeclareInputText{163}{\L}
666 \DeclareInputText{164}{\textcurrency}
667 \DeclareInputText{165}{\v L}
668 \DeclareInputText{166}{\@tabacckludge'S}
669 \DeclareInputText{167}{\textsection}
670 \DeclareInputText{168}{\textasciidieresis}
671 \DeclareInputText{169}{\v S}
672 \DeclareInputText{170}{\c S}
673 \DeclareInputText{171}{\v T}
674 \DeclareInputText{172}{\@tabacckludge'Z}
675 \DeclareInputText{173}{\ -}
676 \DeclareInputText{174}{\v Z}
677 \DeclareInputText{175}{\ .Z}
678 \DeclareInputText{176}{\textdegree}
679 \DeclareInputText{177}{\k a}
680 \DeclareInputText{178}{\k {}}
681 \DeclareInputText{179}{\l}
682 \DeclareInputText{180}{\textasciiacute}
683 \DeclareInputText{181}{\v l}
684 \DeclareInputText{182}{\@tabacckludge's}
685 \DeclareInputText{183}{\textasciicaron}
686 \DeclareInputText{184}{\c \ }
687 \DeclareInputText{185}{\v s}
688 \DeclareInputText{186}{\c s}
689 \DeclareInputText{187}{\v t}
690 \DeclareInputText{188}{\@tabacckludge'z}
691 \DeclareInputText{189}{\textacutedbl}
692 \DeclareInputText{190}{\v z}
693 \DeclareInputText{191}{\ .z}
694 \DeclareInputText{192}{\@tabacckludge'R}
695 \DeclareInputText{193}{\@tabacckludge'A}
696 \DeclareInputText{194}{\^A}
697 \DeclareInputText{195}{\u A}
698 \DeclareInputText{196}{\ "A}
699 \DeclareInputText{197}{\@tabacckludge'L}
700 \DeclareInputText{198}{\@tabacckludge'C}
701 \DeclareInputText{199}{\c C}
702 \DeclareInputText{200}{\v C}
703 \DeclareInputText{201}{\@tabacckludge'E}
704 \DeclareInputText{202}{\k E}
705 \DeclareInputText{203}{\ "E}
706 \DeclareInputText{204}{\v E}

```

```

707 \DeclareInputText{205}{\@tabacckludge'I}
708 \DeclareInputText{206}{\^I}
709 \DeclareInputText{207}{\v D}
710 \DeclareInputText{208}{DJ}
711 \DeclareInputText{209}{\@tabacckludge'N}
712 \DeclareInputText{210}{\v N}
713 \DeclareInputText{211}{\@tabacckludge'O}
714 \DeclareInputText{212}{\^O}
715 \DeclareInputText{213}{\H O}
716 \DeclareInputText{214}{\^O}
717 \DeclareInputText{215}{\texttimes}
718 \DeclareInputText{216}{\v R}
719 \DeclareInputText{217}{\r U}
720 \DeclareInputText{218}{\@tabacckludge'U}
721 \DeclareInputText{219}{\H U}
722 \DeclareInputText{220}{\^U}
723 \DeclareInputText{221}{\@tabacckludge'Y}
724 \DeclareInputText{222}{\c T}
725 \DeclareInputText{223}{\ss}
726 \DeclareInputText{224}{\@tabacckludge'r}
727 \DeclareInputText{225}{\@tabacckludge'a}
728 \DeclareInputText{226}{\^a}
729 \DeclareInputText{227}{\u a}
730 \DeclareInputText{228}{\^a}
731 \DeclareInputText{229}{\@tabacckludge'l}
732 \DeclareInputText{230}{\@tabacckludge'c}
733 \DeclareInputText{231}{\c c}
734 \DeclareInputText{232}{\v c}
735 \DeclareInputText{233}{\@tabacckludge'e}
736 \DeclareInputText{234}{\k e}
737 \DeclareInputText{235}{\^e}
738 \DeclareInputText{236}{\v e}
739 \DeclareInputText{237}{\@tabacckludge'i}
740 \DeclareInputText{238}{\^i}
741 \DeclareInputText{239}{\v d}
742 \DeclareInputText{240}{dj}
743 \DeclareInputText{241}{\@tabacckludge'n}
744 \DeclareInputText{242}{\v n}
745 \DeclareInputText{243}{\@tabacckludge'o}
746 \DeclareInputText{244}{\^o}
747 \DeclareInputText{245}{\H o}
748 \DeclareInputText{246}{\^o}
749 \DeclareInputText{247}{\textdiv}
750 \DeclareInputText{248}{\v r}
751 \DeclareInputText{249}{\r u}
752 \DeclareInputText{250}{\@tabacckludge'u}
753 \DeclareInputText{251}{\H u}
754 \DeclareInputText{252}{\^u}
755 \DeclareInputText{253}{\@tabacckludge'y}
756 \DeclareInputText{254}{\c t}
757 \DeclareInputText{255}{\^{} }
758 \RestoreAtCatcode
759 </iso-8859-2>

```

### 2.5.5 Encoding iso-8859-3

```

760 <*iso-8859-3>
761 \ProvidesFile{x-iso-8859-3.def}%
762 [2010/01/11 v1.6 Input encoding iso-8859-3 (inputenx)]%
763 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
764 \makeatletter
765 \ProvideTextCommandDefault{\textasciicute}{%
766   \@tabacckludge'}%
767 }

```

```

768 \ProvideTextCommandDefault{\textasciibreve}{%
769   \u{}}%
770 }
771 \ProvideTextCommandDefault{\textasciidieresis}{%
772   \"{}}%
773 }
774 \ProvideTextCommandDefault{\textcurrency}{%
775   \TextSymbolUnavailable\textcurrency
776 }
777 \ProvideTextCommandDefault{\textdegree}{%
778   \ensuremath{{}^{\circ}}}%
779 }
780 \ProvideTextCommandDefault{\textdiv}{%
781   \TextSymbolUnavailable\textdiv
782 }
783 \ProvideTextCommandDefault{\textmalteseH}{%
784   \TextSymbolUnavailable\textmalteseH
785 }
786 \ProvideTextCommandDefault{\textmalteseh}{%
787   \TextSymbolUnavailable\textmalteseh
788 }
789 \ProvideTextCommandDefault{\textmu}{%
790   \ensuremath{\mu}
791 }
792 \ProvideTextCommandDefault{\textonehalf}{%
793   \ensuremath{\frac{1}{2}}}%
794 }
795 \ProvideTextCommandDefault{\textthreesuperior}{%
796   \ensuremath{{}^3}}%
797 }
798 \ProvideTextCommandDefault{\texttimes}{%
799   \ensuremath{\times}
800 }
801 \ProvideTextCommandDefault{\texttwosuperior}{%
802   \ensuremath{{}^2}}%
803 }
804 \DeclareInputText{160}{\nobreakspace}
805 \DeclareInputText{161}{\textmalteseH}
806 \DeclareInputText{162}{\textasciibreve}
807 \DeclareInputText{163}{\textsterling}
808 \DeclareInputText{164}{\textcurrency}
809 \DeclareInputText{166}{\textasciicircum H}
810 \DeclareInputText{167}{\textsection}
811 \DeclareInputText{168}{\textasciidieresis}
812 \DeclareInputText{169}{\textasciicircum .I}
813 \DeclareInputText{170}{\c S}
814 \DeclareInputText{171}{\u G}
815 \DeclareInputText{172}{\textasciicircum J}
816 \DeclareInputText{173}{\textasciicircum -}
817 \DeclareInputText{175}{\textasciicircum .Z}
818 \DeclareInputText{176}{\textdegree}
819 \DeclareInputText{177}{\textmalteseh}
820 \DeclareInputText{178}{\texttwosuperior}
821 \DeclareInputText{179}{\textthreesuperior}
822 \DeclareInputText{180}{\textasciiacute}
823 \DeclareInputText{181}{\textmu}
824 \DeclareInputText{182}{\textasciicircum h}
825 \DeclareInputText{183}{\textperiodcentered}
826 \DeclareInputText{184}{\c \ }
827 \DeclareInputText{185}{\i}
828 \DeclareInputText{186}{\c s}
829 \DeclareInputText{187}{\u g}

```

```

830 \DeclareInputText{188}{\`j}
831 \DeclareInputText{189}{\textonehalf}
832 \DeclareInputText{191}{\`z}
833 \DeclareInputText{192}{\@tabacckludge'A}
834 \DeclareInputText{193}{\@tabacckludge'A}
835 \DeclareInputText{194}{\`A}
836 \DeclareInputText{196}{\`"A}
837 \DeclareInputText{197}{\`C}
838 \DeclareInputText{198}{\`^C}
839 \DeclareInputText{199}{\`c C}
840 \DeclareInputText{200}{\@tabacckludge'E}
841 \DeclareInputText{201}{\@tabacckludge'E}
842 \DeclareInputText{202}{\`E}
843 \DeclareInputText{203}{\`"E}
844 \DeclareInputText{204}{\@tabacckludge'I}
845 \DeclareInputText{205}{\@tabacckludge'I}
846 \DeclareInputText{206}{\`I}
847 \DeclareInputText{207}{\`"I}
848 \DeclareInputText{209}{\`N}
849 \DeclareInputText{210}{\@tabacckludge'O}
850 \DeclareInputText{211}{\@tabacckludge'O}
851 \DeclareInputText{212}{\`O}
852 \DeclareInputText{213}{\`.G}
853 \DeclareInputText{214}{\`"O}
854 \DeclareInputText{215}{\texttimes}
855 \DeclareInputText{216}{\`^G}
856 \DeclareInputText{217}{\@tabacckludge'U}
857 \DeclareInputText{218}{\@tabacckludge'U}
858 \DeclareInputText{219}{\`U}
859 \DeclareInputText{220}{\`"U}
860 \DeclareInputText{221}{\`u U}
861 \DeclareInputText{222}{\`^S}
862 \DeclareInputText{223}{\`ss}
863 \DeclareInputText{224}{\@tabacckludge'a}
864 \DeclareInputText{225}{\@tabacckludge'a}
865 \DeclareInputText{226}{\`^a}
866 \DeclareInputText{228}{\`"a}
867 \DeclareInputText{229}{\`.c}
868 \DeclareInputText{230}{\`^c}
869 \DeclareInputText{231}{\`c c}
870 \DeclareInputText{232}{\@tabacckludge'e}
871 \DeclareInputText{233}{\@tabacckludge'e}
872 \DeclareInputText{234}{\`^e}
873 \DeclareInputText{235}{\`"e}
874 \DeclareInputText{236}{\@tabacckludge'i}
875 \DeclareInputText{237}{\@tabacckludge'i}
876 \DeclareInputText{238}{\`^i}
877 \DeclareInputText{239}{\`"i}
878 \DeclareInputText{241}{\`^n}
879 \DeclareInputText{242}{\@tabacckludge'o}
880 \DeclareInputText{243}{\@tabacckludge'o}
881 \DeclareInputText{244}{\`^o}
882 \DeclareInputText{245}{\`.g}
883 \DeclareInputText{246}{\`"o}
884 \DeclareInputText{247}{\textdiv}
885 \DeclareInputText{248}{\`^g}
886 \DeclareInputText{249}{\@tabacckludge'u}
887 \DeclareInputText{250}{\@tabacckludge'u}
888 \DeclareInputText{251}{\`^u}
889 \DeclareInputText{252}{\`"u}
890 \DeclareInputText{253}{\`u u}
891 \DeclareInputText{254}{\`^s}

```

```

892 \DeclareInputText{255}{\.\{}}
893 \RestoreAtCatcode
894 </iso-8859-3>

```

## 2.5.6 Encoding iso-8859-4

```

895 <*iso-8859-4>
896 \ProvidesFile{x-iso-8859-4.def}%
897 [2010/01/11 v1.6 Input encoding iso-8859-4 (inputenx)]%
898 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
899 \makeatletter
900 \ProvideTextCommandDefault{\textTstroke}{%
901   \TextSymbolUnavailable\textTstroke
902 }
903 \ProvideTextCommandDefault{\textasciicute}{%
904   \@tabacckludge' }%
905 }
906 \ProvideTextCommandDefault{\textasciicaron}{%
907   \v{ }%
908 }
909 \ProvideTextCommandDefault{\textasciidieresis}{%
910   \"{ }%
911 }
912 \ProvideTextCommandDefault{\textasciimacron}{%
913   \@tabacckludge={ }%
914 }
915 \ProvideTextCommandDefault{\textcurrency}{%
916   \TextSymbolUnavailable\textcurrency
917 }
918 \ProvideTextCommandDefault{\textdegree}{%
919   \ensuremath{^{\circ}}%
920 }
921 \ProvideTextCommandDefault{\textdiv}{%
922   \TextSymbolUnavailable\textdiv
923 }
924 \ProvideTextCommandDefault{\textkra}{%
925   \TextSymbolUnavailable\textkra
926 }
927 \ProvideTextCommandDefault{\texttimes}{%
928   \ensuremath\times
929 }
930 \ProvideTextCommandDefault{\texttstroke}{%
931   \TextSymbolUnavailable\texttstroke
932 }
933 \DeclareInputText{160}{\nobreakspace}
934 \DeclareInputText{161}{\k A}
935 \DeclareInputText{162}{\textkra}
936 \DeclareInputText{163}{\c R}
937 \DeclareInputText{164}{\textcurrency}
938 \DeclareInputText{165}{\~I}
939 \DeclareInputText{166}{\c L}
940 \DeclareInputText{167}{\textsection}
941 \DeclareInputText{168}{\textasciidieresis}
942 \DeclareInputText{169}{\v S}
943 \DeclareInputText{170}{\@tabacckludge=E}
944 \DeclareInputText{171}{\c G}
945 \DeclareInputText{172}{\textTstroke}
946 \DeclareInputText{173}{\ -}
947 \DeclareInputText{174}{\v Z}
948 \DeclareInputText{175}{\textasciimacron}
949 \DeclareInputText{176}{\textdegree}
950 \DeclareInputText{177}{\k a}
951 \DeclareInputText{178}{\k {}}
952 \DeclareInputText{179}{\c r}

```

```

953 \DeclareInputText{180}{\textasciicute}
954 \DeclareInputText{181}{\~\i}
955 \DeclareInputText{182}{\c l}
956 \DeclareInputText{183}{\textasciicaron}
957 \DeclareInputText{184}{\c\ }
958 \DeclareInputText{185}{\v s}
959 \DeclareInputText{186}{\@tabacckludge=e}
960 \DeclareInputText{187}{\v g}
961 \DeclareInputText{188}{\texttstroke}
962 \DeclareInputText{189}{\NG}
963 \DeclareInputText{190}{\v z}
964 \DeclareInputText{191}{\ng}
965 \DeclareInputText{192}{\@tabacckludge=A}
966 \DeclareInputText{193}{\@tabacckludge'A}
967 \DeclareInputText{194}{\^A}
968 \DeclareInputText{195}{\^A}
969 \DeclareInputText{196}{\"A}
970 \DeclareInputText{197}{\r A}
971 \DeclareInputText{198}{\AE}
972 \DeclareInputText{199}{\k I}
973 \DeclareInputText{200}{\v C}
974 \DeclareInputText{201}{\@tabacckludge'E}
975 \DeclareInputText{202}{\k E}
976 \DeclareInputText{203}{\"E}
977 \DeclareInputText{204}{\.E}
978 \DeclareInputText{205}{\@tabacckludge'I}
979 \DeclareInputText{206}{\^I}
980 \DeclareInputText{207}{\@tabacckludge=I}
981 \DeclareInputText{208}{\DJ}
982 \DeclareInputText{209}{\c N}
983 \DeclareInputText{210}{\@tabacckludge=0}
984 \DeclareInputText{211}{\c K}
985 \DeclareInputText{212}{\^0}
986 \DeclareInputText{213}{\^0}
987 \DeclareInputText{214}{\"0}
988 \DeclareInputText{215}{\texttimes}
989 \DeclareInputText{216}{\0}
990 \DeclareInputText{217}{\k U}
991 \DeclareInputText{218}{\@tabacckludge'U}
992 \DeclareInputText{219}{\^U}
993 \DeclareInputText{220}{\"U}
994 \DeclareInputText{221}{\^U}
995 \DeclareInputText{222}{\@tabacckludge=U}
996 \DeclareInputText{223}{\ss}
997 \DeclareInputText{224}{\@tabacckludge=a}
998 \DeclareInputText{225}{\@tabacckludge'a}
999 \DeclareInputText{226}{\^a}
1000 \DeclareInputText{227}{\^a}
1001 \DeclareInputText{228}{\"a}
1002 \DeclareInputText{229}{\r a}
1003 \DeclareInputText{230}{\ae}
1004 \DeclareInputText{231}{\k i}
1005 \DeclareInputText{232}{\v c}
1006 \DeclareInputText{233}{\@tabacckludge'e}
1007 \DeclareInputText{234}{\k e}
1008 \DeclareInputText{235}{\"e}
1009 \DeclareInputText{236}{\.e}
1010 \DeclareInputText{237}{\@tabacckludge'i}
1011 \DeclareInputText{238}{\^i}
1012 \DeclareInputText{239}{\@tabacckludge=\i}
1013 \DeclareInputText{240}{\dj}
1014 \DeclareInputText{241}{\c n}

```

```

1015 \DeclareInputText{242}{\@tabacckludge=o}
1016 \DeclareInputText{243}{\c k}
1017 \DeclareInputText{244}{\^o}
1018 \DeclareInputText{245}{\~o}
1019 \DeclareInputText{246}{\"o}
1020 \DeclareInputText{247}{\textdiv}
1021 \DeclareInputText{248}{\o}
1022 \DeclareInputText{249}{\k u}
1023 \DeclareInputText{250}{\@tabacckludge'u}
1024 \DeclareInputText{251}{\^u}
1025 \DeclareInputText{252}{\"u}
1026 \DeclareInputText{253}{\~u}
1027 \DeclareInputText{254}{\@tabacckludge=u}
1028 \DeclareInputText{255}{\.{}}
1029 \RestoreAtCatcode
1030 \</iso-8859-4>

```

### 2.5.7 Encoding iso-8859-5

```

1031 \<*iso-8859-5>
1032 \ProvidesFile{x-iso-8859-5.def}%
1033 [2010/01/11 v1.6 Input encoding iso-8859-5 (inputenx)]%
1034 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1035 \makeatletter
1036 \ProvideTextCommandDefault{\textnumero}{%
1037   N%
1038   \bgroup
1039     \check@mathfonts
1040     \fontsize\sf@size\z@
1041     \math@fontsfalse
1042     \selectfont
1043     \oalign{%
1044       \raise0.5ex\hbox{o}%
1045       \crrr
1046       \hline
1047     }%
1048   \egroup
1049 }
1050 \DeclareInputText{160}{\nobreakspace}
1051 \DeclareInputText{161}{\CYRYO}
1052 \DeclareInputText{162}{\CYRDJE}
1053 \DeclareInputText{163}{\@tabacckludge'\CYRG}
1054 \DeclareInputText{164}{\CYRIE}
1055 \DeclareInputText{165}{\CYRDZE}
1056 \DeclareInputText{166}{\CYRII}
1057 \DeclareInputText{167}{\CYRYI}
1058 \DeclareInputText{168}{\CYRJE}
1059 \DeclareInputText{169}{\CYRLJE}
1060 \DeclareInputText{170}{\CYRNJE}
1061 \DeclareInputText{171}{\CYRTSHE}
1062 \DeclareInputText{172}{\@tabacckludge'\CYRK}
1063 \DeclareInputText{173}{\{-}
1064 \DeclareInputText{174}{\CYRUSHRT}
1065 \DeclareInputText{175}{\CYRDZHE}
1066 \DeclareInputText{176}{\CYRA}
1067 \DeclareInputText{177}{\CYRB}
1068 \DeclareInputText{178}{\CYRV}
1069 \DeclareInputText{179}{\CYRG}
1070 \DeclareInputText{180}{\CYRD}
1071 \DeclareInputText{181}{\CYRE}
1072 \DeclareInputText{182}{\CYRZH}
1073 \DeclareInputText{183}{\CYRZ}
1074 \DeclareInputText{184}{\CYRI}
1075 \DeclareInputText{185}{\CYRISHRT}

```

```

1076 \DeclareInputText{186}{\CYRK}
1077 \DeclareInputText{187}{\CYRL}
1078 \DeclareInputText{188}{\CYRM}
1079 \DeclareInputText{189}{\CYRN}
1080 \DeclareInputText{190}{\CYRO}
1081 \DeclareInputText{191}{\CYRP}
1082 \DeclareInputText{192}{\CYRR}
1083 \DeclareInputText{193}{\CYRS}
1084 \DeclareInputText{194}{\CYRT}
1085 \DeclareInputText{195}{\CYRU}
1086 \DeclareInputText{196}{\CYRF}
1087 \DeclareInputText{197}{\CYRH}
1088 \DeclareInputText{198}{\CYRC}
1089 \DeclareInputText{199}{\CYRCH}
1090 \DeclareInputText{200}{\CYRSH}
1091 \DeclareInputText{201}{\CYRSHCH}
1092 \DeclareInputText{202}{\CYRHRDSN}
1093 \DeclareInputText{203}{\CYRERY}
1094 \DeclareInputText{204}{\CYRSFTSN}
1095 \DeclareInputText{205}{\CYREREV}
1096 \DeclareInputText{206}{\CYRYU}
1097 \DeclareInputText{207}{\CYRYA}
1098 \DeclareInputText{208}{\cyra}
1099 \DeclareInputText{209}{\cyrb}
1100 \DeclareInputText{210}{\cyrv}
1101 \DeclareInputText{211}{\cyrg}
1102 \DeclareInputText{212}{\cyrd}
1103 \DeclareInputText{213}{\cyre}
1104 \DeclareInputText{214}{\cyrzh}
1105 \DeclareInputText{215}{\cyrz}
1106 \DeclareInputText{216}{\cyri}
1107 \DeclareInputText{217}{\cyrishrt}
1108 \DeclareInputText{218}{\cyrk}
1109 \DeclareInputText{219}{\cyr1}
1110 \DeclareInputText{220}{\cyrm}
1111 \DeclareInputText{221}{\cyrn}
1112 \DeclareInputText{222}{\cyro}
1113 \DeclareInputText{223}{\cyrp}
1114 \DeclareInputText{224}{\cyrr}
1115 \DeclareInputText{225}{\cyrs}
1116 \DeclareInputText{226}{\cyrt}
1117 \DeclareInputText{227}{\cyru}
1118 \DeclareInputText{228}{\cyrf}
1119 \DeclareInputText{229}{\cyrh}
1120 \DeclareInputText{230}{\cyrc}
1121 \DeclareInputText{231}{\cyrch}
1122 \DeclareInputText{232}{\cyrsh}
1123 \DeclareInputText{233}{\cyrshch}
1124 \DeclareInputText{234}{\cyrhrdsn}
1125 \DeclareInputText{235}{\cyrery}
1126 \DeclareInputText{236}{\cyrsftsn}
1127 \DeclareInputText{237}{\cyrerev}
1128 \DeclareInputText{238}{\cyryu}
1129 \DeclareInputText{239}{\cyrya}
1130 \DeclareInputText{240}{\textnumero}
1131 \DeclareInputText{241}{\cyryo}
1132 \DeclareInputText{242}{\cyrdje}
1133 \DeclareInputText{243}{\@tabacckludge'\cyrg}
1134 \DeclareInputText{244}{\cyrie}
1135 \DeclareInputText{245}{\cyrdze}
1136 \DeclareInputText{246}{\cyr11}
1137 \DeclareInputText{247}{\cyr1i}

```



```

1138 \DeclareInputText{248}{\cyrje}
1139 \DeclareInputText{249}{\cyrlje}
1140 \DeclareInputText{250}{\cyrnje}
1141 \DeclareInputText{251}{\cyrtshe}
1142 \DeclareInputText{252}{\@tabacckludge'\cyrk}
1143 \DeclareInputText{253}{\textsection}
1144 \DeclareInputText{254}{\cyrushrt}
1145 \DeclareInputText{255}{\cyrdzhe}
1146 \RestoreAtCatcode
1147 </iso-8859-5>

```

### 2.5.8 Encoding iso-8859-8

```

1148 <*iso-8859-8>
1149 \ProvidesFile{x-iso-8859-8.def}%
1150 [2010/01/11 v1.6 Input encoding iso-8859-8 (inputenx)]%
1151 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1152 \makeatletter
1153 \ProvideTextCommandDefault{\textasciicute}{%
1154   \@tabacckludge'{}%
1155 }
1156 \ProvideTextCommandDefault{\textasciidieresis}{%
1157   \"{}%
1158 }
1159 \ProvideTextCommandDefault{\textasciimacron}{%
1160   \@tabacckludge={}%
1161 }
1162 \ProvideTextCommandDefault{\textbrokenbar}{%
1163   \TextSymbolUnavailable\textbrokenbar
1164 }
1165 \ProvideTextCommandDefault{\textcent}{%
1166   \TextSymbolUnavailable\textcent
1167 }
1168 \ProvideTextCommandDefault{\textcurrency}{%
1169   \TextSymbolUnavailable\textcurrency
1170 }
1171 \ProvideTextCommandDefault{\textdbllowline}{%
1172   \begingroup
1173     \sbox0{\textunderscore}%
1174     \leavevmode
1175     \ifdim\dp0<.2ex\relax
1176       \rlap{\raisebox{-.2ex}[0pt]{\textunderscore}}%
1177     \else
1178       \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
1179     \fi
1180     \textunderscore
1181   \endgroup
1182 }
1183 \ProvideTextCommandDefault{\textdegree}{%
1184   \ensuremath{{}^\circ}%
1185 }
1186 \ProvideTextCommandDefault{\textdiv}{%
1187   \TextSymbolUnavailable\textdiv
1188 }
1189 \ProvideTextCommandDefault{\textlnot}{%
1190   \ensuremath{\text{\textlnot}}
1191 }
1192 \ProvideTextCommandDefault{\textmu}{%
1193   \ensuremath{\mu}
1194 }
1195 \ProvideTextCommandDefault{\textonehalf}{%
1196   \ensuremath{\frac{1}{2}}%
1197 }
1198 \ProvideTextCommandDefault{\textonequarter}{%

```

```

1199 \ensuremath{\frac{1}{4}}%
1200 }
1201 \ProvideTextCommandDefault{\textonesuperior}{%
1202 \ensuremath{{}^1}}%
1203 }
1204 \ProvideTextCommandDefault{\textpm}{%
1205 \ensuremath{\text{pm}}
1206 }
1207 \ProvideTextCommandDefault{\textthreequarters}{%
1208 \ensuremath{\frac{3}{4}}%
1209 }
1210 \ProvideTextCommandDefault{\textthreesuperior}{%
1211 \ensuremath{{}^3}}%
1212 }
1213 \ProvideTextCommandDefault{\texttimes}{%
1214 \ensuremath{\text{times}}
1215 }
1216 \ProvideTextCommandDefault{\texttwosuperior}{%
1217 \ensuremath{{}^2}}%
1218 }
1219 \ProvideTextCommandDefault{\textyen}{%
1220 \TextSymbolUnavailable\textyen
1221 }
1222 \DeclareInputText{160}{\nobreakspace}
1223 \DeclareInputText{162}{\textcent}
1224 \DeclareInputText{163}{\textsterling}
1225 \DeclareInputText{164}{\textcurrency}
1226 \DeclareInputText{165}{\textyen}
1227 \DeclareInputText{166}{\textbrokenbar}
1228 \DeclareInputText{167}{\textsection}
1229 \DeclareInputText{168}{\textasciidieresis}
1230 \DeclareInputText{169}{\textcopyright}
1231 \DeclareInputText{170}{\texttimes}
1232 \DeclareInputText{171}{\guillemotleft}
1233 \DeclareInputText{172}{\textlnot}
1234 \DeclareInputText{173}{\textasciicaron}
1235 \DeclareInputText{174}{\textregistered}
1236 \DeclareInputText{175}{\textasciimacron}
1237 \DeclareInputText{176}{\textdegree}
1238 \DeclareInputText{177}{\textpm}
1239 \DeclareInputText{178}{\texttwosuperior}
1240 \DeclareInputText{179}{\textthreesuperior}
1241 \DeclareInputText{180}{\textasciiaacute}
1242 \DeclareInputText{181}{\textmu}
1243 \DeclareInputText{182}{\textparagraph}
1244 \DeclareInputText{183}{\textperiodcentered}
1245 \DeclareInputText{184}{\c}
1246 \DeclareInputText{185}{\textonesuperior}
1247 \DeclareInputText{186}{\textdiv}
1248 \DeclareInputText{187}{\guillemotright}
1249 \DeclareInputText{188}{\textonequarter}
1250 \DeclareInputText{189}{\textonehalf}
1251 \DeclareInputText{190}{\textthreequarters}
1252 \DeclareInputText{223}{\textdbllowline}
1253 \DeclareInputText{224}{\hebaleft}
1254 \DeclareInputText{225}{\hebbet}
1255 \DeclareInputText{226}{\hebgimel}
1256 \DeclareInputText{227}{\hebdalet}
1257 \DeclareInputText{228}{\hebhe}
1258 \DeclareInputText{229}{\hebvav}
1259 \DeclareInputText{230}{\hebzayin}
1260 \DeclareInputText{231}{\hebbet}

```

```

1261 \DeclareInputText{232}{\hebtet}
1262 \DeclareInputText{233}{\hebyod}
1263 \DeclareInputText{234}{\hebfinalkaf}
1264 \DeclareInputText{235}{\hebkafe}
1265 \DeclareInputText{236}{\heblamed}
1266 \DeclareInputText{237}{\hebfinalmem}
1267 \DeclareInputText{238}{\hebmem}
1268 \DeclareInputText{239}{\hebfinalnun}
1269 \DeclareInputText{240}{\hebnnun}
1270 \DeclareInputText{241}{\hebsamekh}
1271 \DeclareInputText{242}{\hebayin}
1272 \DeclareInputText{243}{\hebfinalpe}
1273 \DeclareInputText{244}{\hebpe}
1274 \DeclareInputText{245}{\hebfinaltsadi}
1275 \DeclareInputText{246}{\hebtsadi}
1276 \DeclareInputText{247}{\hebqof}
1277 \DeclareInputText{248}{\hebresh}
1278 \DeclareInputText{249}{\hebshin}
1279 \DeclareInputText{250}{\hebtav}
1280 \RestoreAtCatcode
1281 \</iso-8859-8>

```

## 2.5.9 Encoding iso-8859-9

```

1282 <*iso-8859-9>
1283 \ProvidesFile{x-iso-8859-9.def}%
1284 [2010/01/11 v1.6 Input encoding iso-8859-9 (inputenx)]%
1285 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1286 \makeatletter
1287 \ProvideTextCommandDefault{\textasciicircum}{%
1288   \@tabacckludge'}{%
1289 }
1290 \ProvideTextCommandDefault{\textasciidieresis}{%
1291   \"}{%
1292 }
1293 \ProvideTextCommandDefault{\textasciimacron}{%
1294   \@tabacckludge=}{%
1295 }
1296 \ProvideTextCommandDefault{\textbrokenbar}{%
1297   \TextSymbolUnavailable\textbrokenbar
1298 }
1299 \ProvideTextCommandDefault{\textcent}{%
1300   \TextSymbolUnavailable\textcent
1301 }
1302 \ProvideTextCommandDefault{\textcurrency}{%
1303   \TextSymbolUnavailable\textcurrency
1304 }
1305 \ProvideTextCommandDefault{\textdegree}{%
1306   \ensuremath{{}^{\circ}}}%
1307 }
1308 \ProvideTextCommandDefault{\textdiv}{%
1309   \TextSymbolUnavailable\textdiv
1310 }
1311 \ProvideTextCommandDefault{\textlnot}{%
1312   \ensuremath{\lnot}
1313 }
1314 \ProvideTextCommandDefault{\textmu}{%
1315   \ensuremath{\mu}
1316 }
1317 \ProvideTextCommandDefault{\textonehalf}{%
1318   \ensuremath{\frac{1}{2}}}%
1319 }
1320 \ProvideTextCommandDefault{\textonequarter}{%
1321   \ensuremath{\frac{1}{4}}}%

```

```

1322 }
1323 \ProvideTextCommandDefault{\textonesuperior}{%
1324   \ensuremath{{}^1}}%
1325 }
1326 \ProvideTextCommandDefault{\textpm}{%
1327   \ensuremath{\mu\text{m}}%
1328 }
1329 \ProvideTextCommandDefault{\textthreequarters}{%
1330   \ensuremath{\frac{3}{4}}%
1331 }
1332 \ProvideTextCommandDefault{\textthreesuperior}{%
1333   \ensuremath{{}^3}}%
1334 }
1335 \ProvideTextCommandDefault{\texttimes}{%
1336   \ensuremath{\times}%
1337 }
1338 \ProvideTextCommandDefault{\texttwosuperior}{%
1339   \ensuremath{{}^2}}%
1340 }
1341 \ProvideTextCommandDefault{\textyen}{%
1342   \TextSymbolUnavailable\textyen
1343 }
1344 \DeclareInputText{160}{\nobreakspace}
1345 \DeclareInputText{161}{\textexclamdown}
1346 \DeclareInputText{162}{\textcent}
1347 \DeclareInputText{163}{\textsterling}
1348 \DeclareInputText{164}{\textcurrency}
1349 \DeclareInputText{165}{\textyen}
1350 \DeclareInputText{166}{\textbrokenbar}
1351 \DeclareInputText{167}{\textsection}
1352 \DeclareInputText{168}{\textasciidieresis}
1353 \DeclareInputText{169}{\textcopyright}
1354 \DeclareInputText{170}{\textordfeminine}
1355 \DeclareInputText{171}{\guillemotleft}
1356 \DeclareInputText{172}{\textlnot}
1357 \DeclareInputText{173}{\textasciicaron}
1358 \DeclareInputText{174}{\textregistered}
1359 \DeclareInputText{175}{\textasciimacron}
1360 \DeclareInputText{176}{\textdegree}
1361 \DeclareInputText{177}{\textpm}
1362 \DeclareInputText{178}{\texttwosuperior}
1363 \DeclareInputText{179}{\textthreesuperior}
1364 \DeclareInputText{180}{\textasciacute}
1365 \DeclareInputText{181}{\textmu}
1366 \DeclareInputText{182}{\textparagraph}
1367 \DeclareInputText{183}{\textperiodcentered}
1368 \DeclareInputText{184}{\c}
1369 \DeclareInputText{185}{\textonesuperior}
1370 \DeclareInputText{186}{\textordmasculine}
1371 \DeclareInputText{187}{\guillemotright}
1372 \DeclareInputText{188}{\textonequarter}
1373 \DeclareInputText{189}{\textonehalf}
1374 \DeclareInputText{190}{\textthreequarters}
1375 \DeclareInputText{191}{\textquestiondown}
1376 \DeclareInputText{192}{\@tabacckludge'A}
1377 \DeclareInputText{193}{\@tabacckludge'A}
1378 \DeclareInputText{194}{\^A}
1379 \DeclareInputText{195}{\~A}
1380 \DeclareInputText{196}{\`A}
1381 \DeclareInputText{197}{\r A}
1382 \DeclareInputText{198}{\AE}
1383 \DeclareInputText{199}{\c C}

```

```

1384 \DeclareInputText{200}{\@tabacckludge'E}
1385 \DeclareInputText{201}{\@tabacckludge'E}
1386 \DeclareInputText{202}{\^E}
1387 \DeclareInputText{203}{\ "E}
1388 \DeclareInputText{204}{\@tabacckludge'I}
1389 \DeclareInputText{205}{\@tabacckludge'I}
1390 \DeclareInputText{206}{\^I}
1391 \DeclareInputText{207}{\ "I}
1392 \DeclareInputText{208}{\u G}
1393 \DeclareInputText{209}{\^N}
1394 \DeclareInputText{210}{\@tabacckludge'O}
1395 \DeclareInputText{211}{\@tabacckludge'O}
1396 \DeclareInputText{212}{\^O}
1397 \DeclareInputText{213}{\~O}
1398 \DeclareInputText{214}{\ "O}
1399 \DeclareInputText{215}{\texttimes}
1400 \DeclareInputText{216}{\O}
1401 \DeclareInputText{217}{\@tabacckludge'U}
1402 \DeclareInputText{218}{\@tabacckludge'U}
1403 \DeclareInputText{219}{\^U}
1404 \DeclareInputText{220}{\ "U}
1405 \DeclareInputText{221}{\ .I}
1406 \DeclareInputText{222}{\c S}
1407 \DeclareInputText{223}{\ss}
1408 \DeclareInputText{224}{\@tabacckludge'a}
1409 \DeclareInputText{225}{\@tabacckludge'a}
1410 \DeclareInputText{226}{\^a}
1411 \DeclareInputText{227}{\^a}
1412 \DeclareInputText{228}{\ "a}
1413 \DeclareInputText{229}{\r a}
1414 \DeclareInputText{230}{\ae}
1415 \DeclareInputText{231}{\c c}
1416 \DeclareInputText{232}{\@tabacckludge'e}
1417 \DeclareInputText{233}{\@tabacckludge'e}
1418 \DeclareInputText{234}{\^e}
1419 \DeclareInputText{235}{\ "e}
1420 \DeclareInputText{236}{\@tabacckludge'i}
1421 \DeclareInputText{237}{\@tabacckludge'i}
1422 \DeclareInputText{238}{\^i}
1423 \DeclareInputText{239}{\ "i}
1424 \DeclareInputText{240}{\u g}
1425 \DeclareInputText{241}{\^n}
1426 \DeclareInputText{242}{\@tabacckludge'o}
1427 \DeclareInputText{243}{\@tabacckludge'o}
1428 \DeclareInputText{244}{\^o}
1429 \DeclareInputText{245}{\~o}
1430 \DeclareInputText{246}{\ "o}
1431 \DeclareInputText{247}{\textdiv}
1432 \DeclareInputText{248}{\o}
1433 \DeclareInputText{249}{\@tabacckludge'u}
1434 \DeclareInputText{250}{\@tabacckludge'u}
1435 \DeclareInputText{251}{\^u}
1436 \DeclareInputText{252}{\ "u}
1437 \DeclareInputText{253}{\i}
1438 \DeclareInputText{254}{\c s}
1439 \DeclareInputText{255}{\ "y}
1440 \RestoreAtCatcode
1441 </iso-8859-9>

```

## 2.5.10 Encoding iso-8859-10

```

1442 <*iso-8859-10>
1443 \ProvidesFile{x-iso-8859-10.def}%
1444 [2010/01/11 v1.6 Input encoding iso-8859-10 (inputenx)]%

```

```

1445 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1446 \makeatletter
1447 \ProvideTextCommandDefault{\textTstroke}{%
1448   \TextSymbolUnavailable\textTstroke
1449 }
1450 \ProvideTextCommandDefault{\textdegree}{%
1451   \ensuremath{{}^{\circ}}}%
1452 }
1453 \ProvideTextCommandDefault{\texthorizontalbar}{%
1454   \mbox{---}\kern-.5em---}%
1455 }
1456 \ProvideTextCommandDefault{\textkra}{%
1457   \TextSymbolUnavailable\textkra
1458 }
1459 \ProvideTextCommandDefault{\texttstroke}{%
1460   \TextSymbolUnavailable\texttstroke
1461 }
1462 \DeclareInputText{160}{\nobreakspace}
1463 \DeclareInputText{161}{\k A}
1464 \DeclareInputText{162}{\@tabacckludge=E}
1465 \DeclareInputText{163}{\c G}
1466 \DeclareInputText{164}{\@tabacckludge=I}
1467 \DeclareInputText{165}{\`I}
1468 \DeclareInputText{166}{\c K}
1469 \DeclareInputText{167}{\textsection}
1470 \DeclareInputText{168}{\c L}
1471 \DeclareInputText{169}{\DJ}
1472 \DeclareInputText{170}{\v S}
1473 \DeclareInputText{171}{\textTstroke}
1474 \DeclareInputText{172}{\v Z}
1475 \DeclareInputText{173}{\ -}
1476 \DeclareInputText{174}{\@tabacckludge=U}
1477 \DeclareInputText{175}{\NG}
1478 \DeclareInputText{176}{\textdegree}
1479 \DeclareInputText{177}{\k a}
1480 \DeclareInputText{178}{\@tabacckludge=e}
1481 \DeclareInputText{179}{\v g}
1482 \DeclareInputText{180}{\@tabacckludge=\i}
1483 \DeclareInputText{181}{\`i}
1484 \DeclareInputText{182}{\c k}
1485 \DeclareInputText{183}{\textperiodcentered}
1486 \DeclareInputText{184}{\c l}
1487 \DeclareInputText{185}{\dj}
1488 \DeclareInputText{186}{\v s}
1489 \DeclareInputText{187}{\texttstroke}
1490 \DeclareInputText{188}{\v z}
1491 \DeclareInputText{189}{\texthorizontalbar}
1492 \DeclareInputText{190}{\@tabacckludge=u}
1493 \DeclareInputText{191}{\ng}
1494 \DeclareInputText{192}{\@tabacckludge=A}
1495 \DeclareInputText{193}{\@tabacckludge'A}
1496 \DeclareInputText{194}{\`A}
1497 \DeclareInputText{195}{\`A}
1498 \DeclareInputText{196}{\ "A}
1499 \DeclareInputText{197}{\r A}
1500 \DeclareInputText{198}{\AE}
1501 \DeclareInputText{199}{\k I}
1502 \DeclareInputText{200}{\v C}
1503 \DeclareInputText{201}{\@tabacckludge'E}
1504 \DeclareInputText{202}{\k E}
1505 \DeclareInputText{203}{\ "E}
1506 \DeclareInputText{204}{\ .E}

```

```

1507 \DeclareInputText{205}{\@tabacckludge'I}
1508 \DeclareInputText{206}{\^I}
1509 \DeclareInputText{207}{\ "I}
1510 \DeclareInputText{208}{\DH}
1511 \DeclareInputText{209}{\c N}
1512 \DeclareInputText{210}{\@tabacckludge=0}
1513 \DeclareInputText{211}{\@tabacckludge'0}
1514 \DeclareInputText{212}{\^0}
1515 \DeclareInputText{213}{\~0}
1516 \DeclareInputText{214}{\ "0}
1517 \DeclareInputText{215}{\^U}
1518 \DeclareInputText{216}{\0}
1519 \DeclareInputText{217}{\k U}
1520 \DeclareInputText{218}{\@tabacckludge'U}
1521 \DeclareInputText{219}{\^U}
1522 \DeclareInputText{220}{\ "U}
1523 \DeclareInputText{221}{\@tabacckludge'Y}
1524 \DeclareInputText{222}{\TH}
1525 \DeclareInputText{223}{\ss}
1526 \DeclareInputText{224}{\@tabacckludge=a}
1527 \DeclareInputText{225}{\@tabacckludge'a}
1528 \DeclareInputText{226}{\^a}
1529 \DeclareInputText{227}{\~a}
1530 \DeclareInputText{228}{\ "a}
1531 \DeclareInputText{229}{\r a}
1532 \DeclareInputText{230}{\ae}
1533 \DeclareInputText{231}{\k i}
1534 \DeclareInputText{232}{\v c}
1535 \DeclareInputText{233}{\@tabacckludge'e}
1536 \DeclareInputText{234}{\k e}
1537 \DeclareInputText{235}{\ "e}
1538 \DeclareInputText{236}{\ .e}
1539 \DeclareInputText{237}{\@tabacckludge'i}
1540 \DeclareInputText{238}{\^i}
1541 \DeclareInputText{239}{\ "i}
1542 \DeclareInputText{240}{\dh}
1543 \DeclareInputText{241}{\c n}
1544 \DeclareInputText{242}{\@tabacckludge=o}
1545 \DeclareInputText{243}{\@tabacckludge'o}
1546 \DeclareInputText{244}{\^o}
1547 \DeclareInputText{245}{\~o}
1548 \DeclareInputText{246}{\ "o}
1549 \DeclareInputText{247}{\~u}
1550 \DeclareInputText{248}{\o}
1551 \DeclareInputText{249}{\k u}
1552 \DeclareInputText{250}{\@tabacckludge'u}
1553 \DeclareInputText{251}{\^u}
1554 \DeclareInputText{252}{\ "u}
1555 \DeclareInputText{253}{\@tabacckludge'y}
1556 \DeclareInputText{254}{\th}
1557 \DeclareInputText{255}{\textkra}
1558 \RestoreAtCatcode
1559 </iso-8859-10>

```

## 2.5.11 Encoding iso-8859-13

```

1560 <*iso-8859-13>
1561 \ProvidesFile{x-iso-8859-13.def}%
1562 [2010/01/11 v1.6 Input encoding iso-8859-13 (inputenx)]%
1563 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1564 \makeatletter
1565 \ProvideTextCommandDefault{\textbrokenbar}{%
1566 \TextSymbolUnavailable\textbrokenbar
1567 }

```

```

1568 \ProvideTextCommandDefault{\textcent}{%
1569   \TextSymbolUnavailable\textcent
1570 }
1571 \ProvideTextCommandDefault{\textcurrency}{%
1572   \TextSymbolUnavailable\textcurrency
1573 }
1574 \ProvideTextCommandDefault{\textdegree}{%
1575   \ensuremath{{}^{\circ}}%
1576 }
1577 \ProvideTextCommandDefault{\textdiv}{%
1578   \TextSymbolUnavailable\textdiv
1579 }
1580 \ProvideTextCommandDefault{\textlnot}{%
1581   \ensuremath{\lnot}
1582 }
1583 \ProvideTextCommandDefault{\textmu}{%
1584   \ensuremath{\mu}
1585 }
1586 \ProvideTextCommandDefault{\textonehalf}{%
1587   \ensuremath{\frac{1}{2}}%
1588 }
1589 \ProvideTextCommandDefault{\textonequarter}{%
1590   \ensuremath{\frac{1}{4}}%
1591 }
1592 \ProvideTextCommandDefault{\textonesuperior}{%
1593   \ensuremath{{}^1}%
1594 }
1595 \ProvideTextCommandDefault{\textpm}{%
1596   \ensuremath{\pm}
1597 }
1598 \ProvideTextCommandDefault{\textthreequarters}{%
1599   \ensuremath{\frac{3}{4}}%
1600 }
1601 \ProvideTextCommandDefault{\textthreesuperior}{%
1602   \ensuremath{{}^3}%
1603 }
1604 \ProvideTextCommandDefault{\texttimes}{%
1605   \ensuremath{\times}
1606 }
1607 \ProvideTextCommandDefault{\texttwosuperior}{%
1608   \ensuremath{{}^2}%
1609 }
1610 \DeclareInputText{160}{\nobreakspace}
1611 \DeclareInputText{161}{\textquotedblright}
1612 \DeclareInputText{162}{\textcent}
1613 \DeclareInputText{163}{\textsterling}
1614 \DeclareInputText{164}{\textcurrency}
1615 \DeclareInputText{165}{\quotedblbase}
1616 \DeclareInputText{166}{\textbrokenbar}
1617 \DeclareInputText{167}{\textsection}
1618 \DeclareInputText{168}{\0}
1619 \DeclareInputText{169}{\textcopyright}
1620 \DeclareInputText{170}{\c R}
1621 \DeclareInputText{171}{\guillemotleft}
1622 \DeclareInputText{172}{\textlnot}
1623 \DeclareInputText{173}{\textasciicaron}
1624 \DeclareInputText{174}{\textregistered}
1625 \DeclareInputText{175}{\AE}
1626 \DeclareInputText{176}{\textdegree}
1627 \DeclareInputText{177}{\textpm}
1628 \DeclareInputText{178}{\texttwosuperior}
1629 \DeclareInputText{179}{\textthreesuperior}

```



```

1630 \DeclareInputText{180}{\textquotedblleft}
1631 \DeclareInputText{181}{\textmu}
1632 \DeclareInputText{182}{\textparagraph}
1633 \DeclareInputText{183}{\textperiodcentered}
1634 \DeclareInputText{184}{\o}
1635 \DeclareInputText{185}{\textonesuperior}
1636 \DeclareInputText{186}{\c r}
1637 \DeclareInputText{187}{\guillemotright}
1638 \DeclareInputText{188}{\textonequarter}
1639 \DeclareInputText{189}{\textonehalf}
1640 \DeclareInputText{190}{\textthreequarters}
1641 \DeclareInputText{191}{\ae}
1642 \DeclareInputText{192}{\k A}
1643 \DeclareInputText{193}{\k I}
1644 \DeclareInputText{194}{\@tabacckludge=A}
1645 \DeclareInputText{195}{\@tabacckludge'C}
1646 \DeclareInputText{196}{\ "A}
1647 \DeclareInputText{197}{\r A}
1648 \DeclareInputText{198}{\k E}
1649 \DeclareInputText{199}{\@tabacckludge=E}
1650 \DeclareInputText{200}{\v C}
1651 \DeclareInputText{201}{\@tabacckludge'E}
1652 \DeclareInputText{202}{\@tabacckludge'Z}
1653 \DeclareInputText{203}{\ .E}
1654 \DeclareInputText{204}{\c G}
1655 \DeclareInputText{205}{\c K}
1656 \DeclareInputText{206}{\@tabacckludge=I}
1657 \DeclareInputText{207}{\c L}
1658 \DeclareInputText{208}{\v S}
1659 \DeclareInputText{209}{\@tabacckludge'N}
1660 \DeclareInputText{210}{\c N}
1661 \DeclareInputText{211}{\@tabacckludge'O}
1662 \DeclareInputText{212}{\@tabacckludge=O}
1663 \DeclareInputText{213}{\ ^O}
1664 \DeclareInputText{214}{\ "O}
1665 \DeclareInputText{215}{\texttimes}
1666 \DeclareInputText{216}{\k U}
1667 \DeclareInputText{217}{\L}
1668 \DeclareInputText{218}{\@tabacckludge'S}
1669 \DeclareInputText{219}{\@tabacckludge=U}
1670 \DeclareInputText{220}{\ "U}
1671 \DeclareInputText{221}{\ .Z}
1672 \DeclareInputText{222}{\v Z}
1673 \DeclareInputText{223}{\ss}
1674 \DeclareInputText{224}{\k a}
1675 \DeclareInputText{225}{\k i}
1676 \DeclareInputText{226}{\@tabacckludge=a}
1677 \DeclareInputText{227}{\@tabacckludge'c}
1678 \DeclareInputText{228}{\ "a}
1679 \DeclareInputText{229}{\r a}
1680 \DeclareInputText{230}{\k e}
1681 \DeclareInputText{231}{\@tabacckludge=e}
1682 \DeclareInputText{232}{\v c}
1683 \DeclareInputText{233}{\@tabacckludge'e}
1684 \DeclareInputText{234}{\@tabacckludge'z}
1685 \DeclareInputText{235}{\ .e}
1686 \DeclareInputText{236}{\v g}
1687 \DeclareInputText{237}{\c k}
1688 \DeclareInputText{238}{\@tabacckludge=\i}
1689 \DeclareInputText{239}{\c l}
1690 \DeclareInputText{240}{\v s}
1691 \DeclareInputText{241}{\@tabacckludge'n}

```

```

1692 \DeclareInputText{242}{\c n}
1693 \DeclareInputText{243}{\@tabacckludge'o}
1694 \DeclareInputText{244}{\@tabacckludge=o}
1695 \DeclareInputText{245}{\~o}
1696 \DeclareInputText{246}{\"o}
1697 \DeclareInputText{247}{\textdiv}
1698 \DeclareInputText{248}{\k u}
1699 \DeclareInputText{249}{\l}
1700 \DeclareInputText{250}{\@tabacckludge's}
1701 \DeclareInputText{251}{\@tabacckludge=u}
1702 \DeclareInputText{252}{\"u}
1703 \DeclareInputText{253}{\z}
1704 \DeclareInputText{254}{\v z}
1705 \DeclareInputText{255}{\textquoteright}
1706 \RestoreAtCatcode
1707 </iso-8859-13>

```

## 2.5.12 Encoding iso-8859-14

```

1708 <*iso-8859-14>
1709 \ProvidesFile{x-iso-8859-14.def}%
1710 [2010/01/11 v1.6 Input encoding iso-8859-14 (inputenx)]%
1711 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1712 \makeatletter
1713 \DeclareInputText{160}{\nobreakspace}
1714 \DeclareInputText{161}{\B}
1715 \DeclareInputText{162}{\b}
1716 \DeclareInputText{163}{\textsterling}
1717 \DeclareInputText{164}{\C}
1718 \DeclareInputText{165}{\c}
1719 \DeclareInputText{166}{\D}
1720 \DeclareInputText{167}{\textsection}
1721 \DeclareInputText{168}{\@tabacckludge'W}
1722 \DeclareInputText{169}{\textcopyright}
1723 \DeclareInputText{170}{\@tabacckludge'W}
1724 \DeclareInputText{171}{\d}
1725 \DeclareInputText{172}{\@tabacckludge'Y}
1726 \DeclareInputText{173}{\~}
1727 \DeclareInputText{174}{\textregistered}
1728 \DeclareInputText{175}{\Y}
1729 \DeclareInputText{176}{\F}
1730 \DeclareInputText{177}{\f}
1731 \DeclareInputText{178}{\G}
1732 \DeclareInputText{179}{\g}
1733 \DeclareInputText{180}{\M}
1734 \DeclareInputText{181}{\m}
1735 \DeclareInputText{182}{\textparagraph}
1736 \DeclareInputText{183}{\P}
1737 \DeclareInputText{184}{\@tabacckludge'w}
1738 \DeclareInputText{185}{\p}
1739 \DeclareInputText{186}{\@tabacckludge'w}
1740 \DeclareInputText{187}{\S}
1741 \DeclareInputText{188}{\@tabacckludge'y}
1742 \DeclareInputText{189}{\W}
1743 \DeclareInputText{190}{\w}
1744 \DeclareInputText{191}{\s}
1745 \DeclareInputText{192}{\@tabacckludge'A}
1746 \DeclareInputText{193}{\@tabacckludge'A}
1747 \DeclareInputText{194}{\^A}
1748 \DeclareInputText{195}{\~A}
1749 \DeclareInputText{196}{\A}
1750 \DeclareInputText{197}{\r A}
1751 \DeclareInputText{198}{\AE}
1752 \DeclareInputText{199}{\c C}

```

```

1753 \DeclareInputText{200}{\@tabacckludge'E}
1754 \DeclareInputText{201}{\@tabacckludge'E}
1755 \DeclareInputText{202}{\^E}
1756 \DeclareInputText{203}{\ "E}
1757 \DeclareInputText{204}{\@tabacckludge'I}
1758 \DeclareInputText{205}{\@tabacckludge'I}
1759 \DeclareInputText{206}{\^I}
1760 \DeclareInputText{207}{\ "I}
1761 \DeclareInputText{208}{\^W}
1762 \DeclareInputText{209}{\^N}
1763 \DeclareInputText{210}{\@tabacckludge'O}
1764 \DeclareInputText{211}{\@tabacckludge'O}
1765 \DeclareInputText{212}{\^O}
1766 \DeclareInputText{213}{\~O}
1767 \DeclareInputText{214}{\ "O}
1768 \DeclareInputText{215}{\ .T}
1769 \DeclareInputText{216}{\O}
1770 \DeclareInputText{217}{\@tabacckludge'U}
1771 \DeclareInputText{218}{\@tabacckludge'U}
1772 \DeclareInputText{219}{\^U}
1773 \DeclareInputText{220}{\ "U}
1774 \DeclareInputText{221}{\@tabacckludge'Y}
1775 \DeclareInputText{222}{\^Y}
1776 \DeclareInputText{223}{\ss}
1777 \DeclareInputText{224}{\@tabacckludge'a}
1778 \DeclareInputText{225}{\@tabacckludge'a}
1779 \DeclareInputText{226}{\^a}
1780 \DeclareInputText{227}{\~a}
1781 \DeclareInputText{228}{\ "a}
1782 \DeclareInputText{229}{\r a}
1783 \DeclareInputText{230}{\ae}
1784 \DeclareInputText{231}{\c c}
1785 \DeclareInputText{232}{\@tabacckludge'e}
1786 \DeclareInputText{233}{\@tabacckludge'e}
1787 \DeclareInputText{234}{\^e}
1788 \DeclareInputText{235}{\ "e}
1789 \DeclareInputText{236}{\@tabacckludge'i}
1790 \DeclareInputText{237}{\@tabacckludge'i}
1791 \DeclareInputText{238}{\^i}
1792 \DeclareInputText{239}{\ "i}
1793 \DeclareInputText{240}{\^w}
1794 \DeclareInputText{241}{\^n}
1795 \DeclareInputText{242}{\@tabacckludge'o}
1796 \DeclareInputText{243}{\@tabacckludge'o}
1797 \DeclareInputText{244}{\^o}
1798 \DeclareInputText{245}{\~o}
1799 \DeclareInputText{246}{\ "o}
1800 \DeclareInputText{247}{\ .t}
1801 \DeclareInputText{248}{\o}
1802 \DeclareInputText{249}{\@tabacckludge'u}
1803 \DeclareInputText{250}{\@tabacckludge'u}
1804 \DeclareInputText{251}{\^u}
1805 \DeclareInputText{252}{\ "u}
1806 \DeclareInputText{253}{\@tabacckludge'y}
1807 \DeclareInputText{254}{\^y}
1808 \DeclareInputText{255}{\ "y}
1809 \RestoreAtCatcode
1810 </iso-8859-14>

```

### 2.5.13 Encoding iso-8859-15

```

1811 <*iso-8859-15>
1812 \ProvidesFile{x-iso-8859-15.def}%
1813 [2010/01/11 v1.6 Input encoding iso-8859-15 (inputenx)]%

```

```

1814 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1815 \makeatletter
1816 \ProvideTextCommandDefault{\textasciimacron}{%
1817   \@tabacckludge={}%
1818 }
1819 \ProvideTextCommandDefault{\textcent}{%
1820   \TextSymbolUnavailable\textcent
1821 }
1822 \ProvideTextCommandDefault{\textdegree}{%
1823   \ensuremath{{}^{\circ}}%
1824 }
1825 \ProvideTextCommandDefault{\textdiv}{%
1826   \TextSymbolUnavailable\textdiv
1827 }
1828 \ProvideTextCommandDefault{\texteuro}{%
1829   \TextSymbolUnavailable\texteuro
1830 }
1831 \ProvideTextCommandDefault{\textlnot}{%
1832   \ensuremath{\lnot}
1833 }
1834 \ProvideTextCommandDefault{\textmu}{%
1835   \ensuremath{\mu}
1836 }
1837 \ProvideTextCommandDefault{\textonesuperior}{%
1838   \ensuremath{{}^1}%
1839 }
1840 \ProvideTextCommandDefault{\textpm}{%
1841   \ensuremath{\pm}
1842 }
1843 \ProvideTextCommandDefault{\textthreesuperior}{%
1844   \ensuremath{{}^3}%
1845 }
1846 \ProvideTextCommandDefault{\texttimes}{%
1847   \ensuremath{\times}
1848 }
1849 \ProvideTextCommandDefault{\texttwosuperior}{%
1850   \ensuremath{{}^2}%
1851 }
1852 \ProvideTextCommandDefault{\textyen}{%
1853   \TextSymbolUnavailable\textyen
1854 }
1855 \DeclareInputText{160}{\nobreakspace}
1856 \DeclareInputText{161}{\textexclamdown}
1857 \DeclareInputText{162}{\textcent}
1858 \DeclareInputText{163}{\textsterling}
1859 \DeclareInputText{164}{\texteuro}
1860 \DeclareInputText{165}{\textyen}
1861 \DeclareInputText{166}{\v S}
1862 \DeclareInputText{167}{\textsection}
1863 \DeclareInputText{168}{\v s}
1864 \DeclareInputText{169}{\textcopyright}
1865 \DeclareInputText{170}{\textordfeminine}
1866 \DeclareInputText{171}{\guillemotleft}
1867 \DeclareInputText{172}{\textlnot}
1868 \DeclareInputText{173}{\textasciicircum}
1869 \DeclareInputText{174}{\textregistered}
1870 \DeclareInputText{175}{\textasciimacron}
1871 \DeclareInputText{176}{\textdegree}
1872 \DeclareInputText{177}{\textpm}
1873 \DeclareInputText{178}{\texttwosuperior}
1874 \DeclareInputText{179}{\textthreesuperior}
1875 \DeclareInputText{180}{\v Z}

```

```

1876 \DeclareInputText{181}{\textmu}
1877 \DeclareInputText{182}{\textparagraph}
1878 \DeclareInputText{183}{\textperiodcentered}
1879 \DeclareInputText{184}{\v z}
1880 \DeclareInputText{185}{\textonesuperior}
1881 \DeclareInputText{186}{\textordmasculine}
1882 \DeclareInputText{187}{\guillemotright}
1883 \DeclareInputText{188}{\OE}
1884 \DeclareInputText{189}{\oe}
1885 \DeclareInputText{190}{\ "Y}
1886 \DeclareInputText{191}{\textquestiondown}
1887 \DeclareInputText{192}{\@tabacckludge'A}
1888 \DeclareInputText{193}{\@tabacckludge'A}
1889 \DeclareInputText{194}{\^A}
1890 \DeclareInputText{195}{\~A}
1891 \DeclareInputText{196}{\ "A}
1892 \DeclareInputText{197}{\r A}
1893 \DeclareInputText{198}{\AE}
1894 \DeclareInputText{199}{\c C}
1895 \DeclareInputText{200}{\@tabacckludge'E}
1896 \DeclareInputText{201}{\@tabacckludge'E}
1897 \DeclareInputText{202}{\^E}
1898 \DeclareInputText{203}{\ "E}
1899 \DeclareInputText{204}{\@tabacckludge'I}
1900 \DeclareInputText{205}{\@tabacckludge'I}
1901 \DeclareInputText{206}{\^I}
1902 \DeclareInputText{207}{\ "I}
1903 \DeclareInputText{208}{\DH}
1904 \DeclareInputText{209}{\^N}
1905 \DeclareInputText{210}{\@tabacckludge'O}
1906 \DeclareInputText{211}{\@tabacckludge'O}
1907 \DeclareInputText{212}{\^O}
1908 \DeclareInputText{213}{\ "O}
1909 \DeclareInputText{214}{\ "O}
1910 \DeclareInputText{215}{\texttimes}
1911 \DeclareInputText{216}{\O}
1912 \DeclareInputText{217}{\@tabacckludge'U}
1913 \DeclareInputText{218}{\@tabacckludge'U}
1914 \DeclareInputText{219}{\^U}
1915 \DeclareInputText{220}{\ "U}
1916 \DeclareInputText{221}{\@tabacckludge'Y}
1917 \DeclareInputText{222}{\TH}
1918 \DeclareInputText{223}{\ss}
1919 \DeclareInputText{224}{\@tabacckludge'a}
1920 \DeclareInputText{225}{\@tabacckludge'a}
1921 \DeclareInputText{226}{\^a}
1922 \DeclareInputText{227}{\~a}
1923 \DeclareInputText{228}{\ "a}
1924 \DeclareInputText{229}{\r a}
1925 \DeclareInputText{230}{\ae}
1926 \DeclareInputText{231}{\c c}
1927 \DeclareInputText{232}{\@tabacckludge'e}
1928 \DeclareInputText{233}{\@tabacckludge'e}
1929 \DeclareInputText{234}{\^e}
1930 \DeclareInputText{235}{\ "e}
1931 \DeclareInputText{236}{\@tabacckludge'i}
1932 \DeclareInputText{237}{\@tabacckludge'i}
1933 \DeclareInputText{238}{\^i}
1934 \DeclareInputText{239}{\ "i}
1935 \DeclareInputText{240}{\dh}
1936 \DeclareInputText{241}{\^n}
1937 \DeclareInputText{242}{\@tabacckludge'o}

```

```

1938 \DeclareInputText{243}{\@tabacckludge'o}
1939 \DeclareInputText{244}{\^o}
1940 \DeclareInputText{245}{\~o}
1941 \DeclareInputText{246}{\"o}
1942 \DeclareInputText{247}{\textdiv}
1943 \DeclareInputText{248}{\o}
1944 \DeclareInputText{249}{\@tabacckludge'u}
1945 \DeclareInputText{250}{\@tabacckludge'u}
1946 \DeclareInputText{251}{\^u}
1947 \DeclareInputText{252}{\"u}
1948 \DeclareInputText{253}{\@tabacckludge'y}
1949 \DeclareInputText{254}{\th}
1950 \DeclareInputText{255}{\"y}
1951 \RestoreAtCatcode
1952 </iso-8859-15>

```

#### 2.5.14 Encoding iso-8859-16

```

1953 <*iso-8859-16>
1954 \ProvidesFile{x-iso-8859-16.def}%
1955 [2010/01/11 v1.6 Input encoding iso-8859-16 (inputenx)]%
1956 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1957 \makeatletter
1958 \ProvideTextCommandDefault{\textcommabelow}[1]{%
1959   \hmode\bgroup
1960     \oalign{%
1961       \null#1\crr
1962       \hidewidth
1963       \raise-.31ex\hbox{%
1964         \check@mathfonts
1965         \fontsize\ssf@size\z@
1966         \math@fontsfalse\selectfont,%
1967       }%
1968       \hidewidth
1969     }%
1970   \egroup
1971 }
1972 \ProvideTextCommandDefault{\textdegree}{%
1973   \ensuremath{\^{\circ}}}%
1974 }
1975 \ProvideTextCommandDefault{\texteuro}{%
1976   \TextSymbolUnavailable\texteuro
1977 }
1978 \ProvideTextCommandDefault{\textpm}{%
1979   \ensuremath{\pm}
1980 }
1981 \DeclareInputText{160}{\nobreakspace}
1982 \DeclareInputText{161}{\k A}
1983 \DeclareInputText{162}{\k a}
1984 \DeclareInputText{163}{\L}
1985 \DeclareInputText{164}{\texteuro}
1986 \DeclareInputText{165}{\quotedblbase}
1987 \DeclareInputText{166}{\v S}
1988 \DeclareInputText{167}{\textsection}
1989 \DeclareInputText{168}{\v s}
1990 \DeclareInputText{169}{\textcopyright}
1991 \DeclareInputText{170}{\textcommabelow S}
1992 \DeclareInputText{171}{\guillemotleft}
1993 \DeclareInputText{172}{\@tabacckludge'Z}
1994 \DeclareInputText{173}{\--}
1995 \DeclareInputText{174}{\@tabacckludge'z}
1996 \DeclareInputText{175}{\ .Z}
1997 \DeclareInputText{176}{\textdegree}
1998 \DeclareInputText{177}{\textpm}

```

1999 \DeclareInputText{178}{\v C}  
 2000 \DeclareInputText{179}{\l}  
 2001 \DeclareInputText{180}{\v Z}  
 2002 \DeclareInputText{181}{\textquotedblright}  
 2003 \DeclareInputText{182}{\textparagraph}  
 2004 \DeclareInputText{183}{\textperiodcentered}  
 2005 \DeclareInputText{184}{\v z}  
 2006 \DeclareInputText{185}{\v c}  
 2007 \DeclareInputText{186}{\textcommabelow s}  
 2008 \DeclareInputText{187}{\guillemotright}  
 2009 \DeclareInputText{188}{\OE}  
 2010 \DeclareInputText{189}{\oe}  
 2011 \DeclareInputText{190}{\Y}  
 2012 \DeclareInputText{191}{\z}  
 2013 \DeclareInputText{192}{\@tabacckludge'A}  
 2014 \DeclareInputText{193}{\@tabacckludge'A}  
 2015 \DeclareInputText{194}{\^A}  
 2016 \DeclareInputText{195}{\u A}  
 2017 \DeclareInputText{196}{\A}  
 2018 \DeclareInputText{197}{\@tabacckludge'C}  
 2019 \DeclareInputText{198}{\AE}  
 2020 \DeclareInputText{199}{\c C}  
 2021 \DeclareInputText{200}{\@tabacckludge'E}  
 2022 \DeclareInputText{201}{\@tabacckludge'E}  
 2023 \DeclareInputText{202}{\^E}  
 2024 \DeclareInputText{203}{\E}  
 2025 \DeclareInputText{204}{\@tabacckludge'I}  
 2026 \DeclareInputText{205}{\@tabacckludge'I}  
 2027 \DeclareInputText{206}{\^I}  
 2028 \DeclareInputText{207}{\I}  
 2029 \DeclareInputText{208}{DJ}  
 2030 \DeclareInputText{209}{\@tabacckludge'N}  
 2031 \DeclareInputText{210}{\@tabacckludge'O}  
 2032 \DeclareInputText{211}{\@tabacckludge'O}  
 2033 \DeclareInputText{212}{\^O}  
 2034 \DeclareInputText{213}{\H O}  
 2035 \DeclareInputText{214}{\O}  
 2036 \DeclareInputText{215}{\@tabacckludge'S}  
 2037 \DeclareInputText{216}{\H U}  
 2038 \DeclareInputText{217}{\@tabacckludge'U}  
 2039 \DeclareInputText{218}{\@tabacckludge'U}  
 2040 \DeclareInputText{219}{\^U}  
 2041 \DeclareInputText{220}{\U}  
 2042 \DeclareInputText{221}{\k E}  
 2043 \DeclareInputText{222}{\textcommabelow T}  
 2044 \DeclareInputText{223}{\ss}  
 2045 \DeclareInputText{224}{\@tabacckludge'a}  
 2046 \DeclareInputText{225}{\@tabacckludge'a}  
 2047 \DeclareInputText{226}{\^a}  
 2048 \DeclareInputText{227}{\u a}  
 2049 \DeclareInputText{228}{\a}  
 2050 \DeclareInputText{229}{\@tabacckludge'c}  
 2051 \DeclareInputText{230}{\ae}  
 2052 \DeclareInputText{231}{\c c}  
 2053 \DeclareInputText{232}{\@tabacckludge'e}  
 2054 \DeclareInputText{233}{\@tabacckludge'e}  
 2055 \DeclareInputText{234}{\^e}  
 2056 \DeclareInputText{235}{\e}  
 2057 \DeclareInputText{236}{\@tabacckludge'i}  
 2058 \DeclareInputText{237}{\@tabacckludge'i}  
 2059 \DeclareInputText{238}{\^i}  
 2060 \DeclareInputText{239}{\i}

```

2061 \DeclareInputText{240}{\dj}
2062 \DeclareInputText{241}{\@tabacckludge'n}
2063 \DeclareInputText{242}{\@tabacckludge'o}
2064 \DeclareInputText{243}{\@tabacckludge'o}
2065 \DeclareInputText{244}{\^o}
2066 \DeclareInputText{245}{\H o}
2067 \DeclareInputText{246}{\"o}
2068 \DeclareInputText{247}{\@tabacckludge's}
2069 \DeclareInputText{248}{\H u}
2070 \DeclareInputText{249}{\@tabacckludge'u}
2071 \DeclareInputText{250}{\@tabacckludge'u}
2072 \DeclareInputText{251}{\^u}
2073 \DeclareInputText{252}{\"u}
2074 \DeclareInputText{253}{\k e}
2075 \DeclareInputText{254}{\textcommabelow t}
2076 \DeclareInputText{255}{\"y}
2077 \RestoreAtCatcode
2078 </iso-8859-16>

```

### 2.5.15 Encoding cp437

```

2079 <*cp437>
2080 \ProvidesFile{x-cp437.def}%
2081 [2010/01/11 v1.6 Input encoding cp437 (inputenx)]%
2082 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2083 \makeatletter
2084 \ProvideTextCommandDefault{\textGamma}{%
2085   \ensuremath\Gamma
2086 }
2087 \ProvideTextCommandDefault{\textOmega}{%
2088   \ensuremath\Omega
2089 }
2090 \ProvideTextCommandDefault{\textPhi}{%
2091   \ensuremath\Phi
2092 }
2093 \ProvideTextCommandDefault{\textSigma}{%
2094   \ensuremath\Sigma
2095 }
2096 \ProvideTextCommandDefault{\textTheta}{%
2097   \ensuremath\Theta
2098 }
2099 \ProvideTextCommandDefault{\textalpha}{%
2100   \ensuremath\alpha
2101 }
2102 \ProvideTextCommandDefault{\textapproxequal}{%
2103   \ensuremath\approx
2104 }
2105 \ProvideTextCommandDefault{\textblacksquare}{%
2106   \vrule \@width .3em \@height .4em \@depth -.1em\relax
2107 }
2108 \ProvideTextCommandDefault{\textcent}{%
2109   \TextSymbolUnavailable\textcent
2110 }
2111 \ProvideTextCommandDefault{\textdegree}{%
2112   \ensuremath{^\circ}
2113 }
2114 \ProvideTextCommandDefault{\textdelta}{%
2115   \ensuremath\delta
2116 }
2117 \ProvideTextCommandDefault{\textdiv}{%
2118   \TextSymbolUnavailable\textdiv
2119 }
2120 \ProvideTextCommandDefault{\textepsilon}{%
2121   \ensuremath\varepsilon

```



```

2122 }
2123 \ProvideTextCommandDefault{\textequivalence}{%
2124   \ensuremath\equiv
2125 }
2126 \ProvideTextCommandDefault{\textflorin}{%
2127   \textit{f}%
2128 }
2129 \ProvideTextCommandDefault{\textgreaterorequal}{%
2130   \ensuremath\geq
2131 }
2132 \ProvideTextCommandDefault{\textinfinity}{%
2133   \ensuremath\infty
2134 }
2135 \ProvideTextCommandDefault{\textintersection}{%
2136   \ensuremath\cap
2137 }
2138 \ProvideTextCommandDefault{\textlessequal}{%
2139   \ensuremath\leq
2140 }
2141 \ProvideTextCommandDefault{\textlnot}{%
2142   \ensuremath\not
2143 }
2144 \ProvideTextCommandDefault{\textmu}{%
2145   \ensuremath\mu
2146 }
2147 \ProvideTextCommandDefault{\textnsuperior}{%
2148   \ensuremath{{}^n}%
2149 }
2150 \ProvideTextCommandDefault{\textonehalf}{%
2151   \ensuremath{\frac{1}{2}}%
2152 }
2153 \ProvideTextCommandDefault{\textonequarter}{%
2154   \ensuremath{\frac{1}{4}}%
2155 }
2156 \ProvideTextCommandDefault{\textpeseta}{%
2157   Pt%
2158 }
2159 \ProvideTextCommandDefault{\textphi}{%
2160   \ensuremath\phi
2161 }
2162 \ProvideTextCommandDefault{\textpi}{%
2163   \ensuremath\pi
2164 }
2165 \ProvideTextCommandDefault{\textpm}{%
2166   \ensuremath\pm
2167 }
2168 \ProvideTextCommandDefault{\textrevlogicalnot}{%
2169   \begingroup
2170     \ifundefined{reflectbox}{%
2171       \TextSymbolUnavailable\textrevlogicalnot
2172     }{%
2173       \def\@revlogicalnot##1##2{%
2174         \reflectbox{##1##2}%
2175       }%
2176       \ensuremath{\mathpalette\@revlogicalnot\not}%
2177     }%
2178   \endgroup
2179 }
2180 \ProvideTextCommandDefault{\textsigma}{%
2181   \ensuremath\sigma
2182 }
2183 \ProvideTextCommandDefault{\textsurd}{%

```

```

2184 \ensuremath\surd
2185 }
2186 \ProvideTextCommandDefault{\texttau}{%
2187 \ensuremath\tau
2188 }
2189 \ProvideTextCommandDefault{\texttwosuperior}{%
2190 \ensuremath{{}^2}}%
2191 }
2192 \ProvideTextCommandDefault{\textyen}{%
2193 \TextSymbolUnavailable\textyen
2194 }
2195 \DeclareInputText{128}{\c C}
2196 \DeclareInputText{129}{\u}
2197 \DeclareInputText{130}{\@tabacckludge'e}
2198 \DeclareInputText{131}{\^a}
2199 \DeclareInputText{132}{\a}
2200 \DeclareInputText{133}{\@tabacckludge'a}
2201 \DeclareInputText{134}{\r a}
2202 \DeclareInputText{135}{\c c}
2203 \DeclareInputText{136}{\^e}
2204 \DeclareInputText{137}{\e}
2205 \DeclareInputText{138}{\@tabacckludge'e}
2206 \DeclareInputText{139}{\i}
2207 \DeclareInputText{140}{\^i}
2208 \DeclareInputText{141}{\@tabacckludge'i}
2209 \DeclareInputText{142}{\A}
2210 \DeclareInputText{143}{\r A}
2211 \DeclareInputText{144}{\@tabacckludge'E}
2212 \DeclareInputText{145}{\ae}
2213 \DeclareInputText{146}{\AE}
2214 \DeclareInputText{147}{\^o}
2215 \DeclareInputText{148}{\o}
2216 \DeclareInputText{149}{\@tabacckludge'o}
2217 \DeclareInputText{150}{\^u}
2218 \DeclareInputText{151}{\@tabacckludge'u}
2219 \DeclareInputText{152}{\y}
2220 \DeclareInputText{153}{\O}
2221 \DeclareInputText{154}{\U}
2222 \DeclareInputText{155}{\textcent}
2223 \DeclareInputText{156}{\textsterling}
2224 \DeclareInputText{157}{\textyen}
2225 \DeclareInputText{158}{\textpeseta}
2226 \DeclareInputText{159}{\textflorin}
2227 \DeclareInputText{160}{\@tabacckludge'a}
2228 \DeclareInputText{161}{\@tabacckludge'i}
2229 \DeclareInputText{162}{\@tabacckludge'o}
2230 \DeclareInputText{163}{\@tabacckludge'u}
2231 \DeclareInputText{164}{\~n}
2232 \DeclareInputText{165}{\~N}
2233 \DeclareInputText{166}{\textordfeminine}
2234 \DeclareInputText{167}{\textordmasculine}
2235 \DeclareInputText{168}{\textquestiondown}
2236 \DeclareInputText{169}{\textrevlogicalnot}
2237 \DeclareInputText{170}{\textlnot}
2238 \DeclareInputText{171}{\textonehalf}
2239 \DeclareInputText{172}{\textonequarter}
2240 \DeclareInputText{173}{\textexclamdown}
2241 \DeclareInputText{174}{\guillemotleft}
2242 \DeclareInputText{175}{\guillemotright}
2243 \DeclareInputText{176}{\textltshade}
2244 \DeclareInputText{177}{\textshade}
2245 \DeclareInputText{178}{\textdkshade}

```

```

2246 \DeclareInputText{179}{\textSFxi}
2247 \DeclareInputText{180}{\textSFix}
2248 \DeclareInputText{181}{\textSFxix}
2249 \DeclareInputText{182}{\textSFxx}
2250 \DeclareInputText{183}{\textSFxxi}
2251 \DeclareInputText{184}{\textSFxxii}
2252 \DeclareInputText{185}{\textSFxxiii}
2253 \DeclareInputText{186}{\textSFxxiv}
2254 \DeclareInputText{187}{\textSFxxv}
2255 \DeclareInputText{188}{\textSFxxvi}
2256 \DeclareInputText{189}{\textSFxxvii}
2257 \DeclareInputText{190}{\textSFxxviii}
2258 \DeclareInputText{191}{\textSFiii}
2259 \DeclareInputText{192}{\textSFii}
2260 \DeclareInputText{193}{\textSFvii}
2261 \DeclareInputText{194}{\textSFvi}
2262 \DeclareInputText{195}{\textSFviii}
2263 \DeclareInputText{196}{\textSFx}
2264 \DeclareInputText{197}{\textSFv}
2265 \DeclareInputText{198}{\textSFxxxvi}
2266 \DeclareInputText{199}{\textSFxxxvii}
2267 \DeclareInputText{200}{\textSFxxxviii}
2268 \DeclareInputText{201}{\textSFxxxix}
2269 \DeclareInputText{202}{\textSFxl}
2270 \DeclareInputText{203}{\textSFxli}
2271 \DeclareInputText{204}{\textSFxlii}
2272 \DeclareInputText{205}{\textSFxliii}
2273 \DeclareInputText{206}{\textSFxliv}
2274 \DeclareInputText{207}{\textSFxlv}
2275 \DeclareInputText{208}{\textSFxlvi}
2276 \DeclareInputText{209}{\textSFxlvii}
2277 \DeclareInputText{210}{\textSFxlvi}
2278 \DeclareInputText{211}{\textSFxliv}
2279 \DeclareInputText{212}{\textSFli}
2280 \DeclareInputText{213}{\textSFlii}
2281 \DeclareInputText{214}{\textSFliii}
2282 \DeclareInputText{215}{\textSFliiv}
2283 \DeclareInputText{216}{\textSFlii}
2284 \DeclareInputText{217}{\textSFli}
2285 \DeclareInputText{218}{\textSFli}
2286 \DeclareInputText{219}{\textblock}
2287 \DeclareInputText{220}{\textdnblock}
2288 \DeclareInputText{221}{\textlfblock}
2289 \DeclareInputText{222}{\textrtblock}
2290 \DeclareInputText{223}{\textupblock}
2291 \DeclareInputText{224}{\textalpha}
2292 \DeclareInputText{225}{\ss}
2293 \DeclareInputText{226}{\textGamma}
2294 \DeclareInputText{227}{\textpi}
2295 \DeclareInputText{228}{\textSigma}
2296 \DeclareInputText{229}{\textsigma}
2297 \DeclareInputText{230}{\textmu}
2298 \DeclareInputText{231}{\texttau}
2299 \DeclareInputText{232}{\textPhi}
2300 \DeclareInputText{233}{\textTheta}
2301 \DeclareInputText{234}{\textOmega}
2302 \DeclareInputText{235}{\textdelta}
2303 \DeclareInputText{236}{\textinfinity}
2304 \DeclareInputText{237}{\textphi}
2305 \DeclareInputText{238}{\textepsilon}
2306 \DeclareInputText{239}{\textintersection}
2307 \DeclareInputText{240}{\textequivalence}

```

```

2308 \DeclareInputText{241}{\textpm}
2309 \DeclareInputText{242}{\textgreaterorequal}
2310 \DeclareInputText{243}{\textlessequal}
2311 \DeclareInputText{246}{\textdiv}
2312 \DeclareInputText{247}{\textapproxequal}
2313 \DeclareInputText{248}{\textdegree}
2314 \DeclareInputText{249}{\textbullet}
2315 \DeclareInputText{250}{\textperiodcentered}
2316 \DeclareInputText{251}{\textsurd}
2317 \DeclareInputText{252}{\textnsuperior}
2318 \DeclareInputText{253}{\texttwosuperior}
2319 \DeclareInputText{254}{\textblacksquare}
2320 \DeclareInputText{255}{\nobreakspace}
2321 \RestoreAtCatcode
2322 </cp437>

```

### 2.5.16 Encoding cp850

```

2323 <*cp850>
2324 \ProvidesFile{x-cp850.def}%
2325 [2010/01/11 v1.6 Input encoding cp850 (inputenx)]%
2326 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2327 \makeatletter
2328 \ProvideTextCommandDefault{\textasciicute}{%
2329 \@tabacckludge'}{%
2330 }
2331 \ProvideTextCommandDefault{\textasciidieresis}{%
2332 \"}{%
2333 }
2334 \ProvideTextCommandDefault{\textasciimacron}{%
2335 \@tabacckludge=}{%
2336 }
2337 \ProvideTextCommandDefault{\textblacksquare}{%
2338 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2339 }
2340 \ProvideTextCommandDefault{\textbrokenbar}{%
2341 \TextSymbolUnavailable\textbrokenbar
2342 }
2343 \ProvideTextCommandDefault{\textcent}{%
2344 \TextSymbolUnavailable\textcent
2345 }
2346 \ProvideTextCommandDefault{\textcurrency}{%
2347 \TextSymbolUnavailable\textcurrency
2348 }
2349 \ProvideTextCommandDefault{\textdbllowline}{%
2350 \begingroup
2351 \sbox0{\textunderscore}%
2352 \leavevmode
2353 \ifdim\dp0<.2ex\relax
2354 \rlap{\raisebox{-.2ex}[0pt]{\textunderscore}}%
2355 \else
2356 \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
2357 \fi
2358 \textunderscore
2359 \endgroup
2360 }
2361 \ProvideTextCommandDefault{\textdegree}{%
2362 \ensuremath{{}^\circ}}%
2363 }
2364 \ProvideTextCommandDefault{\textdiv}{%
2365 \TextSymbolUnavailable\textdiv
2366 }
2367 \ProvideTextCommandDefault{\textflorin}{%
2368 \textit{f}}%

```

```

2369 }
2370 \ProvideTextCommandDefault{\textlnot}{%
2371   \ensuremath{\lnot}
2372 }
2373 \ProvideTextCommandDefault{\textmu}{%
2374   \ensuremath{\mu}
2375 }
2376 \ProvideTextCommandDefault{\textonehalf}{%
2377   \ensuremath{\frac{1}{2}}%
2378 }
2379 \ProvideTextCommandDefault{\textonequarter}{%
2380   \ensuremath{\frac{1}{4}}%
2381 }
2382 \ProvideTextCommandDefault{\textonesuperior}{%
2383   \ensuremath{{}^1}%
2384 }
2385 \ProvideTextCommandDefault{\textpm}{%
2386   \ensuremath{\pm}
2387 }
2388 \ProvideTextCommandDefault{\textthreequarters}{%
2389   \ensuremath{\frac{3}{4}}%
2390 }
2391 \ProvideTextCommandDefault{\textthreesuperior}{%
2392   \ensuremath{{}^3}%
2393 }
2394 \ProvideTextCommandDefault{\texttimes}{%
2395   \ensuremath{\times}
2396 }
2397 \ProvideTextCommandDefault{\texttwosuperior}{%
2398   \ensuremath{{}^2}%
2399 }
2400 \ProvideTextCommandDefault{\textyen}{%
2401   \TextSymbolUnavailable\textyen
2402 }
2403 \DeclareInputText{128}{\c C}
2404 \DeclareInputText{129}{\u}
2405 \DeclareInputText{130}{\@tabacckludge'e}
2406 \DeclareInputText{131}{\^a}
2407 \DeclareInputText{132}{\a}
2408 \DeclareInputText{133}{\@tabacckludge'a}
2409 \DeclareInputText{134}{\r a}
2410 \DeclareInputText{135}{\c c}
2411 \DeclareInputText{136}{\^e}
2412 \DeclareInputText{137}{\e}
2413 \DeclareInputText{138}{\@tabacckludge'e}
2414 \DeclareInputText{139}{\i}
2415 \DeclareInputText{140}{\^i}
2416 \DeclareInputText{141}{\@tabacckludge'i}
2417 \DeclareInputText{142}{\A}
2418 \DeclareInputText{143}{\r A}
2419 \DeclareInputText{144}{\@tabacckludge'E}
2420 \DeclareInputText{145}{\ae}
2421 \DeclareInputText{146}{\AE}
2422 \DeclareInputText{147}{\^o}
2423 \DeclareInputText{148}{\o}
2424 \DeclareInputText{149}{\@tabacckludge'o}
2425 \DeclareInputText{150}{\^u}
2426 \DeclareInputText{151}{\@tabacckludge'u}
2427 \DeclareInputText{152}{\y}
2428 \DeclareInputText{153}{\O}
2429 \DeclareInputText{154}{\U}
2430 \DeclareInputText{155}{\o}

```

```

2431 \DeclareInputText{156}{\textsterling}
2432 \DeclareInputText{157}{\0}
2433 \DeclareInputText{158}{\texttimes}
2434 \DeclareInputText{159}{\textflorin}
2435 \DeclareInputText{160}{\@tabacckludge'a}
2436 \DeclareInputText{161}{\@tabacckludge'i}
2437 \DeclareInputText{162}{\@tabacckludge'o}
2438 \DeclareInputText{163}{\@tabacckludge'u}
2439 \DeclareInputText{164}{\~n}
2440 \DeclareInputText{165}{\~N}
2441 \DeclareInputText{166}{\textordfeminine}
2442 \DeclareInputText{167}{\textordmasculine}
2443 \DeclareInputText{168}{\textquestiondown}
2444 \DeclareInputText{169}{\textregistered}
2445 \DeclareInputText{170}{\textlnot}
2446 \DeclareInputText{171}{\textonehalf}
2447 \DeclareInputText{172}{\textonequarter}
2448 \DeclareInputText{173}{\textexclamdown}
2449 \DeclareInputText{174}{\guillemotleft}
2450 \DeclareInputText{175}{\guillemotright}
2451 \DeclareInputText{176}{\textltshade}
2452 \DeclareInputText{177}{\textshade}
2453 \DeclareInputText{178}{\textdkshade}
2454 \DeclareInputText{179}{\textSFxi}
2455 \DeclareInputText{180}{\textSFix}
2456 \DeclareInputText{181}{\@tabacckludge'A}
2457 \DeclareInputText{182}{\^A}
2458 \DeclareInputText{183}{\@tabacckludge'A}
2459 \DeclareInputText{184}{\textcopyright}
2460 \DeclareInputText{185}{\textSFxxiii}
2461 \DeclareInputText{186}{\textSFxxiv}
2462 \DeclareInputText{187}{\textSFxxv}
2463 \DeclareInputText{188}{\textSFxxvi}
2464 \DeclareInputText{189}{\textcent}
2465 \DeclareInputText{190}{\textyen}
2466 \DeclareInputText{191}{\textSFiii}
2467 \DeclareInputText{192}{\textSFii}
2468 \DeclareInputText{193}{\textSFvii}
2469 \DeclareInputText{194}{\textSFvi}
2470 \DeclareInputText{195}{\textSFviii}
2471 \DeclareInputText{196}{\textSFx}
2472 \DeclareInputText{197}{\textSFv}
2473 \DeclareInputText{198}{\~a}
2474 \DeclareInputText{199}{\^A}
2475 \DeclareInputText{200}{\textSFxxxviii}
2476 \DeclareInputText{201}{\textSFxxxix}
2477 \DeclareInputText{202}{\textSFxl}
2478 \DeclareInputText{203}{\textSFxli}
2479 \DeclareInputText{204}{\textSFxlii}
2480 \DeclareInputText{205}{\textSFxliii}
2481 \DeclareInputText{206}{\textSFxliv}
2482 \DeclareInputText{207}{\textcurrency}
2483 \DeclareInputText{208}{\dh}
2484 \DeclareInputText{209}{\DH}
2485 \DeclareInputText{210}{\^E}
2486 \DeclareInputText{211}{\^E}
2487 \DeclareInputText{212}{\@tabacckludge'E}
2488 \DeclareInputText{213}{\i}
2489 \DeclareInputText{214}{\@tabacckludge'I}
2490 \DeclareInputText{215}{\^I}
2491 \DeclareInputText{216}{\^I}
2492 \DeclareInputText{217}{\textSFiv}

```

```

2493 \DeclareInputText{218}{\textSfi}
2494 \DeclareInputText{219}{\textblock}
2495 \DeclareInputText{220}{\textdnblock}
2496 \DeclareInputText{221}{\textbrokenbar}
2497 \DeclareInputText{222}{\@tabacckludge'I}
2498 \DeclareInputText{223}{\textupblock}
2499 \DeclareInputText{224}{\@tabacckludge'O}
2500 \DeclareInputText{225}{\ss}
2501 \DeclareInputText{226}{\^O}
2502 \DeclareInputText{227}{\@tabacckludge'O}
2503 \DeclareInputText{228}{\^o}
2504 \DeclareInputText{229}{\^0}
2505 \DeclareInputText{230}{\textmu}
2506 \DeclareInputText{231}{\th}
2507 \DeclareInputText{232}{\TH}
2508 \DeclareInputText{233}{\@tabacckludge'U}
2509 \DeclareInputText{234}{\^U}
2510 \DeclareInputText{235}{\@tabacckludge'U}
2511 \DeclareInputText{236}{\@tabacckludge'y}
2512 \DeclareInputText{237}{\@tabacckludge'Y}
2513 \DeclareInputText{238}{\textasciimacron}
2514 \DeclareInputText{239}{\textasciiacute}
2515 \DeclareInputText{240}{\textasciitilde}
2516 \DeclareInputText{241}{\textpm}
2517 \DeclareInputText{242}{\textdbllowline}
2518 \DeclareInputText{243}{\textthreequarters}
2519 \DeclareInputText{244}{\textparagraph}
2520 \DeclareInputText{245}{\textsection}
2521 \DeclareInputText{246}{\textdiv}
2522 \DeclareInputText{247}{\c\ }
2523 \DeclareInputText{248}{\textdegree}
2524 \DeclareInputText{249}{\textasciidieresis}
2525 \DeclareInputText{250}{\textperiodcentered}
2526 \DeclareInputText{251}{\textonesuperior}
2527 \DeclareInputText{252}{\textthreesuperior}
2528 \DeclareInputText{253}{\texttwosuperior}
2529 \DeclareInputText{254}{\textblacksquare}
2530 \DeclareInputText{255}{\nobreakspace}
2531 \RestoreAtCatcode
2532 \</cp850>

```

### 2.5.17 Encoding cp852

```

2533 \<*cp852>
2534 \ProvidesFile{x-cp852.def}%
2535 [2010/01/11 v1.6 Input encoding cp852 (inputenx)]%
2536 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2537 \makeatletter
2538 \ProvideTextCommandDefault{\textacutedbl}{%
2539   \H{}}%
2540 }
2541 \ProvideTextCommandDefault{\textasciiacute}{%
2542   \@tabacckludge'{}%
2543 }
2544 \ProvideTextCommandDefault{\textasciibreve}{%
2545   \u{}}%
2546 }
2547 \ProvideTextCommandDefault{\textasciicaron}{%
2548   \v{}}%
2549 }
2550 \ProvideTextCommandDefault{\textasciidieresis}{%
2551   \"{}}%
2552 }
2553 \ProvideTextCommandDefault{\textblacksquare}{%

```

```

2554 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2555 }
2556 \ProvideTextCommandDefault{\textcurrency}{%
2557 \TextSymbolUnavailable\textcurrency
2558 }
2559 \ProvideTextCommandDefault{\textdegree}{%
2560 \ensuremath{{}^{\circ}}}%
2561 }
2562 \ProvideTextCommandDefault{\textdiv}{%
2563 \TextSymbolUnavailable\textdiv
2564 }
2565 \ProvideTextCommandDefault{\textlnot}{%
2566 \ensuremath{\nmid}%
2567 }
2568 \ProvideTextCommandDefault{\texttimes}{%
2569 \ensuremath{\times}%
2570 }
2571 \DeclareInputText{128}{\c C}
2572 \DeclareInputText{129}{\u}
2573 \DeclareInputText{130}{\@tabacckludge'e}
2574 \DeclareInputText{131}{\^a}
2575 \DeclareInputText{132}{\a}
2576 \DeclareInputText{133}{\r u}
2577 \DeclareInputText{134}{\@tabacckludge'c}
2578 \DeclareInputText{135}{\c c}
2579 \DeclareInputText{136}{\l}
2580 \DeclareInputText{137}{\e}
2581 \DeclareInputText{138}{\H O}
2582 \DeclareInputText{139}{\H o}
2583 \DeclareInputText{140}{\^i}
2584 \DeclareInputText{141}{\@tabacckludge'Z}
2585 \DeclareInputText{142}{\A}
2586 \DeclareInputText{143}{\@tabacckludge'C}
2587 \DeclareInputText{144}{\@tabacckludge'E}
2588 \DeclareInputText{145}{\@tabacckludge'L}
2589 \DeclareInputText{146}{\@tabacckludge'l}
2590 \DeclareInputText{147}{\^o}
2591 \DeclareInputText{148}{\o}
2592 \DeclareInputText{149}{\v L}
2593 \DeclareInputText{150}{\v l}
2594 \DeclareInputText{151}{\@tabacckludge'S}
2595 \DeclareInputText{152}{\@tabacckludge's}
2596 \DeclareInputText{153}{\O}
2597 \DeclareInputText{154}{\U}
2598 \DeclareInputText{155}{\v T}
2599 \DeclareInputText{156}{\v t}
2600 \DeclareInputText{157}{\L}
2601 \DeclareInputText{158}{\texttimes}
2602 \DeclareInputText{159}{\v c}
2603 \DeclareInputText{160}{\@tabacckludge'a}
2604 \DeclareInputText{161}{\@tabacckludge'i}
2605 \DeclareInputText{162}{\@tabacckludge'o}
2606 \DeclareInputText{163}{\@tabacckludge'u}
2607 \DeclareInputText{164}{\k A}
2608 \DeclareInputText{165}{\k a}
2609 \DeclareInputText{166}{\v Z}
2610 \DeclareInputText{167}{\v z}
2611 \DeclareInputText{168}{\k E}
2612 \DeclareInputText{169}{\k e}
2613 \DeclareInputText{170}{\textlnot}
2614 \DeclareInputText{171}{\@tabacckludge'z}
2615 \DeclareInputText{172}{\v C}

```



```

2616 \DeclareInputText{173}{\c s}
2617 \DeclareInputText{174}{\guillemotleft}
2618 \DeclareInputText{175}{\guillemotright}
2619 \DeclareInputText{176}{\textit{shade}}
2620 \DeclareInputText{177}{\text{shade}}
2621 \DeclareInputText{178}{\text{dkshade}}
2622 \DeclareInputText{179}{\text{SFxi}}
2623 \DeclareInputText{180}{\text{SFix}}
2624 \DeclareInputText{181}{\@tabacckludge'A}
2625 \DeclareInputText{182}{\^A}
2626 \DeclareInputText{183}{\v E}
2627 \DeclareInputText{184}{\c S}
2628 \DeclareInputText{185}{\text{SFxxiii}}
2629 \DeclareInputText{186}{\text{SFxxiv}}
2630 \DeclareInputText{187}{\text{SFxxv}}
2631 \DeclareInputText{188}{\text{SFxxvi}}
2632 \DeclareInputText{189}{\ .Z}
2633 \DeclareInputText{190}{\ .z}
2634 \DeclareInputText{191}{\text{SFiii}}
2635 \DeclareInputText{192}{\text{SFii}}
2636 \DeclareInputText{193}{\text{SFvii}}
2637 \DeclareInputText{194}{\text{SFvi}}
2638 \DeclareInputText{195}{\text{SFviii}}
2639 \DeclareInputText{196}{\text{SFx}}
2640 \DeclareInputText{197}{\text{SFv}}
2641 \DeclareInputText{198}{\u A}
2642 \DeclareInputText{199}{\u a}
2643 \DeclareInputText{200}{\text{SFxxxviii}}
2644 \DeclareInputText{201}{\text{SFxxxix}}
2645 \DeclareInputText{202}{\text{SFxl}}
2646 \DeclareInputText{203}{\text{SFxli}}
2647 \DeclareInputText{204}{\text{SFxlii}}
2648 \DeclareInputText{205}{\text{SFxl iii}}
2649 \DeclareInputText{206}{\text{SFxliv}}
2650 \DeclareInputText{207}{\text{currency}}
2651 \DeclareInputText{208}{\dj}
2652 \DeclareInputText{209}{\DJ}
2653 \DeclareInputText{210}{\v D}
2654 \DeclareInputText{211}{\ "E}
2655 \DeclareInputText{212}{\v d}
2656 \DeclareInputText{213}{\v N}
2657 \DeclareInputText{214}{\@tabacckludge'I}
2658 \DeclareInputText{215}{\^I}
2659 \DeclareInputText{216}{\v e}
2660 \DeclareInputText{217}{\text{SFiv}}
2661 \DeclareInputText{218}{\text{SF i}}
2662 \DeclareInputText{219}{\text{block}}
2663 \DeclareInputText{220}{\text{dnblock}}
2664 \DeclareInputText{221}{\c T}
2665 \DeclareInputText{222}{\r U}
2666 \DeclareInputText{223}{\text{upblock}}
2667 \DeclareInputText{224}{\@tabacckludge'O}
2668 \DeclareInputText{225}{\ss}
2669 \DeclareInputText{226}{\^O}
2670 \DeclareInputText{227}{\@tabacckludge'N}
2671 \DeclareInputText{228}{\@tabacckludge'n}
2672 \DeclareInputText{229}{\v n}
2673 \DeclareInputText{230}{\v S}
2674 \DeclareInputText{231}{\v s}
2675 \DeclareInputText{232}{\@tabacckludge'R}
2676 \DeclareInputText{233}{\@tabacckludge'U}
2677 \DeclareInputText{234}{\@tabacckludge'r}

```

```

2678 \DeclareInputText{235}{\H U}
2679 \DeclareInputText{236}{\@tabacckludge'y}
2680 \DeclareInputText{237}{\@tabacckludge'Y}
2681 \DeclareInputText{238}{\c t}
2682 \DeclareInputText{239}{\textasciiacute}
2683 \DeclareInputText{240}{\{-}
2684 \DeclareInputText{241}{\textacutedbl}
2685 \DeclareInputText{242}{\k{}}
2686 \DeclareInputText{243}{\textasciicaron}
2687 \DeclareInputText{244}{\textasciibreve}
2688 \DeclareInputText{245}{\textsection}
2689 \DeclareInputText{246}{\textdiv}
2690 \DeclareInputText{247}{\c\ }
2691 \DeclareInputText{248}{\textdegree}
2692 \DeclareInputText{249}{\textasciidieresis}
2693 \DeclareInputText{250}{\{.\}}
2694 \DeclareInputText{251}{\H u}
2695 \DeclareInputText{252}{\v R}
2696 \DeclareInputText{253}{\v r}
2697 \DeclareInputText{254}{\textblacksquare}
2698 \DeclareInputText{255}{\nobreakspace}
2699 \RestoreAtCatcode
2700 </cp852>

```

### 2.5.18 Encoding cp855

```

2701 <*cp855>
2702 \ProvidesFile{x-cp855.def}%
2703 [2010/01/11 v1.6 Input encoding cp855 (inputenx)]%
2704 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2705 \makeatletter
2706 \ProvideTextCommandDefault{\textblacksquare}{%
2707 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2708 }
2709 \ProvideTextCommandDefault{\textcurrency}{%
2710 \TextSymbolUnavailable\textcurrency
2711 }
2712 \ProvideTextCommandDefault{\textnumero}{%
2713 N%
2714 \bgroup
2715 \check@mathfonts
2716 \fontsize\sf@size\z@
2717 \math@fontsfalse
2718 \selectfont
2719 \ooalign{%
2720 \raise0.5ex\hbox{o}%
2721 \crrr
2722 \hline
2723 }%
2724 \egroup
2725 }
2726 \DeclareInputText{128}{\cyrdje}
2727 \DeclareInputText{129}{\CYRDJE}
2728 \DeclareInputText{130}{\@tabacckludge'\cyrg}
2729 \DeclareInputText{131}{\@tabacckludge'\CYRG}
2730 \DeclareInputText{132}{\cyryo}
2731 \DeclareInputText{133}{\CYRYO}
2732 \DeclareInputText{134}{\cyrie}
2733 \DeclareInputText{135}{\CYRIE}
2734 \DeclareInputText{136}{\cyrdze}
2735 \DeclareInputText{137}{\CYRDZE}
2736 \DeclareInputText{138}{\cyrii}
2737 \DeclareInputText{139}{\CYRII}
2738 \DeclareInputText{140}{\cyryi}

```

```

2739 \DeclareInputText{141}{\CYRYI}
2740 \DeclareInputText{142}{\cyrje}
2741 \DeclareInputText{143}{\CYRJE}
2742 \DeclareInputText{144}{\cyrlje}
2743 \DeclareInputText{145}{\CYRLJE}
2744 \DeclareInputText{146}{\cyrnje}
2745 \DeclareInputText{147}{\CYRNJE}
2746 \DeclareInputText{148}{\cyrtshe}
2747 \DeclareInputText{149}{\CYRTSHE}
2748 \DeclareInputText{150}{\@tabacckludge'\cyrk}
2749 \DeclareInputText{151}{\@tabacckludge'\CYRK}
2750 \DeclareInputText{152}{\cyrushrt}
2751 \DeclareInputText{153}{\CYRUSHRT}
2752 \DeclareInputText{154}{\cyrdzhe}
2753 \DeclareInputText{155}{\CYRDZHE}
2754 \DeclareInputText{156}{\cyrju}
2755 \DeclareInputText{157}{\CYRYU}
2756 \DeclareInputText{158}{\cyrhrdsn}
2757 \DeclareInputText{159}{\CYRHRDSN}
2758 \DeclareInputText{160}{\cyra}
2759 \DeclareInputText{161}{\CYRA}
2760 \DeclareInputText{162}{\cyrb}
2761 \DeclareInputText{163}{\CYRB}
2762 \DeclareInputText{164}{\cyrc}
2763 \DeclareInputText{165}{\CYRC}
2764 \DeclareInputText{166}{\cyrd}
2765 \DeclareInputText{167}{\CYRD}
2766 \DeclareInputText{168}{\cyre}
2767 \DeclareInputText{169}{\CYRE}
2768 \DeclareInputText{170}{\cyrf}
2769 \DeclareInputText{171}{\CYRF}
2770 \DeclareInputText{172}{\cyrg}
2771 \DeclareInputText{173}{\CYRG}
2772 \DeclareInputText{174}{\guillemotleft}
2773 \DeclareInputText{175}{\guillemotright}
2774 \DeclareInputText{176}{\textltshade}
2775 \DeclareInputText{177}{\textshade}
2776 \DeclareInputText{178}{\textdkshade}
2777 \DeclareInputText{179}{\textSFxi}
2778 \DeclareInputText{180}{\textSFix}
2779 \DeclareInputText{181}{\cyrh}
2780 \DeclareInputText{182}{\CYRH}
2781 \DeclareInputText{183}{\cyrj}
2782 \DeclareInputText{184}{\CYRI}
2783 \DeclareInputText{185}{\textSFxxiii}
2784 \DeclareInputText{186}{\textSFxxiv}
2785 \DeclareInputText{187}{\textSFxxv}
2786 \DeclareInputText{188}{\textSFxxvi}
2787 \DeclareInputText{189}{\cyrishrt}
2788 \DeclareInputText{190}{\CYRISHRT}
2789 \DeclareInputText{191}{\textSFiii}
2790 \DeclareInputText{192}{\textSFii}
2791 \DeclareInputText{193}{\textSFvii}
2792 \DeclareInputText{194}{\textSFvi}
2793 \DeclareInputText{195}{\textSFviii}
2794 \DeclareInputText{196}{\textSFx}
2795 \DeclareInputText{197}{\textSFv}
2796 \DeclareInputText{198}{\cyrk}
2797 \DeclareInputText{199}{\CYRK}
2798 \DeclareInputText{200}{\textSFxxxviii}
2799 \DeclareInputText{201}{\textSFxxxix}
2800 \DeclareInputText{202}{\textSFxl}

```

```

2801 \DeclareInputText{203}{\textSFxli}
2802 \DeclareInputText{204}{\textSFxlii}
2803 \DeclareInputText{205}{\textSFxliii}
2804 \DeclareInputText{206}{\textSFxliv}
2805 \DeclareInputText{207}{\textcurrency}
2806 \DeclareInputText{208}{\cyr1}
2807 \DeclareInputText{209}{\CYRL}
2808 \DeclareInputText{210}{\cyrM}
2809 \DeclareInputText{211}{\CYRM}
2810 \DeclareInputText{212}{\cyrn}
2811 \DeclareInputText{213}{\CYRN}
2812 \DeclareInputText{214}{\cyro}
2813 \DeclareInputText{215}{\CYRO}
2814 \DeclareInputText{216}{\cyrp}
2815 \DeclareInputText{217}{\textSFiv}
2816 \DeclareInputText{218}{\textSFi}
2817 \DeclareInputText{219}{\textblock}
2818 \DeclareInputText{220}{\textdnblock}
2819 \DeclareInputText{221}{\CYRP}
2820 \DeclareInputText{222}{\cyrYA}
2821 \DeclareInputText{223}{\textupblock}
2822 \DeclareInputText{224}{\CYRYA}
2823 \DeclareInputText{225}{\cyrR}
2824 \DeclareInputText{226}{\CYRR}
2825 \DeclareInputText{227}{\cyrS}
2826 \DeclareInputText{228}{\CYRS}
2827 \DeclareInputText{229}{\cyrT}
2828 \DeclareInputText{230}{\CYRT}
2829 \DeclareInputText{231}{\cyrU}
2830 \DeclareInputText{232}{\CYRU}
2831 \DeclareInputText{233}{\cyrzh}
2832 \DeclareInputText{234}{\CYRZH}
2833 \DeclareInputText{235}{\cyrV}
2834 \DeclareInputText{236}{\CYRV}
2835 \DeclareInputText{237}{\cyrSFTsn}
2836 \DeclareInputText{238}{\CYRSFTSN}
2837 \DeclareInputText{239}{\textnumero}
2838 \DeclareInputText{240}{\textasciicircum}
2839 \DeclareInputText{241}{\cyrery}
2840 \DeclareInputText{242}{\CYRERY}
2841 \DeclareInputText{243}{\cyrz}
2842 \DeclareInputText{244}{\CYRZ}
2843 \DeclareInputText{245}{\cyrsh}
2844 \DeclareInputText{246}{\CYRSH}
2845 \DeclareInputText{247}{\cyrerev}
2846 \DeclareInputText{248}{\CYREREV}
2847 \DeclareInputText{249}{\cyrshch}
2848 \DeclareInputText{250}{\CYRSHCH}
2849 \DeclareInputText{251}{\cyrch}
2850 \DeclareInputText{252}{\CYRCH}
2851 \DeclareInputText{253}{\textsection}
2852 \DeclareInputText{254}{\textblacksquare}
2853 \DeclareInputText{255}{\nobreakspace}
2854 \RestoreAtCatcode
2855 \cp855)

```

## 2.5.19 Encoding cp858

```

2856 \cp858
2857 \ProvidesFile{x-cp858.def}%
2858 [2010/01/11 v1.6 Input encoding cp858 (inputenx)]%
2859 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2860 \makeatletter
2861 \ProvideTextCommandDefault{\textasciicircum}{%

```

```

2862 \@tabacckludge'{}%
2863 }
2864 \ProvideTextCommandDefault{\textasciidieresis}{%
2865 \{"}%
2866 }
2867 \ProvideTextCommandDefault{\textasciimacron}{%
2868 \@tabacckludge={}%
2869 }
2870 \ProvideTextCommandDefault{\textblacksquare}{%
2871 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2872 }
2873 \ProvideTextCommandDefault{\textbrokenbar}{%
2874 \TextSymbolUnavailable\textbrokenbar
2875 }
2876 \ProvideTextCommandDefault{\textcent}{%
2877 \TextSymbolUnavailable\textcent
2878 }
2879 \ProvideTextCommandDefault{\textcurrency}{%
2880 \TextSymbolUnavailable\textcurrency
2881 }
2882 \ProvideTextCommandDefault{\textdbllowline}{%
2883 \beginngroup
2884 \sbox0{\textunderscore}%
2885 \leavevmode
2886 \ifdim\dp0<.2ex\relax
2887 \rlap{\raisebox{-.2ex}[0pt]{\textunderscore}}%
2888 \else
2889 \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
2890 \fi
2891 \textunderscore
2892 \endgroup
2893 }
2894 \ProvideTextCommandDefault{\textdegree}{%
2895 \ensuremath{{}^\circ}}%
2896 }
2897 \ProvideTextCommandDefault{\textdiv}{%
2898 \TextSymbolUnavailable\textdiv
2899 }
2900 \ProvideTextCommandDefault{\texteuro}{%
2901 \TextSymbolUnavailable\texteuro
2902 }
2903 \ProvideTextCommandDefault{\textflorin}{%
2904 \textit{f}}%
2905 }
2906 \ProvideTextCommandDefault{\textlnot}{%
2907 \ensuremath{\lnot}
2908 }
2909 \ProvideTextCommandDefault{\textmu}{%
2910 \ensuremath{\mu}
2911 }
2912 \ProvideTextCommandDefault{\textonehalf}{%
2913 \ensuremath{\frac{1}{2}}%
2914 }
2915 \ProvideTextCommandDefault{\textonequarter}{%
2916 \ensuremath{\frac{1}{4}}%
2917 }
2918 \ProvideTextCommandDefault{\textonesuperior}{%
2919 \ensuremath{{}^1}}%
2920 }
2921 \ProvideTextCommandDefault{\textpm}{%
2922 \ensuremath{\pm}
2923 }

```

```

2924 \ProvideTextCommandDefault{\textthreequarters}{%
2925   \ensuremath{\frac{3}{4}}%
2926 }
2927 \ProvideTextCommandDefault{\textthreesuperior}{%
2928   \ensuremath{{}^3}%
2929 }
2930 \ProvideTextCommandDefault{\texttimes}{%
2931   \ensuremath{\times}
2932 }
2933 \ProvideTextCommandDefault{\texttwosuperior}{%
2934   \ensuremath{{}^2}}%
2935 }
2936 \ProvideTextCommandDefault{\textyen}{%
2937   \TextSymbolUnavailable\textyen
2938 }
2939 \DeclareInputText{128}{\c C}
2940 \DeclareInputText{129}{\u u}
2941 \DeclareInputText{130}{\@tabacckludge'e}
2942 \DeclareInputText{131}{\^a}
2943 \DeclareInputText{132}{\a}
2944 \DeclareInputText{133}{\@tabacckludge'a}
2945 \DeclareInputText{134}{\r a}
2946 \DeclareInputText{135}{\c c}
2947 \DeclareInputText{136}{\^e}
2948 \DeclareInputText{137}{\e}
2949 \DeclareInputText{138}{\@tabacckludge'e}
2950 \DeclareInputText{139}{\i}
2951 \DeclareInputText{140}{\^i}
2952 \DeclareInputText{141}{\@tabacckludge'i}
2953 \DeclareInputText{142}{\A}
2954 \DeclareInputText{143}{\r A}
2955 \DeclareInputText{144}{\@tabacckludge'E}
2956 \DeclareInputText{145}{\ae}
2957 \DeclareInputText{146}{\AE}
2958 \DeclareInputText{147}{\^o}
2959 \DeclareInputText{148}{\o}
2960 \DeclareInputText{149}{\@tabacckludge'o}
2961 \DeclareInputText{150}{\u}
2962 \DeclareInputText{151}{\@tabacckludge'u}
2963 \DeclareInputText{152}{\y}
2964 \DeclareInputText{153}{\0}
2965 \DeclareInputText{154}{\U}
2966 \DeclareInputText{155}{\o}
2967 \DeclareInputText{156}{\textsterling}
2968 \DeclareInputText{157}{\0}
2969 \DeclareInputText{158}{\texttimes}
2970 \DeclareInputText{159}{\textflorin}
2971 \DeclareInputText{160}{\@tabacckludge'a}
2972 \DeclareInputText{161}{\@tabacckludge'i}
2973 \DeclareInputText{162}{\@tabacckludge'o}
2974 \DeclareInputText{163}{\@tabacckludge'u}
2975 \DeclareInputText{164}{\n}
2976 \DeclareInputText{165}{\N}
2977 \DeclareInputText{166}{\textordfeminine}
2978 \DeclareInputText{167}{\textordmasculine}
2979 \DeclareInputText{168}{\textquestiondown}
2980 \DeclareInputText{169}{\textregistered}
2981 \DeclareInputText{170}{\textlnot}
2982 \DeclareInputText{171}{\textonehalf}
2983 \DeclareInputText{172}{\textonequarter}
2984 \DeclareInputText{173}{\textexclamdown}
2985 \DeclareInputText{174}{\guillemotleft}

```

```

2986 \DeclareInputText{175}{\guillemotright}
2987 \DeclareInputText{176}{\textltshade}
2988 \DeclareInputText{177}{\textshade}
2989 \DeclareInputText{178}{\textdkshade}
2990 \DeclareInputText{179}{\textSFxi}
2991 \DeclareInputText{180}{\textSFix}
2992 \DeclareInputText{181}{\@tabacckludge'A}
2993 \DeclareInputText{182}{\^A}
2994 \DeclareInputText{183}{\@tabacckludge'A}
2995 \DeclareInputText{184}{\textcopyright}
2996 \DeclareInputText{185}{\textSFxxiii}
2997 \DeclareInputText{186}{\textSFxxiv}
2998 \DeclareInputText{187}{\textSFxxv}
2999 \DeclareInputText{188}{\textSFxxvi}
3000 \DeclareInputText{189}{\textcent}
3001 \DeclareInputText{190}{\textyen}
3002 \DeclareInputText{191}{\textSFiii}
3003 \DeclareInputText{192}{\textSFii}
3004 \DeclareInputText{193}{\textSFvii}
3005 \DeclareInputText{194}{\textSFvi}
3006 \DeclareInputText{195}{\textSFviii}
3007 \DeclareInputText{196}{\textSFx}
3008 \DeclareInputText{197}{\textSFv}
3009 \DeclareInputText{198}{\^a}
3010 \DeclareInputText{199}{\^A}
3011 \DeclareInputText{200}{\textSFxxxviii}
3012 \DeclareInputText{201}{\textSFxxxix}
3013 \DeclareInputText{202}{\textSFxl}
3014 \DeclareInputText{203}{\textSFxli}
3015 \DeclareInputText{204}{\textSFxlii}
3016 \DeclareInputText{205}{\textSFxl iii}
3017 \DeclareInputText{206}{\textSFxliv}
3018 \DeclareInputText{207}{\textcurrency}
3019 \DeclareInputText{208}{\dh}
3020 \DeclareInputText{209}{\DH}
3021 \DeclareInputText{210}{\^E}
3022 \DeclareInputText{211}{\^E}
3023 \DeclareInputText{212}{\@tabacckludge'E}
3024 \DeclareInputText{213}{\texteuro}
3025 \DeclareInputText{214}{\@tabacckludge'I}
3026 \DeclareInputText{215}{\^I}
3027 \DeclareInputText{216}{\^I}
3028 \DeclareInputText{217}{\textSFiv}
3029 \DeclareInputText{218}{\textSFi}
3030 \DeclareInputText{219}{\textblock}
3031 \DeclareInputText{220}{\textdnblock}
3032 \DeclareInputText{221}{\textbrokenbar}
3033 \DeclareInputText{222}{\@tabacckludge'I}
3034 \DeclareInputText{223}{\textupblock}
3035 \DeclareInputText{224}{\@tabacckludge'O}
3036 \DeclareInputText{225}{\ss}
3037 \DeclareInputText{226}{\^O}
3038 \DeclareInputText{227}{\@tabacckludge'O}
3039 \DeclareInputText{228}{\^o}
3040 \DeclareInputText{229}{\^O}
3041 \DeclareInputText{230}{\textmu}
3042 \DeclareInputText{231}{\th}
3043 \DeclareInputText{232}{\TH}
3044 \DeclareInputText{233}{\@tabacckludge'U}
3045 \DeclareInputText{234}{\^U}
3046 \DeclareInputText{235}{\@tabacckludge'U}
3047 \DeclareInputText{236}{\@tabacckludge'y}

```

```

3048 \DeclareInputText{237}{\@tabacckludge'Y}
3049 \DeclareInputText{238}{\textasciimacron}
3050 \DeclareInputText{239}{\textasciiacute}
3051 \DeclareInputText{240}{\textasciitilde}
3052 \DeclareInputText{241}{\textpm}
3053 \DeclareInputText{242}{\textdbllowline}
3054 \DeclareInputText{243}{\textthreequarters}
3055 \DeclareInputText{244}{\textparagraph}
3056 \DeclareInputText{245}{\textsection}
3057 \DeclareInputText{246}{\textdiv}
3058 \DeclareInputText{247}{\c\ }
3059 \DeclareInputText{248}{\textdegree}
3060 \DeclareInputText{249}{\textasciidieresis}
3061 \DeclareInputText{250}{\textperiodcentered}
3062 \DeclareInputText{251}{\textonesuperior}
3063 \DeclareInputText{252}{\textthreesuperior}
3064 \DeclareInputText{253}{\texttwosuperior}
3065 \DeclareInputText{254}{\textblacksquare}
3066 \DeclareInputText{255}{\nobreakspace}
3067 \RestoreAtCatcode
3068 \cp858)

```

## 2.5.20 Encoding cp865

```

3069 \cp865)
3070 \ProvidesFile{x-cp865.def}%
3071 [2010/01/11 v1.6 Input encoding cp865 (inputenx)]%
3072 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3073 \makeatletter
3074 \ProvideTextCommandDefault{\textGamma}{%
3075   \ensuremath\Gamma
3076 }
3077 \ProvideTextCommandDefault{\textOmega}{%
3078   \ensuremath\Omega
3079 }
3080 \ProvideTextCommandDefault{\textPhi}{%
3081   \ensuremath\Phi
3082 }
3083 \ProvideTextCommandDefault{\textSigma}{%
3084   \ensuremath\Sigma
3085 }
3086 \ProvideTextCommandDefault{\textTheta}{%
3087   \ensuremath\Theta
3088 }
3089 \ProvideTextCommandDefault{\textalpha}{%
3090   \ensuremath\alpha
3091 }
3092 \ProvideTextCommandDefault{\textapproxequal}{%
3093   \ensuremath\approx
3094 }
3095 \ProvideTextCommandDefault{\textblacksquare}{%
3096   \vrule \@width .3em \@height .4em \@depth -.1em\relax
3097 }
3098 \ProvideTextCommandDefault{\textcurrency}{%
3099   \TextSymbolUnavailable\textcurrency
3100 }
3101 \ProvideTextCommandDefault{\textdegree}{%
3102   \ensuremath{^\circ}
3103 }
3104 \ProvideTextCommandDefault{\textdelta}{%
3105   \ensuremath\delta
3106 }
3107 \ProvideTextCommandDefault{\textdiv}{%
3108   \TextSymbolUnavailable\textdiv

```



```

3109 }
3110 \ProvideTextCommandDefault{\textepsilon}{%
3111   \ensuremath\varepsilon
3112 }
3113 \ProvideTextCommandDefault{\textequivalence}{%
3114   \ensuremath\equiv
3115 }
3116 \ProvideTextCommandDefault{\textflorin}{%
3117   \textit{f}%
3118 }
3119 \ProvideTextCommandDefault{\textgreaterorequal}{%
3120   \ensuremath\geq
3121 }
3122 \ProvideTextCommandDefault{\textinfinity}{%
3123   \ensuremath\infty
3124 }
3125 \ProvideTextCommandDefault{\textintersection}{%
3126   \ensuremath\cap
3127 }
3128 \ProvideTextCommandDefault{\textlessequal}{%
3129   \ensuremath\leq
3130 }
3131 \ProvideTextCommandDefault{\textlnot}{%
3132   \ensuremath\not
3133 }
3134 \ProvideTextCommandDefault{\textmu}{%
3135   \ensuremath\mu
3136 }
3137 \ProvideTextCommandDefault{\textnsuperior}{%
3138   \ensuremath{{}^n}%
3139 }
3140 \ProvideTextCommandDefault{\textonehalf}{%
3141   \ensuremath{\frac{1}{2}}%
3142 }
3143 \ProvideTextCommandDefault{\textonequarter}{%
3144   \ensuremath{\frac{1}{4}}%
3145 }
3146 \ProvideTextCommandDefault{\textpeseta}{%
3147   Pt%
3148 }
3149 \ProvideTextCommandDefault{\textphi}{%
3150   \ensuremath\phi
3151 }
3152 \ProvideTextCommandDefault{\textpi}{%
3153   \ensuremath\pi
3154 }
3155 \ProvideTextCommandDefault{\textpm}{%
3156   \ensuremath\pm
3157 }
3158 \ProvideTextCommandDefault{\textrevlogicalnot}{%
3159   \begingroup
3160     \ifundefined{reflectbox}{%
3161       \TextSymbolUnavailable\textrevlogicalnot
3162     }{%
3163       \def\@revlogicalnot##1##2{%
3164         \reflectbox{###1##2}%
3165       }%
3166       \ensuremath{\mathpalette\@revlogicalnot\not}%
3167     }%
3168   \endgroup
3169 }
3170 \ProvideTextCommandDefault{\textsigma}{%

```

```

3171 \ensuremath{\sigma}
3172 }
3173 \ProvideTextCommandDefault{\textsurd}{%
3174 \ensuremath{\text{surd}}
3175 }
3176 \ProvideTextCommandDefault{\texttau}{%
3177 \ensuremath{\text{tau}}
3178 }
3179 \ProvideTextCommandDefault{\texttwosuperior}{%
3180 \ensuremath{{}^2}}%
3181 }
3182 \DeclareInputText{128}{\c C}
3183 \DeclareInputText{129}{\u}
3184 \DeclareInputText{130}{\@tabacckludge'e}
3185 \DeclareInputText{131}{\^a}
3186 \DeclareInputText{132}{\a}
3187 \DeclareInputText{133}{\@tabacckludge'a}
3188 \DeclareInputText{134}{\r a}
3189 \DeclareInputText{135}{\c c}
3190 \DeclareInputText{136}{\^e}
3191 \DeclareInputText{137}{\e}
3192 \DeclareInputText{138}{\@tabacckludge'e}
3193 \DeclareInputText{139}{\i}
3194 \DeclareInputText{140}{\^i}
3195 \DeclareInputText{141}{\@tabacckludge'i}
3196 \DeclareInputText{142}{\A}
3197 \DeclareInputText{143}{\r A}
3198 \DeclareInputText{144}{\@tabacckludge'E}
3199 \DeclareInputText{145}{\ae}
3200 \DeclareInputText{146}{\AE}
3201 \DeclareInputText{147}{\^o}
3202 \DeclareInputText{148}{\o}
3203 \DeclareInputText{149}{\@tabacckludge'o}
3204 \DeclareInputText{150}{\^u}
3205 \DeclareInputText{151}{\@tabacckludge'u}
3206 \DeclareInputText{152}{\y}
3207 \DeclareInputText{153}{\0}
3208 \DeclareInputText{154}{\U}
3209 \DeclareInputText{155}{\o}
3210 \DeclareInputText{156}{\textsterling}
3211 \DeclareInputText{157}{\0}
3212 \DeclareInputText{158}{\textpeseta}
3213 \DeclareInputText{159}{\textflorin}
3214 \DeclareInputText{160}{\@tabacckludge'a}
3215 \DeclareInputText{161}{\@tabacckludge'i}
3216 \DeclareInputText{162}{\@tabacckludge'o}
3217 \DeclareInputText{163}{\@tabacckludge'u}
3218 \DeclareInputText{164}{\~n}
3219 \DeclareInputText{165}{\~N}
3220 \DeclareInputText{166}{\textordfeminine}
3221 \DeclareInputText{167}{\textordmasculine}
3222 \DeclareInputText{168}{\textquestiondown}
3223 \DeclareInputText{169}{\textrevlogicalnot}
3224 \DeclareInputText{170}{\textlnot}
3225 \DeclareInputText{171}{\textonehalf}
3226 \DeclareInputText{172}{\textonequarter}
3227 \DeclareInputText{173}{\textexclamdown}
3228 \DeclareInputText{174}{\guillemotleft}
3229 \DeclareInputText{175}{\textcurrency}
3230 \DeclareInputText{176}{\textltshade}
3231 \DeclareInputText{177}{\textshade}
3232 \DeclareInputText{178}{\textdkshade}

```

```

3233 \DeclareInputText{179}{\textSFxi}
3234 \DeclareInputText{180}{\textSFix}
3235 \DeclareInputText{181}{\textSFxix}
3236 \DeclareInputText{182}{\textSFxx}
3237 \DeclareInputText{183}{\textSFxxi}
3238 \DeclareInputText{184}{\textSFxxii}
3239 \DeclareInputText{185}{\textSFxxiii}
3240 \DeclareInputText{186}{\textSFxxiv}
3241 \DeclareInputText{187}{\textSFxxv}
3242 \DeclareInputText{188}{\textSFxxvi}
3243 \DeclareInputText{189}{\textSFxxvii}
3244 \DeclareInputText{190}{\textSFxxviii}
3245 \DeclareInputText{191}{\textSFiii}
3246 \DeclareInputText{192}{\textSFii}
3247 \DeclareInputText{193}{\textSFvii}
3248 \DeclareInputText{194}{\textSFvi}
3249 \DeclareInputText{195}{\textSFviii}
3250 \DeclareInputText{196}{\textSFx}
3251 \DeclareInputText{197}{\textSFv}
3252 \DeclareInputText{198}{\textSFxxxvi}
3253 \DeclareInputText{199}{\textSFxxxvii}
3254 \DeclareInputText{200}{\textSFxxxviii}
3255 \DeclareInputText{201}{\textSFxxxix}
3256 \DeclareInputText{202}{\textSFxl}
3257 \DeclareInputText{203}{\textSFxli}
3258 \DeclareInputText{204}{\textSFxlii}
3259 \DeclareInputText{205}{\textSFxl iii}
3260 \DeclareInputText{206}{\textSFxliv}
3261 \DeclareInputText{207}{\textSFxlv}
3262 \DeclareInputText{208}{\textSFxlvi}
3263 \DeclareInputText{209}{\textSFxlvii}
3264 \DeclareInputText{210}{\textSFxlviii}
3265 \DeclareInputText{211}{\textSFxl ix}
3266 \DeclareInputText{212}{\textSF1}
3267 \DeclareInputText{213}{\textSFli}
3268 \DeclareInputText{214}{\textSFlii}
3269 \DeclareInputText{215}{\textSFliii}
3270 \DeclareInputText{216}{\textSFliv}
3271 \DeclareInputText{217}{\textSFiv}
3272 \DeclareInputText{218}{\textSFi}
3273 \DeclareInputText{219}{\textblock}
3274 \DeclareInputText{220}{\textdnblock}
3275 \DeclareInputText{221}{\textlfblock}
3276 \DeclareInputText{222}{\textrtblock}
3277 \DeclareInputText{223}{\textupblock}
3278 \DeclareInputText{224}{\textalpha}
3279 \DeclareInputText{225}{\ss}
3280 \DeclareInputText{226}{\textGamma}
3281 \DeclareInputText{227}{\textpi}
3282 \DeclareInputText{228}{\textSigma}
3283 \DeclareInputText{229}{\textsigma}
3284 \DeclareInputText{230}{\textmu}
3285 \DeclareInputText{231}{\texttau}
3286 \DeclareInputText{232}{\textPhi}
3287 \DeclareInputText{233}{\textTheta}
3288 \DeclareInputText{234}{\textOmega}
3289 \DeclareInputText{235}{\textdelta}
3290 \DeclareInputText{236}{\textinfinity}
3291 \DeclareInputText{237}{\textphi}
3292 \DeclareInputText{238}{\textepsilon}
3293 \DeclareInputText{239}{\textintersection}
3294 \DeclareInputText{240}{\textequivalence}

```

```

3295 \DeclareInputText{241}{\textpm}
3296 \DeclareInputText{242}{\textgreaterorequal}
3297 \DeclareInputText{243}{\textlessequal}
3298 \DeclareInputText{246}{\textdiv}
3299 \DeclareInputText{247}{\textapproxequal}
3300 \DeclareInputText{248}{\textdegree}
3301 \DeclareInputText{249}{\textbullet}
3302 \DeclareInputText{250}{\textperiodcentered}
3303 \DeclareInputText{251}{\textsurd}
3304 \DeclareInputText{252}{\textnsuperior}
3305 \DeclareInputText{253}{\texttwosuperior}
3306 \DeclareInputText{254}{\textblacksquare}
3307 \DeclareInputText{255}{\nobreakspace}
3308 \RestoreAtCatcode
3309 \cp865

```

### 2.5.21 Encoding cp866

```

3310 \cp866
3311 \ProvidesFile{x-cp866.def}%
3312 [2010/01/11 v1.6 Input encoding cp866 (inputenx)]%
3313 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3314 \makeatletter
3315 \ProvideTextCommandDefault{\textblacksquare}{%
3316 \vrule \@width .3em \@height .4em \@depth -.1em\relax
3317 }
3318 \ProvideTextCommandDefault{\textcurrency}{%
3319 \TextSymbolUnavailable\textcurrency
3320 }
3321 \ProvideTextCommandDefault{\textdegree}{%
3322 \ensuremath{^\circ}}%
3323 }
3324 \ProvideTextCommandDefault{\textnumero}{%
3325 N%
3326 \bgroup
3327 \check@mathfonts
3328 \fontsize\sf@size\z@
3329 \math@fontsfalse
3330 \selectfont
3331 \oalign{%
3332 \raise0.5ex\hbox{o}%
3333 \crr
3334 \hline
3335 }%
3336 \egroup
3337 }
3338 \ProvideTextCommandDefault{\textsurd}{%
3339 \ensuremath{\text{\text{sur}}}
3340 }
3341 \DeclareInputText{128}{\CYRA}
3342 \DeclareInputText{129}{\CYRB}
3343 \DeclareInputText{130}{\CYRV}
3344 \DeclareInputText{131}{\CYRG}
3345 \DeclareInputText{132}{\CYRD}
3346 \DeclareInputText{133}{\CYRE}
3347 \DeclareInputText{134}{\CYRZH}
3348 \DeclareInputText{135}{\CYRZ}
3349 \DeclareInputText{136}{\CYRI}
3350 \DeclareInputText{137}{\CYRISHRT}
3351 \DeclareInputText{138}{\CYRK}
3352 \DeclareInputText{139}{\CYRL}
3353 \DeclareInputText{140}{\CYRM}
3354 \DeclareInputText{141}{\CYRN}
3355 \DeclareInputText{142}{\CYRO}

```

```

3356 \DeclareInputText{143}{\CYRP}
3357 \DeclareInputText{144}{\CYRR}
3358 \DeclareInputText{145}{\CYRS}
3359 \DeclareInputText{146}{\CYRT}
3360 \DeclareInputText{147}{\CYRU}
3361 \DeclareInputText{148}{\CYRF}
3362 \DeclareInputText{149}{\CYRH}
3363 \DeclareInputText{150}{\CYRC}
3364 \DeclareInputText{151}{\CYRCH}
3365 \DeclareInputText{152}{\CYRSH}
3366 \DeclareInputText{153}{\CYRSHCH}
3367 \DeclareInputText{154}{\CYRHRDSN}
3368 \DeclareInputText{155}{\CYRERY}
3369 \DeclareInputText{156}{\CYRSFTSN}
3370 \DeclareInputText{157}{\CYREREV}
3371 \DeclareInputText{158}{\CYRYU}
3372 \DeclareInputText{159}{\CYRYA}
3373 \DeclareInputText{160}{\cyra}
3374 \DeclareInputText{161}{\cyrb}
3375 \DeclareInputText{162}{\cyrv}
3376 \DeclareInputText{163}{\cyrg}
3377 \DeclareInputText{164}{\cyrd}
3378 \DeclareInputText{165}{\cyre}
3379 \DeclareInputText{166}{\cyrzh}
3380 \DeclareInputText{167}{\cyrz}
3381 \DeclareInputText{168}{\cyri}
3382 \DeclareInputText{169}{\cyrishrt}
3383 \DeclareInputText{170}{\cyrk}
3384 \DeclareInputText{171}{\cyrl}
3385 \DeclareInputText{172}{\cyrm}
3386 \DeclareInputText{173}{\cyrn}
3387 \DeclareInputText{174}{\cyro}
3388 \DeclareInputText{175}{\cyrp}
3389 \DeclareInputText{176}{\textltshade}
3390 \DeclareInputText{177}{\textshade}
3391 \DeclareInputText{178}{\textdkshade}
3392 \DeclareInputText{179}{\textSFxi}
3393 \DeclareInputText{180}{\textSFix}
3394 \DeclareInputText{181}{\textSFxix}
3395 \DeclareInputText{182}{\textSFxx}
3396 \DeclareInputText{183}{\textSFxxi}
3397 \DeclareInputText{184}{\textSFxxii}
3398 \DeclareInputText{185}{\textSFxxiii}
3399 \DeclareInputText{186}{\textSFxxiv}
3400 \DeclareInputText{187}{\textSFxxv}
3401 \DeclareInputText{188}{\textSFxxvi}
3402 \DeclareInputText{189}{\textSFxxvii}
3403 \DeclareInputText{190}{\textSFxxviii}
3404 \DeclareInputText{191}{\textSFiii}
3405 \DeclareInputText{192}{\textSFii}
3406 \DeclareInputText{193}{\textSFvii}
3407 \DeclareInputText{194}{\textSFvi}
3408 \DeclareInputText{195}{\textSFviii}
3409 \DeclareInputText{196}{\textSFx}
3410 \DeclareInputText{197}{\textSFv}
3411 \DeclareInputText{198}{\textSFxxxvi}
3412 \DeclareInputText{199}{\textSFxxxvii}
3413 \DeclareInputText{200}{\textSFxxxviii}
3414 \DeclareInputText{201}{\textSFxxxix}
3415 \DeclareInputText{202}{\textSFxl}
3416 \DeclareInputText{203}{\textSFxli}
3417 \DeclareInputText{204}{\textSFxlii}

```

```

3418 \DeclareInputText{205}{\textSFxlzii}
3419 \DeclareInputText{206}{\textSFxliv}
3420 \DeclareInputText{207}{\textSFxlv}
3421 \DeclareInputText{208}{\textSFxlvii}
3422 \DeclareInputText{209}{\textSFxlviii}
3423 \DeclareInputText{210}{\textSFxlvi}
3424 \DeclareInputText{211}{\textSFxlix}
3425 \DeclareInputText{212}{\textSFli}
3426 \DeclareInputText{213}{\textSFlii}
3427 \DeclareInputText{214}{\textSFliii}
3428 \DeclareInputText{215}{\textSFliiv}
3429 \DeclareInputText{216}{\textSFliv}
3430 \DeclareInputText{217}{\textSFiv}
3431 \DeclareInputText{218}{\textSFi}
3432 \DeclareInputText{219}{\textblock}
3433 \DeclareInputText{220}{\textdnblock}
3434 \DeclareInputText{221}{\textlfblock}
3435 \DeclareInputText{222}{\textrtblock}
3436 \DeclareInputText{223}{\textupblock}
3437 \DeclareInputText{224}{\cyrr}
3438 \DeclareInputText{225}{\cyrS}
3439 \DeclareInputText{226}{\cyrT}
3440 \DeclareInputText{227}{\cyrU}
3441 \DeclareInputText{228}{\cyrF}
3442 \DeclareInputText{229}{\cyrH}
3443 \DeclareInputText{230}{\cyrC}
3444 \DeclareInputText{231}{\cyrCh}
3445 \DeclareInputText{232}{\cyrSh}
3446 \DeclareInputText{233}{\cyrShch}
3447 \DeclareInputText{234}{\cyrhrdsn}
3448 \DeclareInputText{235}{\cyrery}
3449 \DeclareInputText{236}{\cyrSftsn}
3450 \DeclareInputText{237}{\cyrerev}
3451 \DeclareInputText{238}{\cyrYu}
3452 \DeclareInputText{239}{\cyrYa}
3453 \DeclareInputText{240}{\CYRYO}
3454 \DeclareInputText{241}{\cyrYo}
3455 \DeclareInputText{242}{\CYRIE}
3456 \DeclareInputText{243}{\cyrIe}
3457 \DeclareInputText{244}{\CYRYI}
3458 \DeclareInputText{245}{\cyrYi}
3459 \DeclareInputText{246}{\CYRUSHRT}
3460 \DeclareInputText{247}{\cyrushrt}
3461 \DeclareInputText{248}{\textdegree}
3462 \DeclareInputText{249}{\textbullet}
3463 \DeclareInputText{250}{\textperiodcentered}
3464 \DeclareInputText{251}{\textsurd}
3465 \DeclareInputText{252}{\textnumero}
3466 \DeclareInputText{253}{\textcurrency}
3467 \DeclareInputText{254}{\textblacksquare}
3468 \DeclareInputText{255}{\nobreakspace}
3469 \RestoreAtCatcode
3470 \cp866}

```

## 2.5.22 Encoding cp1250

```

3471 (*cp1250)
3472 \ProvidesFile{x-cp1250.def}%
3473 [2010/01/11 v1.6 Input encoding cp1250 (inputenx)]%
3474 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3475 \makeatletter
3476 \ProvideTextCommandDefault{\textacutedbl}{%
3477   \H{}}%
3478 }

```

```

3479 \ProvideTextCommandDefault{\textasciicute}{%
3480   \@tabacckludge'}{%
3481 }
3482 \ProvideTextCommandDefault{\textasciibreve}{%
3483   \u}{%
3484 }
3485 \ProvideTextCommandDefault{\textasciicaron}{%
3486   \v}{%
3487 }
3488 \ProvideTextCommandDefault{\textasciidieresis}{%
3489   \"}{%
3490 }
3491 \ProvideTextCommandDefault{\textbrokenbar}{%
3492   \TextSymbolUnavailable\textbrokenbar
3493 }
3494 \ProvideTextCommandDefault{\textcurrency}{%
3495   \TextSymbolUnavailable\textcurrency
3496 }
3497 \ProvideTextCommandDefault{\textdegree}{%
3498   \ensuremath{{}^{\circ}}{%
3499 }
3500 \ProvideTextCommandDefault{\textdiv}{%
3501   \TextSymbolUnavailable\textdiv
3502 }
3503 \ProvideTextCommandDefault{\texteuro}{%
3504   \TextSymbolUnavailable\texteuro
3505 }
3506 \ProvideTextCommandDefault{\textlnot}{%
3507   \ensuremath{\lnot}
3508 }
3509 \ProvideTextCommandDefault{\textmu}{%
3510   \ensuremath{\mu}
3511 }
3512 \ProvideTextCommandDefault{\textpm}{%
3513   \ensuremath{\pm}
3514 }
3515 \ProvideTextCommandDefault{\texttimes}{%
3516   \ensuremath{\times}
3517 }
3518 \DeclareInputText{128}{\texteuro}
3519 \DeclareInputText{130}{\quotesinglbase}
3520 \DeclareInputText{132}{\quotedblbase}
3521 \DeclareInputText{133}{\textellipsis}
3522 \DeclareInputText{134}{\textdagger}
3523 \DeclareInputText{135}{\textdaggerdbl}
3524 \DeclareInputText{137}{\textperthousand}
3525 \DeclareInputText{138}{\v S}
3526 \DeclareInputText{139}{\guilsinglleft}
3527 \DeclareInputText{140}{\@tabacckludge'S}
3528 \DeclareInputText{141}{\v T}
3529 \DeclareInputText{142}{\v Z}
3530 \DeclareInputText{143}{\@tabacckludge'Z}
3531 \DeclareInputText{145}{\textquoteleft}
3532 \DeclareInputText{146}{\textquoteright}
3533 \DeclareInputText{147}{\textquotedblleft}
3534 \DeclareInputText{148}{\textquotedblright}
3535 \DeclareInputText{149}{\textbullet}
3536 \DeclareInputText{150}{\textendash}
3537 \DeclareInputText{151}{\textemdash}
3538 \DeclareInputText{153}{\texttrademark}
3539 \DeclareInputText{154}{\v s}
3540 \DeclareInputText{155}{\guilsinglright}

```

```

3541 \DeclareInputText{156}{\@tabacckludge's}
3542 \DeclareInputText{157}{\v t}
3543 \DeclareInputText{158}{\v z}
3544 \DeclareInputText{159}{\@tabacckludge'z}
3545 \DeclareInputText{160}{\nobreakspace}
3546 \DeclareInputText{161}{\textasciicaron}
3547 \DeclareInputText{162}{\textasciibreve}
3548 \DeclareInputText{163}{\L}
3549 \DeclareInputText{164}{\textcurrency}
3550 \DeclareInputText{165}{\k A}
3551 \DeclareInputText{166}{\textbrokenbar}
3552 \DeclareInputText{167}{\textsection}
3553 \DeclareInputText{168}{\textasciidieresis}
3554 \DeclareInputText{169}{\textcopyright}
3555 \DeclareInputText{170}{\c S}
3556 \DeclareInputText{171}{\guillemotleft}
3557 \DeclareInputText{172}{\textlnot}
3558 \DeclareInputText{173}{\l-}
3559 \DeclareInputText{174}{\textregistered}
3560 \DeclareInputText{175}{\Z}
3561 \DeclareInputText{176}{\textdegree}
3562 \DeclareInputText{177}{\textpm}
3563 \DeclareInputText{178}{\k{}}
3564 \DeclareInputText{179}{\l}
3565 \DeclareInputText{180}{\textasciiacute}
3566 \DeclareInputText{181}{\textmu}
3567 \DeclareInputText{182}{\textparagraph}
3568 \DeclareInputText{183}{\textperiodcentered}
3569 \DeclareInputText{184}{\c\ }
3570 \DeclareInputText{185}{\k a}
3571 \DeclareInputText{186}{\c s}
3572 \DeclareInputText{187}{\guillemotright}
3573 \DeclareInputText{188}{\v L}
3574 \DeclareInputText{189}{\textacutedbl}
3575 \DeclareInputText{190}{\v l}
3576 \DeclareInputText{191}{\z}
3577 \DeclareInputText{192}{\@tabacckludge'R}
3578 \DeclareInputText{193}{\@tabacckludge'A}
3579 \DeclareInputText{194}{\^A}
3580 \DeclareInputText{195}{\u A}
3581 \DeclareInputText{196}{\A}
3582 \DeclareInputText{197}{\@tabacckludge'L}
3583 \DeclareInputText{198}{\@tabacckludge'C}
3584 \DeclareInputText{199}{\c C}
3585 \DeclareInputText{200}{\v C}
3586 \DeclareInputText{201}{\@tabacckludge'E}
3587 \DeclareInputText{202}{\k E}
3588 \DeclareInputText{203}{\E}
3589 \DeclareInputText{204}{\v E}
3590 \DeclareInputText{205}{\@tabacckludge'I}
3591 \DeclareInputText{206}{\^I}
3592 \DeclareInputText{207}{\v D}
3593 \DeclareInputText{208}{\DJ}
3594 \DeclareInputText{209}{\@tabacckludge'N}
3595 \DeclareInputText{210}{\v N}
3596 \DeclareInputText{211}{\@tabacckludge'O}
3597 \DeclareInputText{212}{\^O}
3598 \DeclareInputText{213}{\H O}
3599 \DeclareInputText{214}{\O}
3600 \DeclareInputText{215}{\texttimes}
3601 \DeclareInputText{216}{\v R}
3602 \DeclareInputText{217}{\r U}

```



```

3603 \DeclareInputText{218}{\@tabacckludge'U}
3604 \DeclareInputText{219}{\H U}
3605 \DeclareInputText{220}{\ "U}
3606 \DeclareInputText{221}{\@tabacckludge'Y}
3607 \DeclareInputText{222}{\c T}
3608 \DeclareInputText{223}{\ss}
3609 \DeclareInputText{224}{\@tabacckludge'r}
3610 \DeclareInputText{225}{\@tabacckludge'a}
3611 \DeclareInputText{226}{\^a}
3612 \DeclareInputText{227}{\u a}
3613 \DeclareInputText{228}{\ "a}
3614 \DeclareInputText{229}{\@tabacckludge'l}
3615 \DeclareInputText{230}{\@tabacckludge'c}
3616 \DeclareInputText{231}{\c c}
3617 \DeclareInputText{232}{\v c}
3618 \DeclareInputText{233}{\@tabacckludge'e}
3619 \DeclareInputText{234}{\k e}
3620 \DeclareInputText{235}{\ "e}
3621 \DeclareInputText{236}{\v e}
3622 \DeclareInputText{237}{\@tabacckludge'i}
3623 \DeclareInputText{238}{\^i}
3624 \DeclareInputText{239}{\v d}
3625 \DeclareInputText{240}{\dj}
3626 \DeclareInputText{241}{\@tabacckludge'n}
3627 \DeclareInputText{242}{\v n}
3628 \DeclareInputText{243}{\@tabacckludge'o}
3629 \DeclareInputText{244}{\^o}
3630 \DeclareInputText{245}{\H o}
3631 \DeclareInputText{246}{\ "o}
3632 \DeclareInputText{247}{\textdiv}
3633 \DeclareInputText{248}{\v r}
3634 \DeclareInputText{249}{\r u}
3635 \DeclareInputText{250}{\@tabacckludge'u}
3636 \DeclareInputText{251}{\H u}
3637 \DeclareInputText{252}{\ "u}
3638 \DeclareInputText{253}{\@tabacckludge'y}
3639 \DeclareInputText{254}{\c t}
3640 \DeclareInputText{255}{\.{}}
3641 \RestoreAtCatcode
3642 </cp1250>

```

### 2.5.23 Encoding cp1251

```

3643 <*cp1251>
3644 \ProvidesFile{x-cp1251.def}%
3645 [2010/01/11 v1.6 Input encoding cp1251 (inputenx)]%
3646 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3647 \makeatletter
3648 \ProvideTextCommandDefault{\textbrokenbar}{%
3649 \TextSymbolUnavailable\textbrokenbar
3650 }
3651 \ProvideTextCommandDefault{\textcurrency}{%
3652 \TextSymbolUnavailable\textcurrency
3653 }
3654 \ProvideTextCommandDefault{\textdegree}{%
3655 \ensuremath{\^{\circ}}%
3656 }
3657 \ProvideTextCommandDefault{\texteuro}{%
3658 \TextSymbolUnavailable\texteuro
3659 }
3660 \ProvideTextCommandDefault{\textlnot}{%
3661 \ensuremath{\lnot}
3662 }
3663 \ProvideTextCommandDefault{\textmu}{%

```

```

3664 \ensuremath\mu
3665 }
3666 \ProvideTextCommandDefault{\textnumero}{%
3667   N%
3668   \bgroup
3669     \check@mathfonts
3670     \fontsize\sf@size\z@
3671     \math@fontsfalse
3672     \selectfont
3673     \ooalign{%
3674       \raise0.5ex\hbox{o}%
3675       \crr
3676       \hline
3677     }%
3678   \egroup
3679 }
3680 \ProvideTextCommandDefault{\textpm}{%
3681   \ensuremath\pm
3682 }
3683 \DeclareInputText{128}{\CYRDJE}
3684 \DeclareInputText{129}{\@tabacckludge'\CYRG}
3685 \DeclareInputText{130}{\quotesinglbase}
3686 \DeclareInputText{131}{\@tabacckludge'\cyrg}
3687 \DeclareInputText{132}{\quotedblbase}
3688 \DeclareInputText{133}{\textellipsis}
3689 \DeclareInputText{134}{\textdagger}
3690 \DeclareInputText{135}{\textdaggerdbl}
3691 \DeclareInputText{136}{\texteuro}
3692 \DeclareInputText{137}{\textperthousand}
3693 \DeclareInputText{138}{\CYRLJE}
3694 \DeclareInputText{139}{\guilsinglleft}
3695 \DeclareInputText{140}{\CYRNJE}
3696 \DeclareInputText{141}{\@tabacckludge'\CYRK}
3697 \DeclareInputText{142}{\CYRTSHE}
3698 \DeclareInputText{143}{\CYRDZHE}
3699 \DeclareInputText{144}{\cyrdje}
3700 \DeclareInputText{145}{\textquoteleft}
3701 \DeclareInputText{146}{\textquoteright}
3702 \DeclareInputText{147}{\textquotedblleft}
3703 \DeclareInputText{148}{\textquotedblright}
3704 \DeclareInputText{149}{\textbullet}
3705 \DeclareInputText{150}{\textendash}
3706 \DeclareInputText{151}{\textemdash}
3707 \DeclareInputText{153}{\texttrademark}
3708 \DeclareInputText{154}{\cyrlje}
3709 \DeclareInputText{155}{\guilsinglright}
3710 \DeclareInputText{156}{\cyrnje}
3711 \DeclareInputText{157}{\@tabacckludge'\cyrk}
3712 \DeclareInputText{158}{\cyrtshe}
3713 \DeclareInputText{159}{\cyrdzhe}
3714 \DeclareInputText{160}{\nobreakspace}
3715 \DeclareInputText{161}{\CYRUSHRT}
3716 \DeclareInputText{162}{\cyrushrt}
3717 \DeclareInputText{163}{\CYRJE}
3718 \DeclareInputText{164}{\textcurrency}
3719 \DeclareInputText{165}{\CYRGUP}
3720 \DeclareInputText{166}{\textbrokenbar}
3721 \DeclareInputText{167}{\textsection}
3722 \DeclareInputText{168}{\CYRYO}
3723 \DeclareInputText{169}{\textcopyright}
3724 \DeclareInputText{170}{\CYRIE}
3725 \DeclareInputText{171}{\guillemotleft}

```

```

3726 \DeclareInputText{172}{\textlnot}
3727 \DeclareInputText{173}{\textdash}
3728 \DeclareInputText{174}{\textregistered}
3729 \DeclareInputText{175}{\textCYRyl}
3730 \DeclareInputText{176}{\textdegree}
3731 \DeclareInputText{177}{\texttpm}
3732 \DeclareInputText{178}{\textCYRil}
3733 \DeclareInputText{179}{\textcyrii}
3734 \DeclareInputText{180}{\textcyrgup}
3735 \DeclareInputText{181}{\textmu}
3736 \DeclareInputText{182}{\textparagraph}
3737 \DeclareInputText{183}{\textperiodcentered}
3738 \DeclareInputText{184}{\textcyryo}
3739 \DeclareInputText{185}{\textnumero}
3740 \DeclareInputText{186}{\textcyrie}
3741 \DeclareInputText{187}{\textguillemotright}
3742 \DeclareInputText{188}{\textcyrje}
3743 \DeclareInputText{189}{\textCYRDZE}
3744 \DeclareInputText{190}{\textcyrdze}
3745 \DeclareInputText{191}{\textcyryi}
3746 \DeclareInputText{192}{\textCYRA}
3747 \DeclareInputText{193}{\textCYRB}
3748 \DeclareInputText{194}{\textCYRV}
3749 \DeclareInputText{195}{\textCYRG}
3750 \DeclareInputText{196}{\textCYRD}
3751 \DeclareInputText{197}{\textCYRE}
3752 \DeclareInputText{198}{\textCYRZH}
3753 \DeclareInputText{199}{\textCYRZ}
3754 \DeclareInputText{200}{\textCYRI}
3755 \DeclareInputText{201}{\textCYRISHRT}
3756 \DeclareInputText{202}{\textCYRK}
3757 \DeclareInputText{203}{\textCYRL}
3758 \DeclareInputText{204}{\textCYRM}
3759 \DeclareInputText{205}{\textCYRN}
3760 \DeclareInputText{206}{\textCYRO}
3761 \DeclareInputText{207}{\textCYRP}
3762 \DeclareInputText{208}{\textCYRR}
3763 \DeclareInputText{209}{\textCYRS}
3764 \DeclareInputText{210}{\textCYRT}
3765 \DeclareInputText{211}{\textCYRU}
3766 \DeclareInputText{212}{\textCYRF}
3767 \DeclareInputText{213}{\textCYRH}
3768 \DeclareInputText{214}{\textCYRC}
3769 \DeclareInputText{215}{\textCYRCH}
3770 \DeclareInputText{216}{\textCYRSH}
3771 \DeclareInputText{217}{\textCYRSHCH}
3772 \DeclareInputText{218}{\textCYRHRDSN}
3773 \DeclareInputText{219}{\textCYRERY}
3774 \DeclareInputText{220}{\textCYRSFTSN}
3775 \DeclareInputText{221}{\textCYREREV}
3776 \DeclareInputText{222}{\textCYRYU}
3777 \DeclareInputText{223}{\textCYRYA}
3778 \DeclareInputText{224}{\textcyra}
3779 \DeclareInputText{225}{\textcyrb}
3780 \DeclareInputText{226}{\textcyrv}
3781 \DeclareInputText{227}{\textcyrg}
3782 \DeclareInputText{228}{\textcyrd}
3783 \DeclareInputText{229}{\textcyre}
3784 \DeclareInputText{230}{\textcyrzh}
3785 \DeclareInputText{231}{\textcyrz}
3786 \DeclareInputText{232}{\textcyri}
3787 \DeclareInputText{233}{\textcyrishrt}

```

```

3788 \DeclareInputText{234}{\cyrk}
3789 \DeclareInputText{235}{\cyrl}
3790 \DeclareInputText{236}{\cyrm}
3791 \DeclareInputText{237}{\cyrn}
3792 \DeclareInputText{238}{\cyro}
3793 \DeclareInputText{239}{\cyrp}
3794 \DeclareInputText{240}{\cyrr}
3795 \DeclareInputText{241}{\cyrsh}
3796 \DeclareInputText{242}{\cyrst}
3797 \DeclareInputText{243}{\cyrsh}
3798 \DeclareInputText{244}{\cyrsh}
3799 \DeclareInputText{245}{\cyrsh}
3800 \DeclareInputText{246}{\cyrsh}
3801 \DeclareInputText{247}{\cyrsh}
3802 \DeclareInputText{248}{\cyrsh}
3803 \DeclareInputText{249}{\cyrsh}
3804 \DeclareInputText{250}{\cyrsh}
3805 \DeclareInputText{251}{\cyrsh}
3806 \DeclareInputText{252}{\cyrsh}
3807 \DeclareInputText{253}{\cyrsh}
3808 \DeclareInputText{254}{\cyrsh}
3809 \DeclareInputText{255}{\cyrsh}
3810 \RestoreAtCatcode
3811 \cp1251

```

#### 2.5.24 Encoding cp1252

```

3812 \cp1252
3813 \ProvidesFile{x-cp1252.def}%
3814 [2010/01/11 v1.6 Input encoding cp1252 (inputenx)]%
3815 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3816 \makeatletter
3817 \ProvideTextCommandDefault{\textasciicircum}{%
3818   \@tabacckludge'}%
3819 }
3820 \ProvideTextCommandDefault{\textasciidieresis}{%
3821   \{}%
3822 }
3823 \ProvideTextCommandDefault{\textasciimacron}{%
3824   \@tabacckludge=}%
3825 }
3826 \ProvideTextCommandDefault{\textbrokenbar}{%
3827   \TextSymbolUnavailable\textbrokenbar
3828 }
3829 \ProvideTextCommandDefault{\textcent}{%
3830   \TextSymbolUnavailable\textcent
3831 }
3832 \ProvideTextCommandDefault{\textcurrency}{%
3833   \TextSymbolUnavailable\textcurrency
3834 }
3835 \ProvideTextCommandDefault{\textdegree}{%
3836   \ensuremath{\textasciicircum}}%
3837 }
3838 \ProvideTextCommandDefault{\textdiv}{%
3839   \TextSymbolUnavailable\textdiv
3840 }
3841 \ProvideTextCommandDefault{\texteuro}{%
3842   \TextSymbolUnavailable\texteuro
3843 }
3844 \ProvideTextCommandDefault{\textflorin}{%
3845   \textit{f}}%
3846 }
3847 \ProvideTextCommandDefault{\textlnot}{%
3848   \ensuremath{\lnot}

```

```

3849 }
3850 \ProvideTextCommandDefault{\textmu}{%
3851   \ensuremath{\mu}
3852 }
3853 \ProvideTextCommandDefault{\textonehalf}{%
3854   \ensuremath{\frac{1}{2}}%
3855 }
3856 \ProvideTextCommandDefault{\textonequarter}{%
3857   \ensuremath{\frac{1}{4}}%
3858 }
3859 \ProvideTextCommandDefault{\textonesuperior}{%
3860   \ensuremath{{}^1}%
3861 }
3862 \ProvideTextCommandDefault{\textpm}{%
3863   \ensuremath{\text{pm}}
3864 }
3865 \ProvideTextCommandDefault{\textthreequarters}{%
3866   \ensuremath{\frac{3}{4}}%
3867 }
3868 \ProvideTextCommandDefault{\textthreesuperior}{%
3869   \ensuremath{{}^3}%
3870 }
3871 \ProvideTextCommandDefault{\texttimes}{%
3872   \ensuremath{\text{times}}
3873 }
3874 \ProvideTextCommandDefault{\texttwosuperior}{%
3875   \ensuremath{{}^2}}%
3876 }
3877 \ProvideTextCommandDefault{\textyen}{%
3878   \TextSymbolUnavailable\textyen
3879 }
3880 \DeclareInputText{128}{\texteuro}
3881 \DeclareInputText{130}{\quotesinglbase}
3882 \DeclareInputText{131}{\textflorin}
3883 \DeclareInputText{132}{\quotedblbase}
3884 \DeclareInputText{133}{\textellipsis}
3885 \DeclareInputText{134}{\textdagger}
3886 \DeclareInputText{135}{\textdaggerdbl}
3887 \DeclareInputText{136}{\textasciicircum}
3888 \DeclareInputText{137}{\textperthousand}
3889 \DeclareInputText{138}{\v S}
3890 \DeclareInputText{139}{\guilsinglleft}
3891 \DeclareInputText{140}{\OE}
3892 \DeclareInputText{142}{\v Z}
3893 \DeclareInputText{145}{\textquoteleft}
3894 \DeclareInputText{146}{\textquoteright}
3895 \DeclareInputText{147}{\textquotedblleft}
3896 \DeclareInputText{148}{\textquotedblright}
3897 \DeclareInputText{149}{\textbullet}
3898 \DeclareInputText{150}{\textendash}
3899 \DeclareInputText{151}{\textemdash}
3900 \DeclareInputText{152}{\textasciitilde}
3901 \DeclareInputText{153}{\texttrademark}
3902 \DeclareInputText{154}{\v s}
3903 \DeclareInputText{155}{\guilsinglright}
3904 \DeclareInputText{156}{\oe}
3905 \DeclareInputText{158}{\v z}
3906 \DeclareInputText{159}{\text{Y}}
3907 \DeclareInputText{160}{\nobreakspace}
3908 \DeclareInputText{161}{\textexclamdown}
3909 \DeclareInputText{162}{\textcent}
3910 \DeclareInputText{163}{\textsterling}

```

```

3911 \DeclareInputText{164}{\textcurrency}
3912 \DeclareInputText{165}{\textyen}
3913 \DeclareInputText{166}{\textbrokenbar}
3914 \DeclareInputText{167}{\textsection}
3915 \DeclareInputText{168}{\textasciidieresis}
3916 \DeclareInputText{169}{\textcopyright}
3917 \DeclareInputText{170}{\textordfeminine}
3918 \DeclareInputText{171}{\guillemotleft}
3919 \DeclareInputText{172}{\textlnot}
3920 \DeclareInputText{173}{\textasciicaron}
3921 \DeclareInputText{174}{\textregistered}
3922 \DeclareInputText{175}{\textasciimacron}
3923 \DeclareInputText{176}{\textdegree}
3924 \DeclareInputText{177}{\textpm}
3925 \DeclareInputText{178}{\texttwosuperior}
3926 \DeclareInputText{179}{\textthreesuperior}
3927 \DeclareInputText{180}{\textasciicircum}
3928 \DeclareInputText{181}{\textmu}
3929 \DeclareInputText{182}{\textparagraph}
3930 \DeclareInputText{183}{\textperiodcentered}
3931 \DeclareInputText{184}{\c\ }
3932 \DeclareInputText{185}{\textonesuperior}
3933 \DeclareInputText{186}{\textordmasculine}
3934 \DeclareInputText{187}{\guillemotright}
3935 \DeclareInputText{188}{\textonequarter}
3936 \DeclareInputText{189}{\textonehalf}
3937 \DeclareInputText{190}{\textthreequarters}
3938 \DeclareInputText{191}{\textquestiondown}
3939 \DeclareInputText{192}{\@tabacckludge'A}
3940 \DeclareInputText{193}{\@tabacckludge'A}
3941 \DeclareInputText{194}{\^A}
3942 \DeclareInputText{195}{\~A}
3943 \DeclareInputText{196}{\ "A}
3944 \DeclareInputText{197}{\r A}
3945 \DeclareInputText{198}{\AE}
3946 \DeclareInputText{199}{\c C}
3947 \DeclareInputText{200}{\@tabacckludge'E}
3948 \DeclareInputText{201}{\@tabacckludge'E}
3949 \DeclareInputText{202}{\^E}
3950 \DeclareInputText{203}{\ "E}
3951 \DeclareInputText{204}{\@tabacckludge'I}
3952 \DeclareInputText{205}{\@tabacckludge'I}
3953 \DeclareInputText{206}{\^I}
3954 \DeclareInputText{207}{\ "I}
3955 \DeclareInputText{208}{\DH}
3956 \DeclareInputText{209}{\^N}
3957 \DeclareInputText{210}{\@tabacckludge'O}
3958 \DeclareInputText{211}{\@tabacckludge'O}
3959 \DeclareInputText{212}{\^O}
3960 \DeclareInputText{213}{\ "O}
3961 \DeclareInputText{214}{\ "O}
3962 \DeclareInputText{215}{\texttimes}
3963 \DeclareInputText{216}{\O}
3964 \DeclareInputText{217}{\@tabacckludge'U}
3965 \DeclareInputText{218}{\@tabacckludge'U}
3966 \DeclareInputText{219}{\^U}
3967 \DeclareInputText{220}{\ "U}
3968 \DeclareInputText{221}{\@tabacckludge'Y}
3969 \DeclareInputText{222}{\TH}
3970 \DeclareInputText{223}{\ss}
3971 \DeclareInputText{224}{\@tabacckludge'a}
3972 \DeclareInputText{225}{\@tabacckludge'a}

```

```

3973 \DeclareInputText{226}{\`a}
3974 \DeclareInputText{227}{\~a}
3975 \DeclareInputText{228}{\`a}
3976 \DeclareInputText{229}{\r a}
3977 \DeclareInputText{230}{\ae}
3978 \DeclareInputText{231}{\c c}
3979 \DeclareInputText{232}{\@tabacckludge'e}
3980 \DeclareInputText{233}{\@tabacckludge'e}
3981 \DeclareInputText{234}{\`e}
3982 \DeclareInputText{235}{\`e}
3983 \DeclareInputText{236}{\@tabacckludge'i}
3984 \DeclareInputText{237}{\@tabacckludge'i}
3985 \DeclareInputText{238}{\`i}
3986 \DeclareInputText{239}{\`i}
3987 \DeclareInputText{240}{\dh}
3988 \DeclareInputText{241}{\`n}
3989 \DeclareInputText{242}{\@tabacckludge'o}
3990 \DeclareInputText{243}{\@tabacckludge'o}
3991 \DeclareInputText{244}{\`o}
3992 \DeclareInputText{245}{\~o}
3993 \DeclareInputText{246}{\`o}
3994 \DeclareInputText{247}{\textdiv}
3995 \DeclareInputText{248}{\`o}
3996 \DeclareInputText{249}{\@tabacckludge'u}
3997 \DeclareInputText{250}{\@tabacckludge'u}
3998 \DeclareInputText{251}{\`u}
3999 \DeclareInputText{252}{\`u}
4000 \DeclareInputText{253}{\@tabacckludge'y}
4001 \DeclareInputText{254}{\th}
4002 \DeclareInputText{255}{\`y}
4003 \RestoreAtCatcode
4004 \</cp1252>

```

## 2.5.25 Encoding cp1257

```

4005 \<*cp1257>
4006 \ProvidesFile{x-cp1257.def}%
4007 [2010/01/11 v1.6 Input encoding cp1257 (inputenx)]%
4008 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4009 \makeatletter
4010 \ProvideTextCommandDefault{\textasciicute}{%
4011   \@tabacckludge'}%
4012 }
4013 \ProvideTextCommandDefault{\textasciicaron}{%
4014   \v}%
4015 }
4016 \ProvideTextCommandDefault{\textasciidieresis}{%
4017   \"}%
4018 }
4019 \ProvideTextCommandDefault{\textasciimacron}{%
4020   \@tabacckludge=%}%
4021 }
4022 \ProvideTextCommandDefault{\textbrokenbar}{%
4023   \TextSymbolUnavailable\textbrokenbar}
4024 }
4025 \ProvideTextCommandDefault{\textcent}{%
4026   \TextSymbolUnavailable\textcent}
4027 }
4028 \ProvideTextCommandDefault{\textcurrency}{%
4029   \TextSymbolUnavailable\textcurrency}
4030 }
4031 \ProvideTextCommandDefault{\textdegree}{%
4032   \ensuremath{\^{\circ}}}%
4033 }

```

```

4034 \ProvideTextCommandDefault{\textdiv}{%
4035   \TextSymbolUnavailable\textdiv
4036 }
4037 \ProvideTextCommandDefault{\texteuro}{%
4038   \TextSymbolUnavailable\texteuro
4039 }
4040 \ProvideTextCommandDefault{\textlnot}{%
4041   \ensuremath\lnot
4042 }
4043 \ProvideTextCommandDefault{\textmu}{%
4044   \ensuremath\mu
4045 }
4046 \ProvideTextCommandDefault{\textonehalf}{%
4047   \ensuremath{\frac{1}{2}}%
4048 }
4049 \ProvideTextCommandDefault{\textonequarter}{%
4050   \ensuremath{\frac{1}{4}}%
4051 }
4052 \ProvideTextCommandDefault{\textonesuperior}{%
4053   \ensuremath{{}^1}%
4054 }
4055 \ProvideTextCommandDefault{\textpm}{%
4056   \ensuremath\pm
4057 }
4058 \ProvideTextCommandDefault{\textthreequarters}{%
4059   \ensuremath{\frac{3}{4}}%
4060 }
4061 \ProvideTextCommandDefault{\textthreesuperior}{%
4062   \ensuremath{{}^3}%
4063 }
4064 \ProvideTextCommandDefault{\texttimes}{%
4065   \ensuremath\times
4066 }
4067 \ProvideTextCommandDefault{\texttwosuperior}{%
4068   \ensuremath{{}^2}%
4069 }
4070 \DeclareInputText{128}{\texteuro}
4071 \DeclareInputText{130}{\quotesinglbase}
4072 \DeclareInputText{132}{\quotedblbase}
4073 \DeclareInputText{133}{\textellipsis}
4074 \DeclareInputText{134}{\textdagger}
4075 \DeclareInputText{135}{\textdaggerdbl}
4076 \DeclareInputText{137}{\textperthousand}
4077 \DeclareInputText{139}{\guilsinglleft}
4078 \DeclareInputText{141}{\textasciidiieresis}
4079 \DeclareInputText{142}{\textasciicaron}
4080 \DeclareInputText{143}{\c\ }
4081 \DeclareInputText{145}{\textquoteleft}
4082 \DeclareInputText{146}{\textquoteright}
4083 \DeclareInputText{147}{\textquotedblleft}
4084 \DeclareInputText{148}{\textquotedblright}
4085 \DeclareInputText{149}{\textbullet}
4086 \DeclareInputText{150}{\textendash}
4087 \DeclareInputText{151}{\textemdash}
4088 \DeclareInputText{153}{\texttrademark}
4089 \DeclareInputText{155}{\guilsinglright}
4090 \DeclareInputText{157}{\textasciimacron}
4091 \DeclareInputText{158}{\k{}}
4092 \DeclareInputText{160}{\nobreakspace}
4093 \DeclareInputText{162}{\textcent}
4094 \DeclareInputText{163}{\textsterling}
4095 \DeclareInputText{164}{\textcurrency}

```



```

4096 \DeclareInputText{166}{\textbrokenbar}
4097 \DeclareInputText{167}{\textsection}
4098 \DeclareInputText{168}{\0}
4099 \DeclareInputText{169}{\textcopyright}
4100 \DeclareInputText{170}{\c R}
4101 \DeclareInputText{171}{\guillemotleft}
4102 \DeclareInputText{172}{\textlnot}
4103 \DeclareInputText{173}{\textasciicircum}
4104 \DeclareInputText{174}{\textregistered}
4105 \DeclareInputText{175}{\AE}
4106 \DeclareInputText{176}{\textdegree}
4107 \DeclareInputText{177}{\textpm}
4108 \DeclareInputText{178}{\texttwosuperior}
4109 \DeclareInputText{179}{\textthreesuperior}
4110 \DeclareInputText{180}{\textasciiaacute}
4111 \DeclareInputText{181}{\textmu}
4112 \DeclareInputText{182}{\textparagraph}
4113 \DeclareInputText{183}{\textperiodcentered}
4114 \DeclareInputText{184}{\o}
4115 \DeclareInputText{185}{\textonesuperior}
4116 \DeclareInputText{186}{\c r}
4117 \DeclareInputText{187}{\guillemotright}
4118 \DeclareInputText{188}{\textonequarter}
4119 \DeclareInputText{189}{\textonehalf}
4120 \DeclareInputText{190}{\textthreequarters}
4121 \DeclareInputText{191}{\ae}
4122 \DeclareInputText{192}{\k A}
4123 \DeclareInputText{193}{\k I}
4124 \DeclareInputText{194}{\@tabacckludge=A}
4125 \DeclareInputText{195}{\@tabacckludge'C}
4126 \DeclareInputText{196}{\textasciicircum A}
4127 \DeclareInputText{197}{\r A}
4128 \DeclareInputText{198}{\k E}
4129 \DeclareInputText{199}{\@tabacckludge=E}
4130 \DeclareInputText{200}{\v C}
4131 \DeclareInputText{201}{\@tabacckludge'E}
4132 \DeclareInputText{202}{\@tabacckludge'Z}
4133 \DeclareInputText{203}{\textasciicircum E}
4134 \DeclareInputText{204}{\c G}
4135 \DeclareInputText{205}{\c K}
4136 \DeclareInputText{206}{\@tabacckludge=I}
4137 \DeclareInputText{207}{\c L}
4138 \DeclareInputText{208}{\v S}
4139 \DeclareInputText{209}{\@tabacckludge'N}
4140 \DeclareInputText{210}{\c N}
4141 \DeclareInputText{211}{\@tabacckludge'O}
4142 \DeclareInputText{212}{\@tabacckludge=0}
4143 \DeclareInputText{213}{\textasciicircum 0}
4144 \DeclareInputText{214}{\textasciicircum "0}
4145 \DeclareInputText{215}{\texttimes}
4146 \DeclareInputText{216}{\k U}
4147 \DeclareInputText{217}{\L}
4148 \DeclareInputText{218}{\@tabacckludge'S}
4149 \DeclareInputText{219}{\@tabacckludge=U}
4150 \DeclareInputText{220}{\textasciicircum U}
4151 \DeclareInputText{221}{\textasciicircum .Z}
4152 \DeclareInputText{222}{\v Z}
4153 \DeclareInputText{223}{\ss}
4154 \DeclareInputText{224}{\k a}
4155 \DeclareInputText{225}{\k i}
4156 \DeclareInputText{226}{\@tabacckludge=a}
4157 \DeclareInputText{227}{\@tabacckludge'c}

```

```

4158 \DeclareInputText{228}{\a}
4159 \DeclareInputText{229}{\r a}
4160 \DeclareInputText{230}{\k e}
4161 \DeclareInputText{231}{\@tabacckludge=e}
4162 \DeclareInputText{232}{\v c}
4163 \DeclareInputText{233}{\@tabacckludge'e}
4164 \DeclareInputText{234}{\@tabacckludge'z}
4165 \DeclareInputText{235}{\e}
4166 \DeclareInputText{236}{\v g}
4167 \DeclareInputText{237}{\c k}
4168 \DeclareInputText{238}{\@tabacckludge=i}
4169 \DeclareInputText{239}{\c l}
4170 \DeclareInputText{240}{\v s}
4171 \DeclareInputText{241}{\@tabacckludge'n}
4172 \DeclareInputText{242}{\c n}
4173 \DeclareInputText{243}{\@tabacckludge'o}
4174 \DeclareInputText{244}{\@tabacckludge=o}
4175 \DeclareInputText{245}{\o}
4176 \DeclareInputText{246}{\o}
4177 \DeclareInputText{247}{\textdiv}
4178 \DeclareInputText{248}{\k u}
4179 \DeclareInputText{249}{\l}
4180 \DeclareInputText{250}{\@tabacckludge's}
4181 \DeclareInputText{251}{\@tabacckludge=u}
4182 \DeclareInputText{252}{\u}
4183 \DeclareInputText{253}{\z}
4184 \DeclareInputText{254}{\v z}
4185 \DeclareInputText{255}{\cdot}
4186 \RestoreAtCatcode
4187 \</cp1257>

```

## 2.5.26 Encoding dec-mcs

```

4188 \<dec-mcs>
4189 \ProvidesFile{x-dec-mcs.def}%
4190 [2010/01/11 v1.6 Input encoding dec-mcs (inputenx)]%
4191 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4192 \makeatletter
4193 \ProvideTextCommandDefault{\textcent}{%
4194   \TextSymbolUnavailable\textcent
4195 }
4196 \ProvideTextCommandDefault{\textcurrency}{%
4197   \TextSymbolUnavailable\textcurrency
4198 }
4199 \ProvideTextCommandDefault{\textdegree}{%
4200   \ensuremath{{}^{\circ}}%
4201 }
4202 \ProvideTextCommandDefault{\textmu}{%
4203   \ensuremath{\mu}
4204 }
4205 \ProvideTextCommandDefault{\textonehalf}{%
4206   \ensuremath{\frac{1}{2}}%
4207 }
4208 \ProvideTextCommandDefault{\textonequarter}{%
4209   \ensuremath{\frac{1}{4}}%
4210 }
4211 \ProvideTextCommandDefault{\textonesuperior}{%
4212   \ensuremath{{}^1}%
4213 }
4214 \ProvideTextCommandDefault{\textpm}{%
4215   \ensuremath{\text{pm}}
4216 }
4217 \ProvideTextCommandDefault{\textthreesuperior}{%
4218   \ensuremath{{}^3}%

```

```

4219 }
4220 \ProvideTextCommandDefault{\texttwosuperior}{%
4221   \ensuremath{{}^2}}%
4222 }
4223 \ProvideTextCommandDefault{\textyen}{%
4224   \TextSymbolUnavailable\textyen
4225 }
4226 \DeclareInputText{161}{\textexclamdown}
4227 \DeclareInputText{162}{\textcent}
4228 \DeclareInputText{163}{\textsterling}
4229 \DeclareInputText{165}{\textyen}
4230 \DeclareInputText{167}{\textsection}
4231 \DeclareInputText{168}{\textcurrency}
4232 \DeclareInputText{169}{\textcopyright}
4233 \DeclareInputText{170}{\textordfeminine}
4234 \DeclareInputText{171}{\guillemotleft}
4235 \DeclareInputText{176}{\textdegree}
4236 \DeclareInputText{177}{\textpm}
4237 \DeclareInputText{178}{\texttwosuperior}
4238 \DeclareInputText{179}{\textthreesuperior}
4239 \DeclareInputText{181}{\textmu}
4240 \DeclareInputText{182}{\textparagraph}
4241 \DeclareInputText{183}{\textperiodcentered}
4242 \DeclareInputText{185}{\textonesuperior}
4243 \DeclareInputText{186}{\textordmasculine}
4244 \DeclareInputText{187}{\guillemotright}
4245 \DeclareInputText{188}{\textonequarter}
4246 \DeclareInputText{189}{\textonehalf}
4247 \DeclareInputText{191}{\textquestiondown}
4248 \DeclareInputText{192}{\@tabacckludge'A}
4249 \DeclareInputText{193}{\@tabacckludge'A}
4250 \DeclareInputText{194}{\^A}
4251 \DeclareInputText{195}{\^A}
4252 \DeclareInputText{196}{"A}
4253 \DeclareInputText{197}{\r A}
4254 \DeclareInputText{198}{\AE}
4255 \DeclareInputText{199}{\c C}
4256 \DeclareInputText{200}{\@tabacckludge'E}
4257 \DeclareInputText{201}{\@tabacckludge'E}
4258 \DeclareInputText{202}{\^E}
4259 \DeclareInputText{203}{\^E}
4260 \DeclareInputText{204}{\@tabacckludge'I}
4261 \DeclareInputText{205}{\@tabacckludge'I}
4262 \DeclareInputText{206}{\^I}
4263 \DeclareInputText{207}{\^I}
4264 \DeclareInputText{209}{\^N}
4265 \DeclareInputText{210}{\@tabacckludge'O}
4266 \DeclareInputText{211}{\@tabacckludge'O}
4267 \DeclareInputText{212}{\^O}
4268 \DeclareInputText{213}{\^O}
4269 \DeclareInputText{214}{"O}
4270 \DeclareInputText{215}{\OE}
4271 \DeclareInputText{216}{\O}
4272 \DeclareInputText{217}{\@tabacckludge'U}
4273 \DeclareInputText{218}{\@tabacckludge'U}
4274 \DeclareInputText{219}{\^U}
4275 \DeclareInputText{220}{"U}
4276 \DeclareInputText{221}{"Y}
4277 \DeclareInputText{223}{\ss}
4278 \DeclareInputText{224}{\@tabacckludge'a}
4279 \DeclareInputText{225}{\@tabacckludge'a}
4280 \DeclareInputText{226}{\^a}

```



```

4342 \DeclareInputText{132}{\textSFii}
4343 \DeclareInputText{133}{\textSFiv}
4344 \DeclareInputText{134}{\textSFviii}
4345 \DeclareInputText{135}{\textSFix}
4346 \DeclareInputText{136}{\textSFvi}
4347 \DeclareInputText{137}{\textSFvii}
4348 \DeclareInputText{138}{\textSFv}
4349 \DeclareInputText{139}{\textupblock}
4350 \DeclareInputText{140}{\textdnblock}
4351 \DeclareInputText{141}{\textblock}
4352 \DeclareInputText{142}{\textlfblock}
4353 \DeclareInputText{143}{\textrtblock}
4354 \DeclareInputText{144}{\textltshade}
4355 \DeclareInputText{145}{\textshade}
4356 \DeclareInputText{146}{\textdkshade}
4357 \DeclareInputText{148}{\textblacksquare}
4358 \DeclareInputText{149}{\textbullet}
4359 \DeclareInputText{150}{\textsurd}
4360 \DeclareInputText{151}{\textapproxequal}
4361 \DeclareInputText{152}{\textlessequal}
4362 \DeclareInputText{153}{\textgreaterequal}
4363 \DeclareInputText{154}{\nobreakspace}
4364 \DeclareInputText{156}{\textdegree}
4365 \DeclareInputText{157}{\texttwosuperior}
4366 \DeclareInputText{158}{\textperiodcentered}
4367 \DeclareInputText{159}{\textdiv}
4368 \DeclareInputText{160}{\textSFxliii}
4369 \DeclareInputText{161}{\textSFxxiv}
4370 \DeclareInputText{162}{\textSFli}
4371 \DeclareInputText{163}{\cyryo}
4372 \DeclareInputText{164}{\textSFlii}
4373 \DeclareInputText{165}{\textSFxxxix}
4374 \DeclareInputText{166}{\textSFxxii}
4375 \DeclareInputText{167}{\textSFxxi}
4376 \DeclareInputText{168}{\textSFxxv}
4377 \DeclareInputText{169}{\textSF1}
4378 \DeclareInputText{170}{\textSFxlix}
4379 \DeclareInputText{171}{\textSFxxxviii}
4380 \DeclareInputText{172}{\textSFxxviii}
4381 \DeclareInputText{173}{\textSFxxvii}
4382 \DeclareInputText{174}{\textSFxxvi}
4383 \DeclareInputText{175}{\textSFxxxvi}
4384 \DeclareInputText{176}{\textSFxxxvii}
4385 \DeclareInputText{177}{\textSFxlii}
4386 \DeclareInputText{178}{\textSFxix}
4387 \DeclareInputText{179}{\CYRY0}
4388 \DeclareInputText{180}{\textSFxx}
4389 \DeclareInputText{181}{\textSFxxiii}
4390 \DeclareInputText{182}{\textSFxlvi}
4391 \DeclareInputText{183}{\textSFxlvi}
4392 \DeclareInputText{184}{\textSFxli}
4393 \DeclareInputText{185}{\textSFxlv}
4394 \DeclareInputText{186}{\textSFxlvi}
4395 \DeclareInputText{187}{\textSFxl}
4396 \DeclareInputText{188}{\textSFliv}
4397 \DeclareInputText{189}{\textSFliii}
4398 \DeclareInputText{190}{\textSFxliv}
4399 \DeclareInputText{191}{\textcopyright}
4400 \DeclareInputText{192}{\cyryu}
4401 \DeclareInputText{193}{\cyra}
4402 \DeclareInputText{194}{\cyrb}
4403 \DeclareInputText{195}{\cyrc}

```

```

4404 \DeclareInputText{196}{\cyrd}
4405 \DeclareInputText{197}{\cyre}
4406 \DeclareInputText{198}{\cyrf}
4407 \DeclareInputText{199}{\cyrg}
4408 \DeclareInputText{200}{\cyrh}
4409 \DeclareInputText{201}{\cyri}
4410 \DeclareInputText{202}{\cyrishrt}
4411 \DeclareInputText{203}{\cyrk}
4412 \DeclareInputText{204}{\cyr1}
4413 \DeclareInputText{205}{\cyrm}
4414 \DeclareInputText{206}{\cyrn}
4415 \DeclareInputText{207}{\cyro}
4416 \DeclareInputText{208}{\cyrp}
4417 \DeclareInputText{209}{\cyrYA}
4418 \DeclareInputText{210}{\cyrr}
4419 \DeclareInputText{211}{\cyrs}
4420 \DeclareInputText{212}{\cyrt}
4421 \DeclareInputText{213}{\cyru}
4422 \DeclareInputText{214}{\cyrzh}
4423 \DeclareInputText{215}{\cyrv}
4424 \DeclareInputText{216}{\cyrsftsn}
4425 \DeclareInputText{217}{\cyrery}
4426 \DeclareInputText{218}{\cyrz}
4427 \DeclareInputText{219}{\cyrsh}
4428 \DeclareInputText{220}{\cyrerev}
4429 \DeclareInputText{221}{\cyrshch}
4430 \DeclareInputText{222}{\cyrch}
4431 \DeclareInputText{223}{\cyrhrdsn}
4432 \DeclareInputText{224}{\CYRYU}
4433 \DeclareInputText{225}{\CYRA}
4434 \DeclareInputText{226}{\CYRB}
4435 \DeclareInputText{227}{\CYRC}
4436 \DeclareInputText{228}{\CYRD}
4437 \DeclareInputText{229}{\CYRE}
4438 \DeclareInputText{230}{\CYRF}
4439 \DeclareInputText{231}{\CYRG}
4440 \DeclareInputText{232}{\CYRH}
4441 \DeclareInputText{233}{\CYRI}
4442 \DeclareInputText{234}{\CYRISHRT}
4443 \DeclareInputText{235}{\CYRK}
4444 \DeclareInputText{236}{\CYRL}
4445 \DeclareInputText{237}{\CYRM}
4446 \DeclareInputText{238}{\CYRN}
4447 \DeclareInputText{239}{\CYRO}
4448 \DeclareInputText{240}{\CYRP}
4449 \DeclareInputText{241}{\CYRYA}
4450 \DeclareInputText{242}{\CYRR}
4451 \DeclareInputText{243}{\CYRS}
4452 \DeclareInputText{244}{\CYRT}
4453 \DeclareInputText{245}{\CYRU}
4454 \DeclareInputText{246}{\CYRZH}
4455 \DeclareInputText{247}{\CYRV}
4456 \DeclareInputText{248}{\CYRSFTSN}
4457 \DeclareInputText{249}{\CYRERY}
4458 \DeclareInputText{250}{\CYRZ}
4459 \DeclareInputText{251}{\CYRSH}
4460 \DeclareInputText{252}{\CYREREV}
4461 \DeclareInputText{253}{\CYRSHCH}
4462 \DeclareInputText{254}{\CYRCH}
4463 \DeclareInputText{255}{\CYRHRDSN}
4464 \RestoreAtCatcode
4465 </koi8-r>

```

## 2.5.28 Encoding mac-centeuro

```

4466 <*mac-centeuro>
4467 \ProvidesFile{x-mac-centeuro.def}%
4468 [2010/01/11 v1.6 Input encoding mac-centeuro (inputenx)]%
4469 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4470 \makeatletter
4471 \ProvideTextCommandDefault{\textasciicaron}{%
4472   \v{}}%
4473 }
4474 \ProvideTextCommandDefault{\textasciidieresis}{%
4475   \"{}}%
4476 }
4477 \ProvideTextCommandDefault{\textdegree}{%
4478   \ensuremath{{}^\circ}}%
4479 }
4480 \ProvideTextCommandDefault{\textdiv}{%
4481   \TextSymbolUnavailable\textdiv
4482 }
4483 \ProvideTextCommandDefault{\textgtrerequal}{%
4484   \ensuremath\geq
4485 }
4486 \ProvideTextCommandDefault{\textincrement}{%
4487   \ensuremath\Delta
4488 }
4489 \ProvideTextCommandDefault{\textlessequal}{%
4490   \ensuremath\leq
4491 }
4492 \ProvideTextCommandDefault{\textlnot}{%
4493   \ensuremath\not
4494 }
4495 \ProvideTextCommandDefault{\textlozenge}{%
4496   \ensuremath\diamond
4497 }
4498 \ProvideTextCommandDefault{\textnotequal}{%
4499   \ensuremath\neq
4500 }
4501 \ProvideTextCommandDefault{\textpartial}{%
4502   \ensuremath\partial
4503 }
4504 \ProvideTextCommandDefault{\textsummation}{%
4505   \ensuremath\Sigma
4506 }
4507 \ProvideTextCommandDefault{\textsurd}{%
4508   \ensuremath\surd
4509 }
4510 \DeclareInputText{128}{\A}
4511 \DeclareInputText{129}{\@tabacckludge=A}
4512 \DeclareInputText{130}{\@tabacckludge=a}
4513 \DeclareInputText{131}{\@tabacckludge'E}
4514 \DeclareInputText{132}{\k A}
4515 \DeclareInputText{133}{\O}
4516 \DeclareInputText{134}{\U}
4517 \DeclareInputText{135}{\@tabacckludge'a}
4518 \DeclareInputText{136}{\k a}
4519 \DeclareInputText{137}{\v C}
4520 \DeclareInputText{138}{\a}
4521 \DeclareInputText{139}{\v c}
4522 \DeclareInputText{140}{\@tabacckludge'C}
4523 \DeclareInputText{141}{\@tabacckludge'c}
4524 \DeclareInputText{142}{\@tabacckludge'e}
4525 \DeclareInputText{143}{\@tabacckludge'Z}
4526 \DeclareInputText{144}{\@tabacckludge'z}

```

```

4527 \DeclareInputText{145}{\v D}
4528 \DeclareInputText{146}{\@tabacckludge'\i}
4529 \DeclareInputText{147}{\v d}
4530 \DeclareInputText{148}{\@tabacckludge=E}
4531 \DeclareInputText{149}{\@tabacckludge=e}
4532 \DeclareInputText{150}{\ .E}
4533 \DeclareInputText{151}{\@tabacckludge'o}
4534 \DeclareInputText{152}{\ .e}
4535 \DeclareInputText{153}{\ ^o}
4536 \DeclareInputText{154}{\ "o}
4537 \DeclareInputText{155}{\ ^o}
4538 \DeclareInputText{156}{\@tabacckludge'u}
4539 \DeclareInputText{157}{\v E}
4540 \DeclareInputText{158}{\v e}
4541 \DeclareInputText{159}{\ "u}
4542 \DeclareInputText{160}{\textdagger}
4543 \DeclareInputText{161}{\textdegree}
4544 \DeclareInputText{162}{\k E}
4545 \DeclareInputText{163}{\textsterling}
4546 \DeclareInputText{164}{\textsection}
4547 \DeclareInputText{165}{\textbullet}
4548 \DeclareInputText{166}{\textparagraph}
4549 \DeclareInputText{167}{\ss}
4550 \DeclareInputText{168}{\textregistered}
4551 \DeclareInputText{169}{\textcopyright}
4552 \DeclareInputText{170}{\texttrademark}
4553 \DeclareInputText{171}{\k e}
4554 \DeclareInputText{172}{\textasciidieresis}
4555 \DeclareInputText{173}{\textnotequal}
4556 \DeclareInputText{174}{\v g}
4557 \DeclareInputText{175}{\k I}
4558 \DeclareInputText{176}{\k i}
4559 \DeclareInputText{177}{\@tabacckludge=I}
4560 \DeclareInputText{178}{\textlessequal}
4561 \DeclareInputText{179}{\textgreaterequal}
4562 \DeclareInputText{180}{\@tabacckludge=\i}
4563 \DeclareInputText{181}{\c K}
4564 \DeclareInputText{182}{\textpartial}
4565 \DeclareInputText{183}{\textsummation}
4566 \DeclareInputText{184}{\l}
4567 \DeclareInputText{185}{\c L}
4568 \DeclareInputText{186}{\c l}
4569 \DeclareInputText{187}{\v L}
4570 \DeclareInputText{188}{\v l}
4571 \DeclareInputText{189}{\@tabacckludge'L}
4572 \DeclareInputText{190}{\@tabacckludge'l}
4573 \DeclareInputText{191}{\c N}
4574 \DeclareInputText{192}{\c n}
4575 \DeclareInputText{193}{\@tabacckludge'N}
4576 \DeclareInputText{194}{\textlnot}
4577 \DeclareInputText{195}{\textsurd}
4578 \DeclareInputText{196}{\@tabacckludge'n}
4579 \DeclareInputText{197}{\v N}
4580 \DeclareInputText{198}{\textincrement}
4581 \DeclareInputText{199}{\guillemotleft}
4582 \DeclareInputText{200}{\guillemotright}
4583 \DeclareInputText{201}{\textellipsis}
4584 \DeclareInputText{202}{\nobreakspace}
4585 \DeclareInputText{203}{\v n}
4586 \DeclareInputText{204}{\H O}
4587 \DeclareInputText{205}{\ ^O}
4588 \DeclareInputText{206}{\H o}

```



```

4589 \DeclareInputText{207}{\@tabacckludge=0}
4590 \DeclareInputText{208}{\textendash}
4591 \DeclareInputText{209}{\textemdash}
4592 \DeclareInputText{210}{\textquotedblleft}
4593 \DeclareInputText{211}{\textquotedblright}
4594 \DeclareInputText{212}{\textquoteleft}
4595 \DeclareInputText{213}{\textquoteright}
4596 \DeclareInputText{214}{\textdiv}
4597 \DeclareInputText{215}{\textlozenge}
4598 \DeclareInputText{216}{\@tabacckludge=o}
4599 \DeclareInputText{217}{\@tabacckludge'R}
4600 \DeclareInputText{218}{\@tabacckludge'r}
4601 \DeclareInputText{219}{\v R}
4602 \DeclareInputText{220}{\guilsinglleft}
4603 \DeclareInputText{221}{\guilsinglright}
4604 \DeclareInputText{222}{\v r}
4605 \DeclareInputText{223}{\c R}
4606 \DeclareInputText{224}{\c r}
4607 \DeclareInputText{225}{\v S}
4608 \DeclareInputText{226}{\quotesinglbase}
4609 \DeclareInputText{227}{\quotedblbase}
4610 \DeclareInputText{228}{\v s}
4611 \DeclareInputText{229}{\@tabacckludge'S}
4612 \DeclareInputText{230}{\@tabacckludge's}
4613 \DeclareInputText{231}{\@tabacckludge'A}
4614 \DeclareInputText{232}{\v T}
4615 \DeclareInputText{233}{\v t}
4616 \DeclareInputText{234}{\@tabacckludge'I}
4617 \DeclareInputText{235}{\v Z}
4618 \DeclareInputText{236}{\v z}
4619 \DeclareInputText{237}{\@tabacckludge=U}
4620 \DeclareInputText{238}{\@tabacckludge'O}
4621 \DeclareInputText{239}{\^0}
4622 \DeclareInputText{240}{\@tabacckludge=u}
4623 \DeclareInputText{241}{\r U}
4624 \DeclareInputText{242}{\@tabacckludge'U}
4625 \DeclareInputText{243}{\r u}
4626 \DeclareInputText{244}{\H U}
4627 \DeclareInputText{245}{\H u}
4628 \DeclareInputText{246}{\k U}
4629 \DeclareInputText{247}{\k u}
4630 \DeclareInputText{248}{\@tabacckludge'Y}
4631 \DeclareInputText{249}{\@tabacckludge'y}
4632 \DeclareInputText{250}{\c k}
4633 \DeclareInputText{251}{\ .Z}
4634 \DeclareInputText{252}{\L}
4635 \DeclareInputText{253}{\ .z}
4636 \DeclareInputText{254}{\c G}
4637 \DeclareInputText{255}{\textasciicaron}
4638 \RestoreAtCatcode
4639 \</mac-centeuro>

```

## 2.5.29 Encoding mac-cyrillic

```

4640 \<*mac-cyrillic>
4641 \ProvidesFile{x-mac-cyrillic.def}%
4642 [2010/01/11 v1.6 Input encoding mac-cyrillic (inputenx)]%
4643 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4644 \makeatletter
4645 \ProvideTextCommandDefault{\textapproxequal}{%
4646 \ensuremath\approx
4647 }
4648 \ProvideTextCommandDefault{\textdegree}{%
4649 \ensuremath{^\circ}}%

```

```

4650 }
4651 \ProvideTextCommandDefault{\textdiv}{%
4652   \TextSymbolUnavailable\textdiv
4653 }
4654 \ProvideTextCommandDefault{\texteuro}{%
4655   \TextSymbolUnavailable\texteuro
4656 }
4657 \ProvideTextCommandDefault{\textflorin}{%
4658   \textit{f}%
4659 }
4660 \ProvideTextCommandDefault{\textgreaterorequal}{%
4661   \ensuremath\geq
4662 }
4663 \ProvideTextCommandDefault{\textincrement}{%
4664   \ensuremath\Delta
4665 }
4666 \ProvideTextCommandDefault{\textinfinity}{%
4667   \ensuremath\infty
4668 }
4669 \ProvideTextCommandDefault{\textlessequal}{%
4670   \ensuremath\leq
4671 }
4672 \ProvideTextCommandDefault{\textlnot}{%
4673   \ensuremath\not
4674 }
4675 \ProvideTextCommandDefault{\textmu}{%
4676   \ensuremath\mu
4677 }
4678 \ProvideTextCommandDefault{\textnotequal}{%
4679   \ensuremath\neq
4680 }
4681 \ProvideTextCommandDefault{\textnumero}{%
4682   N%
4683   \bgroup
4684     \check@mathfonts
4685     \fontsize\sf@size\z@
4686     \math@fontsfalse
4687     \selectfont
4688     \ooalign{%
4689       \raise0.5ex\hbox{o}%
4690       \crr
4691       \hline
4692     }%
4693   \egroup
4694 }
4695 \ProvideTextCommandDefault{\textpm}{%
4696   \ensuremath\pm
4697 }
4698 \ProvideTextCommandDefault{\textsurd}{%
4699   \ensuremath\surd
4700 }
4701 \DeclareInputText{128}{\CYRA}
4702 \DeclareInputText{129}{\CYRB}
4703 \DeclareInputText{130}{\CYRV}
4704 \DeclareInputText{131}{\CYRG}
4705 \DeclareInputText{132}{\CYRD}
4706 \DeclareInputText{133}{\CYRE}
4707 \DeclareInputText{134}{\CYRZH}
4708 \DeclareInputText{135}{\CYRZ}
4709 \DeclareInputText{136}{\CYRI}
4710 \DeclareInputText{137}{\CYRISHRT}
4711 \DeclareInputText{138}{\CYRK}

```

```

4712 \DeclareInputText{139}{\CYRL}
4713 \DeclareInputText{140}{\CYRM}
4714 \DeclareInputText{141}{\CYRN}
4715 \DeclareInputText{142}{\CYRO}
4716 \DeclareInputText{143}{\CYRP}
4717 \DeclareInputText{144}{\CYRR}
4718 \DeclareInputText{145}{\CYRS}
4719 \DeclareInputText{146}{\CYRT}
4720 \DeclareInputText{147}{\CYRU}
4721 \DeclareInputText{148}{\CYRF}
4722 \DeclareInputText{149}{\CYRH}
4723 \DeclareInputText{150}{\CYRC}
4724 \DeclareInputText{151}{\CYRCH}
4725 \DeclareInputText{152}{\CYRSH}
4726 \DeclareInputText{153}{\CYRSHCH}
4727 \DeclareInputText{154}{\CYRHRDSN}
4728 \DeclareInputText{155}{\CYRERY}
4729 \DeclareInputText{156}{\CYRSFTSN}
4730 \DeclareInputText{157}{\CYREREV}
4731 \DeclareInputText{158}{\CYRYU}
4732 \DeclareInputText{159}{\CYRYA}
4733 \DeclareInputText{160}{\textdagger}
4734 \DeclareInputText{161}{\textdegree}
4735 \DeclareInputText{162}{\CYRGUP}
4736 \DeclareInputText{163}{\textsterling}
4737 \DeclareInputText{164}{\textsection}
4738 \DeclareInputText{165}{\textbullet}
4739 \DeclareInputText{166}{\textparagraph}
4740 \DeclareInputText{167}{\CYRII}
4741 \DeclareInputText{168}{\textregistered}
4742 \DeclareInputText{169}{\textcopyright}
4743 \DeclareInputText{170}{\texttrademark}
4744 \DeclareInputText{171}{\CYRDJE}
4745 \DeclareInputText{172}{\cyrdje}
4746 \DeclareInputText{173}{\textnotequal}
4747 \DeclareInputText{174}{\@tabacckludge'\CYRG}
4748 \DeclareInputText{175}{\@tabacckludge'\cyrg}
4749 \DeclareInputText{176}{\textinfinity}
4750 \DeclareInputText{177}{\textpm}
4751 \DeclareInputText{178}{\textlessequal}
4752 \DeclareInputText{179}{\textgreaterequal}
4753 \DeclareInputText{180}{\cyrii}
4754 \DeclareInputText{181}{\textmu}
4755 \DeclareInputText{182}{\cyrgup}
4756 \DeclareInputText{183}{\CYRJE}
4757 \DeclareInputText{184}{\CYRIE}
4758 \DeclareInputText{185}{\cyrie}
4759 \DeclareInputText{186}{\CYRYI}
4760 \DeclareInputText{187}{\cyryi}
4761 \DeclareInputText{188}{\CYRLJE}
4762 \DeclareInputText{189}{\cyrlje}
4763 \DeclareInputText{190}{\CYRNJE}
4764 \DeclareInputText{191}{\cyrnje}
4765 \DeclareInputText{192}{\cyrje}
4766 \DeclareInputText{193}{\CYRDZE}
4767 \DeclareInputText{194}{\textlnot}
4768 \DeclareInputText{195}{\textsurd}
4769 \DeclareInputText{196}{\textflorin}
4770 \DeclareInputText{197}{\textapproxequal}
4771 \DeclareInputText{198}{\textincrement}
4772 \DeclareInputText{199}{\guillemotleft}
4773 \DeclareInputText{200}{\guillemotright}

```

```

4774 \DeclareInputText{201}{\textellipsis}
4775 \DeclareInputText{202}{\nobreakspace}
4776 \DeclareInputText{203}{\CYRTSHE}
4777 \DeclareInputText{204}{\cyrtshe}
4778 \DeclareInputText{205}{\@tabacckludge'\CYRK}
4779 \DeclareInputText{206}{\@tabacckludge'\cyrk}
4780 \DeclareInputText{207}{\cyrdze}
4781 \DeclareInputText{208}{\textendash}
4782 \DeclareInputText{209}{\textemdash}
4783 \DeclareInputText{210}{\textquotedblleft}
4784 \DeclareInputText{211}{\textquotedblright}
4785 \DeclareInputText{212}{\textquoteleft}
4786 \DeclareInputText{213}{\textquoteright}
4787 \DeclareInputText{214}{\textdiv}
4788 \DeclareInputText{215}{\quotedblbase}
4789 \DeclareInputText{216}{\CYRUSHRT}
4790 \DeclareInputText{217}{\cyrushrt}
4791 \DeclareInputText{218}{\CYRDZHE}
4792 \DeclareInputText{219}{\cyrdzhe}
4793 \DeclareInputText{220}{\textnumero}
4794 \DeclareInputText{221}{\CYRYO}
4795 \DeclareInputText{222}{\cyryo}
4796 \DeclareInputText{223}{\cyrya}
4797 \DeclareInputText{224}{\cyra}
4798 \DeclareInputText{225}{\cyrb}
4799 \DeclareInputText{226}{\cyrv}
4800 \DeclareInputText{227}{\cyrg}
4801 \DeclareInputText{228}{\cyrd}
4802 \DeclareInputText{229}{\cyre}
4803 \DeclareInputText{230}{\cyrzh}
4804 \DeclareInputText{231}{\cyrz}
4805 \DeclareInputText{232}{\cyri}
4806 \DeclareInputText{233}{\cyrishrt}
4807 \DeclareInputText{234}{\cyrk}
4808 \DeclareInputText{235}{\cyrl}
4809 \DeclareInputText{236}{\cyrm}
4810 \DeclareInputText{237}{\cyrn}
4811 \DeclareInputText{238}{\cyro}
4812 \DeclareInputText{239}{\cyrp}
4813 \DeclareInputText{240}{\cyrr}
4814 \DeclareInputText{241}{\cyrs}
4815 \DeclareInputText{242}{\cyrt}
4816 \DeclareInputText{243}{\cyru}
4817 \DeclareInputText{244}{\cyrf}
4818 \DeclareInputText{245}{\cyrh}
4819 \DeclareInputText{246}{\cyrc}
4820 \DeclareInputText{247}{\cyrch}
4821 \DeclareInputText{248}{\cyrsh}
4822 \DeclareInputText{249}{\cyrshch}
4823 \DeclareInputText{250}{\cyrhrdsn}
4824 \DeclareInputText{251}{\cyrery}
4825 \DeclareInputText{252}{\cyrsftsn}
4826 \DeclareInputText{253}{\cyrerev}
4827 \DeclareInputText{254}{\cyryu}
4828 \DeclareInputText{255}{\texteuro}
4829 \RestoreAtCatcode
4830 </mac-cyrillic>

```

### 2.5.30 Encoding mac-roman

```

4831 <*mac-roman>
4832 \ProvidesFile{x-mac-roman.def}%
4833 [2010/01/11 v1.6 Input encoding mac-roman (inputenx)]%
4834 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}

```

```

4835 \makeatletter
4836 \ProvideTextCommandDefault{\textOmega}{\%
4837   \ensuremath{\Omega}
4838 }
4839 \ProvideTextCommandDefault{\textacutedbl}{\%
4840   \H}{\%
4841 }
4842 \ProvideTextCommandDefault{\textapproxequal}{\%
4843   \ensuremath{\approx}
4844 }
4845 \ProvideTextCommandDefault{\textasciicute}{\%
4846   \@tabacckludge'}{\%
4847 }
4848 \ProvideTextCommandDefault{\textasciibreve}{\%
4849   \u}{\%
4850 }
4851 \ProvideTextCommandDefault{\textasciicaron}{\%
4852   \v}{\%
4853 }
4854 \ProvideTextCommandDefault{\textasciidieresis}{\%
4855   \"}{\%
4856 }
4857 \ProvideTextCommandDefault{\textasciimacron}{\%
4858   \@tabacckludge={}\%
4859 }
4860 \ProvideTextCommandDefault{\textcent}{\%
4861   \TextSymbolUnavailable\textcent
4862 }
4863 \ProvideTextCommandDefault{\textdegree}{\%
4864   \ensuremath{{}^{\circ}}}{\%
4865 }
4866 \ProvideTextCommandDefault{\textdiv}{\%
4867   \TextSymbolUnavailable\textdiv
4868 }
4869 \ProvideTextCommandDefault{\texteuro}{\%
4870   \TextSymbolUnavailable\texteuro
4871 }
4872 \ProvideTextCommandDefault{\textflorin}{\%
4873   \textit{f}}{\%
4874 }
4875 \ProvideTextCommandDefault{\textfractionsolidus}{\%
4876   /\%
4877 }
4878 \ProvideTextCommandDefault{\textgreaterequal}{\%
4879   \ensuremath{\geq}
4880 }
4881 \ProvideTextCommandDefault{\textincrement}{\%
4882   \ensuremath{\Delta}
4883 }
4884 \ProvideTextCommandDefault{\textinfinity}{\%
4885   \ensuremath{\infty}
4886 }
4887 \ProvideTextCommandDefault{\textintegral}{\%
4888   \ensuremath{\int}
4889 }
4890 \ProvideTextCommandDefault{\textlessequal}{\%
4891   \ensuremath{\leq}
4892 }
4893 \ProvideTextCommandDefault{\textlnot}{\%
4894   \ensuremath{\lnot}
4895 }
4896 \ProvideTextCommandDefault{\textlozenge}{\%

```

```

4897 \ensuremath\diamond
4898 }
4899 \ProvideTextCommandDefault{\textmu}{%
4900 \ensuremath\mu
4901 }
4902 \ProvideTextCommandDefault{\textnotequal}{%
4903 \ensuremath\neq
4904 }
4905 \ProvideTextCommandDefault{\textpartial}{%
4906 \ensuremath\partial
4907 }
4908 \ProvideTextCommandDefault{\textpi}{%
4909 \ensuremath\pi
4910 }
4911 \ProvideTextCommandDefault{\textpm}{%
4912 \ensuremath\pmb{p}
4913 }
4914 \ProvideTextCommandDefault{\textproduct}{%
4915 \ensuremath\Pi
4916 }
4917 \ProvideTextCommandDefault{\textsummation}{%
4918 \ensuremath\Sigma
4919 }
4920 \ProvideTextCommandDefault{\textsurd}{%
4921 \ensuremath\surd
4922 }
4923 \ProvideTextCommandDefault{\textyen}{%
4924 \TextSymbolUnavailable\textyen
4925 }
4926 \DeclareInputText{128}{\A}
4927 \DeclareInputText{129}{\r A}
4928 \DeclareInputText{130}{\c C}
4929 \DeclareInputText{131}{\@tabacckludge'E}
4930 \DeclareInputText{132}{\N}
4931 \DeclareInputText{133}{\O}
4932 \DeclareInputText{134}{\U}
4933 \DeclareInputText{135}{\@tabacckludge'a}
4934 \DeclareInputText{136}{\@tabacckludge'a}
4935 \DeclareInputText{137}{\^a}
4936 \DeclareInputText{138}{\a}
4937 \DeclareInputText{139}{\~a}
4938 \DeclareInputText{140}{\r a}
4939 \DeclareInputText{141}{\c c}
4940 \DeclareInputText{142}{\@tabacckludge'e}
4941 \DeclareInputText{143}{\@tabacckludge'e}
4942 \DeclareInputText{144}{\^e}
4943 \DeclareInputText{145}{\e}
4944 \DeclareInputText{146}{\@tabacckludge'i}
4945 \DeclareInputText{147}{\@tabacckludge'i}
4946 \DeclareInputText{148}{\^i}
4947 \DeclareInputText{149}{\i}
4948 \DeclareInputText{150}{\n}
4949 \DeclareInputText{151}{\@tabacckludge'o}
4950 \DeclareInputText{152}{\@tabacckludge'o}
4951 \DeclareInputText{153}{\^o}
4952 \DeclareInputText{154}{\o}
4953 \DeclareInputText{155}{\~o}
4954 \DeclareInputText{156}{\@tabacckludge'u}
4955 \DeclareInputText{157}{\@tabacckludge'u}
4956 \DeclareInputText{158}{\^u}
4957 \DeclareInputText{159}{\u}
4958 \DeclareInputText{160}{\textdagger}

```

4959 \DeclareInputText{161}{\textdegree}  
 4960 \DeclareInputText{162}{\textcent}  
 4961 \DeclareInputText{163}{\textsterling}  
 4962 \DeclareInputText{164}{\textsection}  
 4963 \DeclareInputText{165}{\textbullet}  
 4964 \DeclareInputText{166}{\textparagraph}  
 4965 \DeclareInputText{167}{\ss}  
 4966 \DeclareInputText{168}{\textregistered}  
 4967 \DeclareInputText{169}{\textcopyright}  
 4968 \DeclareInputText{170}{\texttrademark}  
 4969 \DeclareInputText{171}{\textasciiacute}  
 4970 \DeclareInputText{172}{\textasciidieresis}  
 4971 \DeclareInputText{173}{\textnotequal}  
 4972 \DeclareInputText{174}{\AE}  
 4973 \DeclareInputText{175}{\O}  
 4974 \DeclareInputText{176}{\textinfinity}  
 4975 \DeclareInputText{177}{\textpm}  
 4976 \DeclareInputText{178}{\textlessequal}  
 4977 \DeclareInputText{179}{\textgreaterequal}  
 4978 \DeclareInputText{180}{\textyen}  
 4979 \DeclareInputText{181}{\textmu}  
 4980 \DeclareInputText{182}{\textpartial}  
 4981 \DeclareInputText{183}{\textsummation}  
 4982 \DeclareInputText{184}{\textproduct}  
 4983 \DeclareInputText{185}{\textpi}  
 4984 \DeclareInputText{186}{\textintegral}  
 4985 \DeclareInputText{187}{\textordfeminine}  
 4986 \DeclareInputText{188}{\textordmasculine}  
 4987 \DeclareInputText{189}{\textOmega}  
 4988 \DeclareInputText{190}{\ae}  
 4989 \DeclareInputText{191}{\o}  
 4990 \DeclareInputText{192}{\textquestiondown}  
 4991 \DeclareInputText{193}{\textexclamdown}  
 4992 \DeclareInputText{194}{\textlnot}  
 4993 \DeclareInputText{195}{\textsurd}  
 4994 \DeclareInputText{196}{\textflorin}  
 4995 \DeclareInputText{197}{\textapproxequal}  
 4996 \DeclareInputText{198}{\textincrement}  
 4997 \DeclareInputText{199}{\guillemotleft}  
 4998 \DeclareInputText{200}{\guillemotright}  
 4999 \DeclareInputText{201}{\textellipsis}  
 5000 \DeclareInputText{202}{\nobreakspace}  
 5001 \DeclareInputText{203}{\@tabacckludge'A}  
 5002 \DeclareInputText{204}{\^A}  
 5003 \DeclareInputText{205}{\^O}  
 5004 \DeclareInputText{206}{\OE}  
 5005 \DeclareInputText{207}{\oe}  
 5006 \DeclareInputText{208}{\textendash}  
 5007 \DeclareInputText{209}{\textemdash}  
 5008 \DeclareInputText{210}{\textquotedblleft}  
 5009 \DeclareInputText{211}{\textquotedblright}  
 5010 \DeclareInputText{212}{\textquoteleft}  
 5011 \DeclareInputText{213}{\textquoteright}  
 5012 \DeclareInputText{214}{\textdiv}  
 5013 \DeclareInputText{215}{\textlozenge}  
 5014 \DeclareInputText{216}{\^y}  
 5015 \DeclareInputText{217}{\^Y}  
 5016 \DeclareInputText{218}{\textfractionsolidus}  
 5017 \DeclareInputText{219}{\texteuro}  
 5018 \DeclareInputText{220}{\guilsinglleft}  
 5019 \DeclareInputText{221}{\guilsinglright}  
 5020 \DeclareInputText{222}{fi}

```

5021 \DeclareInputText{223}{f1}
5022 \DeclareInputText{224}{\textdaggerdbl}
5023 \DeclareInputText{225}{\textperiodcentered}
5024 \DeclareInputText{226}{\quotesinglbase}
5025 \DeclareInputText{227}{\quotedblbase}
5026 \DeclareInputText{228}{\textperthousand}
5027 \DeclareInputText{229}{\^A}
5028 \DeclareInputText{230}{\^E}
5029 \DeclareInputText{231}{\@tabacckludge'A}
5030 \DeclareInputText{232}{\^E}
5031 \DeclareInputText{233}{\@tabacckludge'E}
5032 \DeclareInputText{234}{\@tabacckludge'I}
5033 \DeclareInputText{235}{\^I}
5034 \DeclareInputText{236}{\^I}
5035 \DeclareInputText{237}{\@tabacckludge'I}
5036 \DeclareInputText{238}{\@tabacckludge'O}
5037 \DeclareInputText{239}{\^O}
5038 \DeclareInputText{241}{\@tabacckludge'O}
5039 \DeclareInputText{242}{\@tabacckludge'U}
5040 \DeclareInputText{243}{\^U}
5041 \DeclareInputText{244}{\@tabacckludge'U}
5042 \DeclareInputText{245}{\i}
5043 \DeclareInputText{246}{\textasciicircum}
5044 \DeclareInputText{247}{\textasciitilde}
5045 \DeclareInputText{248}{\textasciimacron}
5046 \DeclareInputText{249}{\textasciibreve}
5047 \DeclareInputText{250}{\.\{}}
5048 \DeclareInputText{251}{\r{}}
5049 \DeclareInputText{252}{\c\ }
5050 \DeclareInputText{253}{\textacutedbl}
5051 \DeclareInputText{254}{\k{}}
5052 \DeclareInputText{255}{\textasciicaron}
5053 \RestoreAtCatcode
5054 </mac-roman>

```

### 2.5.31 Encoding nextstep

```

5055 <*nextstep>
5056 \ProvidesFile{x-nextstep.def}%
5057 [2010/01/11 v1.6 Input encoding nextstep (inputenx)]%
5058 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
5059 \makeatletter
5060 \ProvideTextCommandDefault{\textacutedbl}{%
5061   \H{}}%
5062 }
5063 \ProvideTextCommandDefault{\textasciiacute}{%
5064   \@tabacckludge'{}%
5065 }
5066 \ProvideTextCommandDefault{\textasciibreve}{%
5067   \u{}}%
5068 }
5069 \ProvideTextCommandDefault{\textasciicaron}{%
5070   \v{}}%
5071 }
5072 \ProvideTextCommandDefault{\textasciidieresis}{%
5073   \"{}}%
5074 }
5075 \ProvideTextCommandDefault{\textasciigrave}{%
5076   \@tabacckludge'{}%
5077 }
5078 \ProvideTextCommandDefault{\textasciimacron}{%
5079   \@tabacckludge={}%
5080 }
5081 \ProvideTextCommandDefault{\textbrokenbar}{%

```



```

5082 \TextSymbolUnavailable\textbrokenbar
5083 }
5084 \ProvideTextCommandDefault{\textcent}{%
5085 \TextSymbolUnavailable\textcent
5086 }
5087 \ProvideTextCommandDefault{\textcurrency}{%
5088 \TextSymbolUnavailable\textcurrency
5089 }
5090 \ProvideTextCommandDefault{\textdiv}{%
5091 \TextSymbolUnavailable\textdiv
5092 }
5093 \ProvideTextCommandDefault{\textflorin}{%
5094 \textit{f}}%
5095 }
5096 \ProvideTextCommandDefault{\textfractionsolidus}{%
5097 /}%
5098 }
5099 \ProvideTextCommandDefault{\textlnot}{%
5100 \ensuremath{\lnot}
5101 }
5102 \ProvideTextCommandDefault{\textmu}{%
5103 \ensuremath{\mu}
5104 }
5105 \ProvideTextCommandDefault{\textonehalf}{%
5106 \ensuremath{\frac{1}{2}}%
5107 }
5108 \ProvideTextCommandDefault{\textonequarter}{%
5109 \ensuremath{\frac{1}{4}}%
5110 }
5111 \ProvideTextCommandDefault{\textonesuperior}{%
5112 \ensuremath{{}^1}%
5113 }
5114 \ProvideTextCommandDefault{\textpm}{%
5115 \ensuremath{\pm}
5116 }
5117 \ProvideTextCommandDefault{\textthreequarters}{%
5118 \ensuremath{\frac{3}{4}}%
5119 }
5120 \ProvideTextCommandDefault{\textthreesuperior}{%
5121 \ensuremath{{}^3}%
5122 }
5123 \ProvideTextCommandDefault{\texttimes}{%
5124 \ensuremath{\times}
5125 }
5126 \ProvideTextCommandDefault{\texttwosuperior}{%
5127 \ensuremath{{}^2}%
5128 }
5129 \ProvideTextCommandDefault{\textyen}{%
5130 \TextSymbolUnavailable\textyen
5131 }
5132 \DeclareInputText{128}{\nobreakspace}
5133 \DeclareInputText{129}{\@tabacckludge'A}
5134 \DeclareInputText{130}{\@tabacckludge'A}
5135 \DeclareInputText{131}{\^A}
5136 \DeclareInputText{132}{\^A}
5137 \DeclareInputText{133}{\^A}
5138 \DeclareInputText{134}{\r A}
5139 \DeclareInputText{135}{\c C}
5140 \DeclareInputText{136}{\@tabacckludge'E}
5141 \DeclareInputText{137}{\@tabacckludge'E}
5142 \DeclareInputText{138}{\^E}
5143 \DeclareInputText{139}{\^E}

```

```

5144 \DeclareInputText{140}{\@tabacckludge'I}
5145 \DeclareInputText{141}{\@tabacckludge'I}
5146 \DeclareInputText{142}{\^I}
5147 \DeclareInputText{143}{\ "I}
5148 \DeclareInputText{144}{\DH}
5149 \DeclareInputText{145}{\^N}
5150 \DeclareInputText{146}{\@tabacckludge'O}
5151 \DeclareInputText{147}{\@tabacckludge'O}
5152 \DeclareInputText{148}{\^O}
5153 \DeclareInputText{149}{\^O}
5154 \DeclareInputText{150}{\ "O}
5155 \DeclareInputText{151}{\@tabacckludge'U}
5156 \DeclareInputText{152}{\@tabacckludge'U}
5157 \DeclareInputText{153}{\^U}
5158 \DeclareInputText{154}{\ "U}
5159 \DeclareInputText{155}{\@tabacckludge'Y}
5160 \DeclareInputText{156}{\TH}
5161 \DeclareInputText{157}{\textmu}
5162 \DeclareInputText{158}{\texttimes}
5163 \DeclareInputText{159}{\textdiv}
5164 \DeclareInputText{160}{\textcopyright}
5165 \DeclareInputText{161}{\textexclamdown}
5166 \DeclareInputText{162}{\textcent}
5167 \DeclareInputText{163}{\textsterling}
5168 \DeclareInputText{164}{\textfractionsolidus}
5169 \DeclareInputText{165}{\textyen}
5170 \DeclareInputText{166}{\textflorin}
5171 \DeclareInputText{167}{\textsection}
5172 \DeclareInputText{168}{\textcurrency}
5173 \DeclareInputText{169}{\textquoteright}
5174 \DeclareInputText{170}{\textquotedblleft}
5175 \DeclareInputText{171}{\guillemotleft}
5176 \DeclareInputText{172}{\guilsinglleft}
5177 \DeclareInputText{173}{\guilsinglright}
5178 \DeclareInputText{174}{\fi}
5179 \DeclareInputText{175}{\fl}
5180 \DeclareInputText{176}{\textregistered}
5181 \DeclareInputText{177}{\textendash}
5182 \DeclareInputText{178}{\textdagger}
5183 \DeclareInputText{179}{\textdaggerdbl}
5184 \DeclareInputText{180}{\textperiodcentered}
5185 \DeclareInputText{181}{\textbrokenbar}
5186 \DeclareInputText{182}{\textparagraph}
5187 \DeclareInputText{183}{\textbullet}
5188 \DeclareInputText{184}{\quotesinglbase}
5189 \DeclareInputText{185}{\quotedblbase}
5190 \DeclareInputText{186}{\textquotedblright}
5191 \DeclareInputText{187}{\guillemotright}
5192 \DeclareInputText{188}{\textellipsis}
5193 \DeclareInputText{189}{\textperthousand}
5194 \DeclareInputText{190}{\textlnot}
5195 \DeclareInputText{191}{\textquestiondown}
5196 \DeclareInputText{192}{\textonesuperior}
5197 \DeclareInputText{193}{\textasciigrave}
5198 \DeclareInputText{194}{\textasciiacute}
5199 \DeclareInputText{195}{\textasciicircum}
5200 \DeclareInputText{196}{\textasciitilde}
5201 \DeclareInputText{197}{\textasciimacron}
5202 \DeclareInputText{198}{\textasciibreve}
5203 \DeclareInputText{199}{\.\{}}
5204 \DeclareInputText{200}{\textasciidieresis}
5205 \DeclareInputText{201}{\texttwosuperior}

```

```

5206 \DeclareInputText{202}{\r{}}
5207 \DeclareInputText{203}{\c\ }
5208 \DeclareInputText{204}{\textthreesuperior}
5209 \DeclareInputText{205}{\textacutedbl}
5210 \DeclareInputText{206}{\k{}}
5211 \DeclareInputText{207}{\textasciicaron}
5212 \DeclareInputText{208}{\textemdash}
5213 \DeclareInputText{209}{\textpm}
5214 \DeclareInputText{210}{\textonequarter}
5215 \DeclareInputText{211}{\textonehalf}
5216 \DeclareInputText{212}{\textthreequarters}
5217 \DeclareInputText{213}{\@tabacckludge'a}
5218 \DeclareInputText{214}{\@tabacckludge'a}
5219 \DeclareInputText{215}{\^a}
5220 \DeclareInputText{216}{\~a}
5221 \DeclareInputText{217}{\"a}
5222 \DeclareInputText{218}{\r a}
5223 \DeclareInputText{219}{\c c}
5224 \DeclareInputText{220}{\@tabacckludge'e}
5225 \DeclareInputText{221}{\@tabacckludge'e}
5226 \DeclareInputText{222}{\^e}
5227 \DeclareInputText{223}{\"e}
5228 \DeclareInputText{224}{\@tabacckludge'i}
5229 \DeclareInputText{225}{\AE}
5230 \DeclareInputText{226}{\@tabacckludge'i}
5231 \DeclareInputText{227}{\textordfeminine}
5232 \DeclareInputText{228}{\^i}
5233 \DeclareInputText{229}{\"i}
5234 \DeclareInputText{230}{\dh}
5235 \DeclareInputText{231}{\~n}
5236 \DeclareInputText{232}{\L}
5237 \DeclareInputText{233}{\O}
5238 \DeclareInputText{234}{\OE}
5239 \DeclareInputText{235}{\textordmasculine}
5240 \DeclareInputText{236}{\@tabacckludge'o}
5241 \DeclareInputText{237}{\@tabacckludge'o}
5242 \DeclareInputText{238}{\^o}
5243 \DeclareInputText{239}{\~o}
5244 \DeclareInputText{240}{\"o}
5245 \DeclareInputText{241}{\ae}
5246 \DeclareInputText{242}{\@tabacckludge'u}
5247 \DeclareInputText{243}{\@tabacckludge'u}
5248 \DeclareInputText{244}{\^u}
5249 \DeclareInputText{245}{\i}
5250 \DeclareInputText{246}{\"u}
5251 \DeclareInputText{247}{\@tabacckludge'y}
5252 \DeclareInputText{248}{\l}
5253 \DeclareInputText{249}{\o}
5254 \DeclareInputText{250}{\oe}
5255 \DeclareInputText{251}{\ss}
5256 \DeclareInputText{252}{\th}
5257 \DeclareInputText{253}{\"y}
5258 \RestoreAtCatcode
5259 </nextstep>

```

### 2.5.32 Non-Unicode additions

```

5260 <*mac-roman>
5261 \ProvideTextCommandDefault{\textapplelogo}{%
5262   \TextSymbolUnavailable\textapplelogo
5263 }
5264 \DeclareInputText{240}{\textapplelogo}
5265 </mac-roman>

```

## 2.6 Additions for utf8enc.dfu

```
5266 <*dfu>
5267 \ProvidesFile{ix-utf8enc.dfu}%
5268 [2010/01/11 v1.6 Additions of inputenx for utf8enc.dfu]%
5269 \DeclareUnicodeCharacter{00A0}{\nobreakspace}
5270 \DeclareUnicodeCharacter{00AD}{\~}
5271 \DeclareUnicodeCharacter{0100}{\@tabacckludge=A}
5272 \DeclareUnicodeCharacter{0101}{\@tabacckludge=a}
5273 \DeclareUnicodeCharacter{0108}{\^C}
5274 \DeclareUnicodeCharacter{0109}{\^c}
5275 \DeclareUnicodeCharacter{010A}{\^C}
5276 \DeclareUnicodeCharacter{010B}{\^c}
5277 \DeclareUnicodeCharacter{0112}{\@tabacckludge=E}
5278 \DeclareUnicodeCharacter{0113}{\@tabacckludge=e}
5279 \DeclareUnicodeCharacter{0116}{\^E}
5280 \DeclareUnicodeCharacter{0117}{\^e}
5281 \DeclareUnicodeCharacter{011C}{\^G}
5282 \DeclareUnicodeCharacter{011D}{\^g}
5283 \DeclareUnicodeCharacter{0120}{\^G}
5284 \DeclareUnicodeCharacter{0121}{\^g}
5285 \DeclareUnicodeCharacter{0122}{\c G}
5286 \DeclareUnicodeCharacter{0123}{\v g}
5287 \DeclareUnicodeCharacter{0124}{\^H}
5288 \DeclareUnicodeCharacter{0125}{\^h}
5289 \DeclareUnicodeCharacter{0126}{\textmalteseH}
5290 \DeclareUnicodeCharacter{0127}{\textmalteseh}
5291 \DeclareUnicodeCharacter{0128}{\^I}
5292 \DeclareUnicodeCharacter{0129}{\^i}
5293 \DeclareUnicodeCharacter{012A}{\@tabacckludge=I}
5294 \DeclareUnicodeCharacter{012B}{\@tabacckludge=i}
5295 \DeclareUnicodeCharacter{012E}{\k I}
5296 \DeclareUnicodeCharacter{012F}{\k i}
5297 \DeclareUnicodeCharacter{0134}{\^J}
5298 \DeclareUnicodeCharacter{0135}{\^j}
5299 \DeclareUnicodeCharacter{0136}{\c K}
5300 \DeclareUnicodeCharacter{0137}{\c k}
5301 \DeclareUnicodeCharacter{0138}{\textkra}
5302 \DeclareUnicodeCharacter{013B}{\c L}
5303 \DeclareUnicodeCharacter{013C}{\c l}
5304 \DeclareUnicodeCharacter{0145}{\c N}
5305 \DeclareUnicodeCharacter{0146}{\c n}
5306 \DeclareUnicodeCharacter{014C}{\@tabacckludge=O}
5307 \DeclareUnicodeCharacter{014D}{\@tabacckludge=o}
5308 \DeclareUnicodeCharacter{0156}{\c R}
5309 \DeclareUnicodeCharacter{0157}{\c r}
5310 \DeclareUnicodeCharacter{015C}{\^S}
5311 \DeclareUnicodeCharacter{015D}{\^s}
5312 \DeclareUnicodeCharacter{0166}{\textTstroke}
5313 \DeclareUnicodeCharacter{0167}{\texttstroke}
5314 \DeclareUnicodeCharacter{0168}{\^U}
5315 \DeclareUnicodeCharacter{0169}{\^u}
5316 \DeclareUnicodeCharacter{016A}{\@tabacckludge=U}
5317 \DeclareUnicodeCharacter{016B}{\@tabacckludge=u}
5318 \DeclareUnicodeCharacter{016C}{\u U}
5319 \DeclareUnicodeCharacter{016D}{\u u}
5320 \DeclareUnicodeCharacter{0172}{\k U}
5321 \DeclareUnicodeCharacter{0173}{\k u}
5322 \DeclareUnicodeCharacter{0174}{\^W}
5323 \DeclareUnicodeCharacter{0175}{\^w}
5324 \DeclareUnicodeCharacter{0176}{\^Y}
5325 \DeclareUnicodeCharacter{0177}{\^y}
5326 \DeclareUnicodeCharacter{1E02}{\^B}
```

5327 \DeclareUnicodeCharacter{1E03}{\b}  
5328 \DeclareUnicodeCharacter{1E0A}{\D}  
5329 \DeclareUnicodeCharacter{1E0B}{\d}  
5330 \DeclareUnicodeCharacter{1E1E}{\F}  
5331 \DeclareUnicodeCharacter{1E1F}{\f}  
5332 \DeclareUnicodeCharacter{1E40}{\M}  
5333 \DeclareUnicodeCharacter{1E41}{\m}  
5334 \DeclareUnicodeCharacter{1E56}{\P}  
5335 \DeclareUnicodeCharacter{1E57}{\p}  
5336 \DeclareUnicodeCharacter{1E60}{\S}  
5337 \DeclareUnicodeCharacter{1E61}{\s}  
5338 \DeclareUnicodeCharacter{1E6A}{\T}  
5339 \DeclareUnicodeCharacter{1E6B}{\t}  
5340 \DeclareUnicodeCharacter{1E80}{\@tabacckludge'W}  
5341 \DeclareUnicodeCharacter{1E81}{\@tabacckludge'w}  
5342 \DeclareUnicodeCharacter{1E82}{\@tabacckludge'W}  
5343 \DeclareUnicodeCharacter{1E83}{\@tabacckludge'w}  
5344 \DeclareUnicodeCharacter{1E84}{\W}  
5345 \DeclareUnicodeCharacter{1E85}{\w}  
5346 \DeclareUnicodeCharacter{1EF2}{\@tabacckludge'Y}  
5347 \DeclareUnicodeCharacter{1EF3}{\@tabacckludge'y}  
5348 \DeclareUnicodeCharacter{0218}{\textcommabelow S}  
5349 \DeclareUnicodeCharacter{0219}{\textcommabelow s}  
5350 \DeclareUnicodeCharacter{021A}{\textcommabelow T}  
5351 \DeclareUnicodeCharacter{021B}{\textcommabelow t}  
5352 \DeclareUnicodeCharacter{02CB}{\textasciigrave}  
5353 \DeclareUnicodeCharacter{02D9}{\.{}}  
5354 \DeclareUnicodeCharacter{02DA}{\r{}}  
5355 \DeclareUnicodeCharacter{02DB}{\k{}}  
5356 \DeclareUnicodeCharacter{0393}{\textGamma}  
5357 \DeclareUnicodeCharacter{0398}{\textTheta}  
5358 \DeclareUnicodeCharacter{03A3}{\textSigma}  
5359 \DeclareUnicodeCharacter{03A6}{\textPhi}  
5360 \DeclareUnicodeCharacter{03A9}{\textOmega}  
5361 \DeclareUnicodeCharacter{03B1}{\textalpha}  
5362 \DeclareUnicodeCharacter{03B2}{\textbeta}  
5363 \DeclareUnicodeCharacter{03B4}{\textdelta}  
5364 \DeclareUnicodeCharacter{03B5}{\textepsilon}  
5365 \DeclareUnicodeCharacter{03C0}{\textpi}  
5366 \DeclareUnicodeCharacter{03C3}{\textsigma}  
5367 \DeclareUnicodeCharacter{03C4}{\texttau}  
5368 \DeclareUnicodeCharacter{03C6}{\textphi}  
5369 \DeclareUnicodeCharacter{0403}{\@tabacckludge'\CYRG}  
5370 \DeclareUnicodeCharacter{040C}{\@tabacckludge'\CYRK}  
5371 \DeclareUnicodeCharacter{0453}{\@tabacckludge'\cyrg}  
5372 \DeclareUnicodeCharacter{045C}{\@tabacckludge'\cyrk}  
5373 \DeclareUnicodeCharacter{05D0}{\hebalef}  
5374 \DeclareUnicodeCharacter{05D1}{\hebbet}  
5375 \DeclareUnicodeCharacter{05D2}{\hebgimel}  
5376 \DeclareUnicodeCharacter{05D3}{\hebdalet}  
5377 \DeclareUnicodeCharacter{05D4}{\hebhe}  
5378 \DeclareUnicodeCharacter{05D5}{\hebvav}  
5379 \DeclareUnicodeCharacter{05D6}{\hebzayin}  
5380 \DeclareUnicodeCharacter{05D7}{\hebheth}  
5381 \DeclareUnicodeCharacter{05D8}{\hebtet}  
5382 \DeclareUnicodeCharacter{05D9}{\hebyod}  
5383 \DeclareUnicodeCharacter{05DA}{\hebfinalkaf}  
5384 \DeclareUnicodeCharacter{05DB}{\hebkaf}  
5385 \DeclareUnicodeCharacter{05DC}{\heblamed}  
5386 \DeclareUnicodeCharacter{05DD}{\hebfinalmem}  
5387 \DeclareUnicodeCharacter{05DE}{\hebmeme}  
5388 \DeclareUnicodeCharacter{05DF}{\hebfinalnun}

5389 \DeclareUnicodeCharacter{05E0}{\hebnum}  
5390 \DeclareUnicodeCharacter{05E1}{\hebsamekh}  
5391 \DeclareUnicodeCharacter{05E2}{\hebayin}  
5392 \DeclareUnicodeCharacter{05E3}{\hebfinalpe}  
5393 \DeclareUnicodeCharacter{05E4}{\hebpe}  
5394 \DeclareUnicodeCharacter{05E5}{\hebfinaltsadi}  
5395 \DeclareUnicodeCharacter{05E6}{\hebtsadi}  
5396 \DeclareUnicodeCharacter{05E7}{\hebqof}  
5397 \DeclareUnicodeCharacter{05E8}{\hebresh}  
5398 \DeclareUnicodeCharacter{05E9}{\hebshin}  
5399 \DeclareUnicodeCharacter{05EA}{\hebtav}  
5400 \DeclareUnicodeCharacter{2015}{\texthorizontalbar}  
5401 \DeclareUnicodeCharacter{2017}{\textdbllowline}  
5402 \DeclareUnicodeCharacter{207F}{\textnsuperior}  
5403 \DeclareUnicodeCharacter{20A7}{\textpeseta}  
5404 \DeclareUnicodeCharacter{2202}{\textpartial}  
5405 \DeclareUnicodeCharacter{2206}{\textincrement}  
5406 \DeclareUnicodeCharacter{2208}{\textelement}  
5407 \DeclareUnicodeCharacter{220F}{\textproduct}  
5408 \DeclareUnicodeCharacter{2211}{\textsummation}  
5409 \DeclareUnicodeCharacter{2219}{\textbullet}  
5410 \DeclareUnicodeCharacter{221A}{\textsurd}  
5411 \DeclareUnicodeCharacter{221E}{\textinfinity}  
5412 \DeclareUnicodeCharacter{2227}{\textcap}  
5413 \DeclareUnicodeCharacter{2229}{\textintersection}  
5414 \DeclareUnicodeCharacter{222B}{\textintegral}  
5415 \DeclareUnicodeCharacter{222E}{\textcontourintegral}  
5416 \DeclareUnicodeCharacter{2248}{\textapproxequal}  
5417 \DeclareUnicodeCharacter{2260}{\textnotequal}  
5418 \DeclareUnicodeCharacter{2261}{\textequivalence}  
5419 \DeclareUnicodeCharacter{2264}{\textlessequal}  
5420 \DeclareUnicodeCharacter{2265}{\textgreaterequal}  
5421 \DeclareUnicodeCharacter{2310}{\textrevlogicalnot}  
5422 \DeclareUnicodeCharacter{25A0}{\textblacksquare}  
5423 \DeclareUnicodeCharacter{25CA}{\textlozenge}  
5424 \DeclareUnicodeCharacter{FB01}{\fi}  
5425 \DeclareUnicodeCharacter{FB02}{\fl}  
5426 \DeclareUnicodeCharacter{2500}{\textSFx}  
5427 \DeclareUnicodeCharacter{2502}{\textSFxi}  
5428 \DeclareUnicodeCharacter{250C}{\textSFi}  
5429 \DeclareUnicodeCharacter{2510}{\textSFiii}  
5430 \DeclareUnicodeCharacter{2514}{\textSFii}  
5431 \DeclareUnicodeCharacter{2518}{\textSFiv}  
5432 \DeclareUnicodeCharacter{251C}{\textSFviii}  
5433 \DeclareUnicodeCharacter{2524}{\textSFix}  
5434 \DeclareUnicodeCharacter{252C}{\textSFvi}  
5435 \DeclareUnicodeCharacter{2534}{\textSFvii}  
5436 \DeclareUnicodeCharacter{253C}{\textSFv}  
5437 \DeclareUnicodeCharacter{2550}{\textSFxliii}  
5438 \DeclareUnicodeCharacter{2551}{\textSFxxiv}  
5439 \DeclareUnicodeCharacter{2552}{\textSFli}  
5440 \DeclareUnicodeCharacter{2553}{\textSFlii}  
5441 \DeclareUnicodeCharacter{2554}{\textSFxxxix}  
5442 \DeclareUnicodeCharacter{2555}{\textSFxxii}  
5443 \DeclareUnicodeCharacter{2556}{\textSFxxi}  
5444 \DeclareUnicodeCharacter{2557}{\textSFxxv}  
5445 \DeclareUnicodeCharacter{2558}{\textSFl}  
5446 \DeclareUnicodeCharacter{2559}{\textSFlix}  
5447 \DeclareUnicodeCharacter{255A}{\textSFxxxviii}  
5448 \DeclareUnicodeCharacter{255B}{\textSFxxviii}  
5449 \DeclareUnicodeCharacter{255C}{\textSFxxvii}  
5450 \DeclareUnicodeCharacter{255D}{\textSFxxvi}

```

5451 \DeclareUnicodeCharacter{255E}{\textSFxxxvi}
5452 \DeclareUnicodeCharacter{255F}{\textSFxxxvii}
5453 \DeclareUnicodeCharacter{2560}{\textSFxlii}
5454 \DeclareUnicodeCharacter{2561}{\textSFxix}
5455 \DeclareUnicodeCharacter{2562}{\textSFxx}
5456 \DeclareUnicodeCharacter{2563}{\textSFxxiii}
5457 \DeclareUnicodeCharacter{2564}{\textSFxlvi}
5458 \DeclareUnicodeCharacter{2565}{\textSFxlvi}
5459 \DeclareUnicodeCharacter{2566}{\textSFxli}
5460 \DeclareUnicodeCharacter{2567}{\textSFxlv}
5461 \DeclareUnicodeCharacter{2568}{\textSFxlv}
5462 \DeclareUnicodeCharacter{2569}{\textSFxl}
5463 \DeclareUnicodeCharacter{256A}{\textSFli}
5464 \DeclareUnicodeCharacter{256B}{\textSFliii}
5465 \DeclareUnicodeCharacter{256C}{\textSFxliv}
5466 \DeclareUnicodeCharacter{2580}{\textupblock}
5467 \DeclareUnicodeCharacter{2584}{\textdnblock}
5468 \DeclareUnicodeCharacter{2588}{\textblock}
5469 \DeclareUnicodeCharacter{258C}{\textlfblock}
5470 \DeclareUnicodeCharacter{2590}{\textrtblock}
5471 \DeclareUnicodeCharacter{2591}{\textltshade}
5472 \DeclareUnicodeCharacter{2592}{\textshade}
5473 \DeclareUnicodeCharacter{2593}{\textdkshade}
5474 \</dfu>

```

## 2.7 Name list

```

5475 \<*name>
5476 \ProvidesFile{ix-name.def}%
5477 [2010/01/11 v1.6 Name list (inputenx)]%

List omitted here, see ix-name.def.
5478 \</name>

```

## 2.8 Mapping Slot, UC to Encodings

```

5479 \<*slot>
5480 \ProvidesFile{ix-slot.def}%
5481 [2010/01/11 v1.6 SLOT and UC to Encodings (inputenx)]%

List omitted here, see ix-slot.def.
5482 \</slot>

```

## 2.9 Mapping UC to LICR

```

5483 \<*uc>
5484 \ProvidesFile{ix-uc.def}%
5485 [2010/01/11 v1.6 UC to LICR (inputenx)]%
5486 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
5487 \makeatletter

List omitted here, see ix-uc.def.
5488 \RestoreAtCatcode
5489 \</uc>

```

## 2.10 Math meaning declarations

Package `inpmath` already declares math meanings for LICRs. Here are some more. One goal is to use the input characters in math that were defined in the standard  $\text{\LaTeX}$  encodings using `\DeclareInputMath`.

```

5490 \<*math>
5491 \ProvidesFile{ix-math.def}%
5492 [2010/01/11 v1.6 Math list (inputenx)]%
5493 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
5494 \makeatletter

```

The next math meaning for `\ss` looks a little funny. But it is useful for input characters, where most encodings share in practice the same slot for `\ss` and `\beta`. Thus we do not need two encodings such as `cp437de.def` and `cp437.def`.

```

5495 \DeclareMathMeaning{\ss}{\beta}
5496 \DeclareMathMeaning{\textalpha}{\alpha}
5497 \DeclareMathMeaning{\textapproxequal}{\approx}
5498 \DeclareMathMeaning{\textbardbl}{\text{\%} = \text{}}
5499 \DeclareMathMeaning{\textbeta}{\beta}
5500 \DeclareMathMeaning{\textbullet}{\bullet}
5501 \DeclareMathMeaning{\textcap}{\cap}
5502 \DeclareMathMeaning{\textcontourintegral}{\oint}
5503 \DeclareMathMeaning{\textcopyright}{\text{\nfss@text{\textcopyright}}}
5504 \DeclareMathMeaning{\textcup}{\cup}
5505 \DeclareMathMeaning{\textdagger}{\dagger}
5506 \DeclareMathMeaning{\textdaggerdbl}{\ddagger}
5507 \DeclareMathMeaning{\textdegree}{\text{\^{\circ}}}
5508 \DeclareMathMeaning{\textdelta}{\delta}
5509 \DeclareMathMeaning{\textdollar}{\mathdollar}
5510 \DeclareMathMeaning{\textepsilon}{\varepsilon}
5511 \DeclareMathMeaning{\textequivalence}{\equiv}
5512 \DeclareMathMeaning{\textbraceleft}{\lbrace}
5513 \DeclareMathMeaning{\textbraceright}{\rbrace}
5514 \DeclareMathMeaning{\textdiv}{\div}
5515 \DeclareMathMeaning{\textdownarrow}{\downarrow}
5516 \DeclareMathMeaning{\textelement}{\in}
5517 \DeclareMathMeaning{\textellipsis}{\mathellipsis}
5518 \DeclareMathMeaning{\textGamma}{\Gamma}
5519 \DeclareMathMeaning{\textgreaterequal}{\geq}
5520 \DeclareMathMeaning{\textincrement}{\Delta}
5521 \DeclareMathMeaning{\textinfinity}{\infty}
5522 \DeclareMathMeaning{\textintegral}{\int}
5523 \DeclareMathMeaning{\textintersection}{\cap}
5524 \DeclareMathMeaning{\textlangle}{\langle}
5525 \DeclareMathMeaning{\textleftarrow}{\leftarrow}
5526 \DeclareMathMeaning{\textlessequal}{\leq}
5527 \DeclareMathMeaning{\textlnot}{\lnot}
5528 \DeclareMathMeaning{\textlogicalnot}{\lnot}
5529 \DeclareMathMeaning{\textlozenge}{\diamond}
5530 \DeclareMathMeaning{\textmu}{\mu}
5531 \DeclareMathMeaning{\textnotequal}{\neq}
5532 \DeclareMathMeaning{\textnsuperior}{\text{\^n}}
5533 \DeclareMathMeaning{\textohm}{\Omega}
5534 \DeclareMathMeaning{\textOmega}{\Omega}
5535 \DeclareMathMeaning{\textonehalf}{\frac{1}{2}}
5536 \DeclareMathMeaning{\textonequarter}{\frac{1}{4}}
5537 \DeclareMathMeaning{\textonesuperior}{\text{\^1}}
5538 \DeclareMathMeaning{\textopenbullet}{\circ}
5539 \DeclareMathMeaning{\textparagraph}{\mathparagraph}
5540 \DeclareMathMeaning{\textpartial}{\partial}
5541 \DeclareMathMeaning{\textPhi}{\Phi}
5542 \DeclareMathMeaning{\textphi}{\phi}
5543 \DeclareMathMeaning{\textpi}{\pi}
5544 \DeclareMathMeaning{\textproduct}{\prod}
5545 \DeclareMathMeaning{\texttriangle}{\triangle}
5546 \DeclareMathMeaning{\textrevlogicalnot}{\text{\nfss@text{\textrevlogicalnot}}}
5547 \DeclareMathMeaning{\textrightarrow}{\rightarrow}
5548 \DeclareMathMeaning{\textsection}{\mathsection}
5549 \DeclareMathMeaning{\textSigma}{\Sigma}
5550 \DeclareMathMeaning{\textsigma}{\sigma}
5551 \DeclareMathMeaning{\textsterling}{\mathsterling}
5552 \DeclareMathMeaning{\textsummation}{\sum}
5553 \DeclareMathMeaning{\textsurd}{\surd}

```



```

5554 \DeclareMathMeaning{\texttau}{\tau}
5555 \DeclareMathMeaning{\textTheta}{\Theta}
5556 \DeclareMathMeaning{\textthreequarters}{\frac{3}{4}}
5557 \DeclareMathMeaning{\textthreesuperior}{^3}
5558 \DeclareMathMeaning{\texttwosuperior}{^2}
5559 \DeclareMathMeaning{\textuparrow}{\uparrow}

5560 \RestoreAtCatcode
5561 \</math>

```

## 2.11 Documentation files

### 2.11.1 List of known LICR commands

This is the list of commands for use in LICR that are already defined by standard L<sup>A</sup>T<sub>E</sub>X without extra packages.

```

5562 \< *licrcmds>
5563 % List of known LICR commands of inputenx 2010/01/11 v1.6
5564 %
5565 % Format: \LICRcmd{<command>}{<type>}
5566 % Types:
5567 %   Accent:   <command> was defined by \DeclareTextAccentDefault
5568 %   Command:  <command> was defined by \DeclareTextCommandDefault
5569 %   Symbol:   <command> was defined by \DeclareTextSymbolDefault
5570 %   Internal: for \@tabacckludge
5571 %   Extra:    additional commands
5572 %
5573 % Entries derived from the 2ekernel part
5574 % of ltoutenc.dtx 2005/11/08 v1.99h.
5575 %
5576 \LICRcmd{\ }{Extra}
5577 \LICRcmd{"}{Composite}
5578 \LICRcmd{'}{Composite}
5579 \LICRcmd{-}{Extra}
5580 \LICRcmd{.}{Composite}
5581 \LICRcmd{=}{Accent}
5582 \LICRcmd{@tabacckludge}{Internal}
5583 \LICRcmd{AE}{Symbol}
5584 \LICRcmd{DH}{Symbol}
5585 \LICRcmd{DJ}{Symbol}
5586 \LICRcmd{H}{Composite}
5587 \LICRcmd{IJ}{Symbol}
5588 \LICRcmd{L}{Symbol}
5589 \LICRcmd{NG}{Symbol}
5590 \LICRcmd{O}{Symbol}
5591 \LICRcmd{OE}{Symbol}
5592 \LICRcmd{SS}{Symbol}
5593 \LICRcmd{TH}{Symbol}
5594 \LICRcmd{^}{Composite}
5595 \LICRcmd{'}{Composite}
5596 \LICRcmd{ae}{Symbol}
5597 \LICRcmd{b}{Command}
5598 \LICRcmd{c}{Composite}
5599 \LICRcmd{d}{Command}
5600 \LICRcmd{dh}{Symbol}
5601 \LICRcmd{dj}{Symbol}
5602 \LICRcmd{guillemotleft}{Symbol}
5603 \LICRcmd{guillemotright}{Symbol}
5604 \LICRcmd{guilsinglleft}{Symbol}
5605 \LICRcmd{guilsinglright}{Symbol}
5606 \LICRcmd{i}{Symbol}
5607 \LICRcmd{ij}{Symbol}
5608 \LICRcmd{j}{Symbol}

```

```

5609 \LICRcmd{\k}{CompositeCommand}
5610 \LICRcmd{\l}{Symbol}
5611 \LICRcmd{\ng}{Symbol}
5612 \LICRcmd{\nobreakspace}{Extra}
5613 \LICRcmd{\o}{Symbol}
5614 \LICRcmd{\oe}{Symbol}
5615 \LICRcmd{\quotedblbase}{Symbol}
5616 \LICRcmd{\quotesinglbase}{Symbol}
5617 \LICRcmd{\r}{Composite}
5618 \LICRcmd{\ss}{Symbol}
5619 \LICRcmd{\t}{Accent}
5620 \LICRcmd{\textasciicircum}{Symbol}
5621 \LICRcmd{\textasciitilde}{Symbol}
5622 \LICRcmd{\textasteriskcentered}{Symbol}
5623 \LICRcmd{\textbackslash}{Symbol}
5624 \LICRcmd{\textbar}{Symbol}
5625 \LICRcmd{\textbardbl}{Symbol}
5626 \LICRcmd{\textbigcircle}{Symbol}
5627 \LICRcmd{\textbraceleft}{Symbol}
5628 \LICRcmd{\textbraceright}{Symbol}
5629 \LICRcmd{\textbullet}{Symbol}
5630 \LICRcmd{\textcircled}{Command}
5631 \LICRcmd{\textcompwordmark}{Symbol}
5632 \LICRcmd{\textcopyright}{CommandDefault}
5633 \LICRcmd{\textradger}{Symbol}
5634 \LICRcmd{\textradgerdbl}{Symbol}
5635 \LICRcmd{\textdollar}{Symbol}
5636 \LICRcmd{\textellipsis}{CommandDefault}
5637 \LICRcmd{\textendash}{Symbol}
5638 \LICRcmd{\textendash}{Symbol}
5639 \LICRcmd{\textexclamdown}{Symbol}
5640 \LICRcmd{\textgreater}{Symbol}
5641 \LICRcmd{\textless}{Symbol}
5642 \LICRcmd{\textogonekcentered}{Command}
5643 \LICRcmd{\textordfeminine}{CommandDefault}
5644 \LICRcmd{\textordmasculine}{CommandDefault}
5645 \LICRcmd{\textparagraph}{Symbol}
5646 \LICRcmd{\textperiodcentered}{Symbol}
5647 \LICRcmd{\textpertenthousand}{Command}
5648 \LICRcmd{\textperthousand}{Command}
5649 \LICRcmd{\textquestiondown}{Symbol}
5650 \LICRcmd{\textquotedbl}{Symbol}
5651 \LICRcmd{\textquotedblleft}{Symbol}
5652 \LICRcmd{\textquotedblright}{Symbol}
5653 \LICRcmd{\textquoteleft}{Symbol}
5654 \LICRcmd{\textquoteright}{Symbol}
5655 \LICRcmd{\textregistered}{CommandDefault}
5656 \LICRcmd{\textsection}{Symbol}
5657 \LICRcmd{\textsterling}{Symbol}
5658 \LICRcmd{\texttrademark}{CommandDefault}
5659 \LICRcmd{\textunderscore}{Symbol}
5660 \LICRcmd{\textvisiblespace}{Symbol}
5661 \LICRcmd{\th}{Symbol}
5662 \LICRcmd{\u}{Composite}
5663 \LICRcmd{\v}{Composite}
5664 \LICRcmd{\~}{Composite}
5665 </licrcmds>

```

## 2.11.2 Commented additions for utf8enc.dfu

```

5666 < *dfudoc>
5667 % inputenx-utf8enc.txt 2010/01/11 v1.6
5668 % Commented additions for utf8enc.dfu

```

List omitted here, see *inputenx-utf8enc.txt*.

5670  $\langle$ /dfudoc $\rangle$

## 3 Installation

### 3.1 Download

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

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

[CTAN:macros/latex/contrib/oberdiek/inputenx.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.

### 3.2 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/
```

### 3.3 Package installation

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

```
tex inputenx.dtx
```

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

---

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

<code>inputenx.sty</code>	<code>→ tex/latex/oberdiek/inputenx.sty</code>
<code>ix-alias.def</code>	<code>→ tex/latex/oberdiek/ix-alias.def</code>
<code>ix-math.def</code>	<code>→ tex/latex/oberdiek/ix-math.def</code>
<code>ix-name.def</code>	<code>→ tex/latex/oberdiek/ix-name.def</code>
<code>ix-slot.def</code>	<code>→ tex/latex/oberdiek/ix-slot.def</code>
<code>ix-uc.def</code>	<code>→ tex/latex/oberdiek/ix-uc.def</code>
<code>ix-utf8enc.dfu</code>	<code>→ tex/latex/oberdiek/ix-utf8enc.dfu</code>
<code>x-ascii.def</code>	<code>→ tex/latex/oberdiek/x-ascii.def</code>
<code>x-atarist.def</code>	<code>→ tex/latex/oberdiek/x-atarist.def</code>
<code>x-iso-8859-1.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-1.def</code>
<code>x-iso-8859-2.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-2.def</code>
<code>x-iso-8859-3.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-3.def</code>
<code>x-iso-8859-4.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-4.def</code>
<code>x-iso-8859-5.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-5.def</code>
<code>x-iso-8859-8.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-8.def</code>
<code>x-iso-8859-9.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-9.def</code>
<code>x-iso-8859-10.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-10.def</code>
<code>x-iso-8859-13.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-13.def</code>
<code>x-iso-8859-14.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-14.def</code>
<code>x-iso-8859-15.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-15.def</code>
<code>x-iso-8859-16.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-16.def</code>
<code>x-cp437.def</code>	<code>→ tex/latex/oberdiek/x-cp437.def</code>
<code>x-cp850.def</code>	<code>→ tex/latex/oberdiek/x-cp850.def</code>
<code>x-cp852.def</code>	<code>→ tex/latex/oberdiek/x-cp852.def</code>
<code>x-cp855.def</code>	<code>→ tex/latex/oberdiek/x-cp855.def</code>
<code>x-cp858.def</code>	<code>→ tex/latex/oberdiek/x-cp858.def</code>
<code>x-cp865.def</code>	<code>→ tex/latex/oberdiek/x-cp865.def</code>
<code>x-cp866.def</code>	<code>→ tex/latex/oberdiek/x-cp866.def</code>
<code>x-cp1250.def</code>	<code>→ tex/latex/oberdiek/x-cp1250.def</code>
<code>x-cp1251.def</code>	<code>→ tex/latex/oberdiek/x-cp1251.def</code>
<code>x-cp1252.def</code>	<code>→ tex/latex/oberdiek/x-cp1252.def</code>
<code>x-cp1257.def</code>	<code>→ tex/latex/oberdiek/x-cp1257.def</code>
<code>x-dec-mcs.def</code>	<code>→ tex/latex/oberdiek/x-dec-mcs.def</code>
<code>x-koi8-r.def</code>	<code>→ tex/latex/oberdiek/x-koi8-r.def</code>
<code>x-mac-centeuro.def</code>	<code>→ tex/latex/oberdiek/x-mac-centeuro.def</code>
<code>x-mac-cyrillic.def</code>	<code>→ tex/latex/oberdiek/x-mac-cyrillic.def</code>
<code>x-mac-roman.def</code>	<code>→ tex/latex/oberdiek/x-mac-roman.def</code>
<code>x-nextstep.def</code>	<code>→ tex/latex/oberdiek/x-nextstep.def</code>
<code>inputenx.pdf</code>	<code>→ doc/latex/oberdiek/inputenx.pdf</code>
<code>inputenx-licrcmds.txt</code>	<code>→ doc/latex/oberdiek/inputenx-licrcmds.txt</code>
<code>inputenx-utf8enc.txt</code>	<code>→ doc/latex/oberdiek/inputenx-utf8enc.txt</code>
<code>inputenx.dtx</code>	<code>→ source/latex/oberdiek/inputenx.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`.

### 3.4 Refresh file name databases

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

### 3.5 Some details for the interested

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

```
pdftk inputenx.pdf unpack_files output .
```

**Unpacking with  $\LaTeX$ .** The `.dtx` chooses its action depending on the format:

**plain- $\TeX$ :** Run `docstrip` and extract the files.

**$\LaTeX$ :** Generate the documentation.

If you insist on using  $\LaTeX$  for `docstrip` (really, `docstrip` does not need  $\LaTeX$ ), then inform the autodetect routine about your intention:

```
latex \let\install=y\input{inputenx.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 $\LaTeX$` :

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

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## 5 History

### [2006/03/05 v1.0]

- First version.

### [2007/04/11 v1.1]

- Some Cyrillic encodings added: cp855, cp866, cp1251, koi8-r, mac-cyrillic
- x-mac-ce renamed to x-mac-centeuro.

### [2007/06/16 v1.2]

- Documentation update.

### [2007/08/16 v1.3]

- Fix for U+0135:  $\backslash^j \rightarrow \backslash^j$  (Behnam Tabatabai).

### [2009/08/13 v1.4]

- Encodings for Atari (atarist) and ISO 8859-8 added.
- Support for horizontal bar (U+2015) and double low line (U+2017) added.

[2009/12/15 v1.5]

- Aliases `clean7bit`, `ascii-print`, `ascii-printable` added for `x-ascii`.

[2010/01/11 v1.6]

- `\BeforeInputEncoding` and `\AfterInputEncoding` added.
- Documentation added.

## 6 Index

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

Symbols	
<code>\"</code>	241, 343, 346, 351, 353, 356, 362, 366, 367, 368, 479, 568, 575, 579, 586, 592, 600, 607, 611, 618, 624, 627, 648, 698, 705, 716, 722, 730, 737, 748, 754, 772, 836, 843, 847, 853, 859, 866, 873, 877, 883, 889, 910, 969, 976, 987, 993, 1001, 1008, 1019, 1025, 1157, 1291, 1380, 1387, 1391, 1398, 1404, 1412, 1419, 1423, 1430, 1436, 1439, 1498, 1505, 1509, 1516, 1522, 1530, 1537, 1541, 1548, 1554, 1646, 1664, 1670, 1678, 1696, 1702, 1728, 1742, 1743, 1749, 1756, 1760, 1767, 1773, 1781, 1788, 1792, 1799, 1805, 1808, 1885, 1891, 1898, 1902, 1909, 1915, 1923, 1930, 1934, 1941, 1947, 1950, 2011, 2017, 2024, 2028, 2035, 2041, 2049, 2056, 2060, 2067, 2073, 2076, 2196, 2199, 2204, 2206, 2209, 2215, 2219, 2220, 2221, 2332, 2404, 2407, 2412, 2414, 2417, 2423, 2427, 2428, 2429, 2486, 2491, 2551, 2572, 2575, 2580, 2585, 2591, 2596, 2597, 2654, 2865, 2940, 2943, 2948, 2950, 2953, 2959, 2963, 2964, 2965, 3022, 3027, 3183, 3186, 3191, 3193, 3196, 3202, 3206, 3207, 3208, 3489, 3581, 3588, 3599, 3605, 3613, 3620, 3631, 3637, 3821, 3906, 3943, 3950, 3954, 3961, 3967, 3975, 3982, 3986, 3993, 3999, 4002, 4017, 4126, 4144, 4150, 4158, 4176, 4182, 4252, 4259, 4263, 4269, 4275, 4276, 4282, 4289, 4293, 4299, 4305, 4306, 4475, 4510, 4515, 4516, 4520, 4536, 4541, 4855, 4926, 4931, 4932, 4936, 4943, 4947, 4952, 4957, 5014, 5015, 5030,
	5034, 5073, 5137, 5143, 5147, 5154, 5158, 5221, 5227, 5233, 5244, 5250, 5257, 5344, 5345, 5577
<code>\'</code>	5578
<code>\-</code>	545, 675, 816, 946, 1063, 1234, 1357, 1475, 1623, 1726, 1868, 1994, 2515, 2683, 2838, 3051, 3558, 3727, 3920, 4103, 5270, 5579
<code>\.</code>	677, 693, 757, 812, 817, 832, 837, 852, 867, 882, 892, 977, 1009, 1028, 1405, 1506, 1538, 1653, 1671, 1685, 1703, 1714, 1715, 1717, 1718, 1719, 1724, 1729, 1730, 1731, 1732, 1733, 1734, 1736, 1738, 1740, 1744, 1768, 1800, 1996, 2012, 2632, 2633, 2693, 3560, 3576, 3640, 4133, 4151, 4165, 4183, 4185, 4532, 4534, 4633, 4635, 5047, 5203, 5275, 5276, 5279, 5280, 5283, 5284, 5326, 5327, 5328, 5329, 5330, 5331, 5332, 5333, 5334, 5335, 5336, 5337, 5338, 5339, 5353, 5580
<code>\=</code>	5581
<code>\@M</code>	47, 53
<code>\@depth</code>	2106, 2338, 2554, 2707, 2871, 3096, 3316, 4318
<code>\@ehc</code>	37
<code>\@empty</code>	10, 20, 39, 40, 41, 78, 80, 87, 90, 93, 119
<code>\@for</code>	88, 102
<code>\@height</code>	2106, 2338, 2554, 2707, 2871, 3096, 3316, 4318
<code>\@ifundefined</code>	11, 314, 2170, 3160
<code>\@notprerr</code>	122
<code>\@onelevel@sanitize</code>	9, 58, 61
<code>\@revlogicalnot</code>	317, 320, 2173, 2176, 3163, 3166
<code>\@tabacckludge</code>	238, 244, 344, 347, 352, 355, 358, 363, 365, 374, 375, 376, 377, 396, 476, 482, 564, 565, 572, 573, 576, 577, 582, 583, 589, 590, 593, 596, 597, 604, 605,

608,	609,	614,	615,	621,	622,	3216,	3217,	3480,	3527,	3530,
625,	639,	668,	674,	684,	690,	3541,	3544,	3577,	3578,	3582,
694,	695,	699,	700,	703,	707,	3583,	3586,	3590,	3594,	3596,
711,	713,	720,	723,	726,	727,	3603,	3606,	3609,	3610,	3614,
731,	732,	735,	739,	743,	745,	3615,	3618,	3622,	3626,	3628,
752,	755,	766,	833,	834,	840,	3635,	3638,	3684,	3686,	3696,
841,	844,	845,	849,	850,	856,	3711,	3818,	3824,	3939,	3940,
857,	863,	864,	870,	871,	874,	3947,	3948,	3951,	3952,	3957,
875,	879,	880,	886,	887,	904,	3958,	3964,	3965,	3968,	3971,
913,	943,	959,	965,	966,	974,	3972,	3979,	3980,	3983,	3984,
978,	980,	983,	991,	995,	997,	3989,	3990,	3996,	3997,	4000,
998,	1006,	1010,	1012,	1015,		4011,	4020,	4124,	4125,	4129,
1023,	1027,	1053,	1062,	1133,		4131,	4132,	4136,	4139,	4141,
1142,	1154,	1160,	1288,	1294,		4142,	4148,	4149,	4156,	4157,
1376,	1377,	1384,	1385,	1388,		4161,	4163,	4164,	4168,	4171,
1389,	1394,	1395,	1401,	1402,		4173,	4174,	4180,	4181,	4248,
1408,	1409,	1416,	1417,	1420,		4249,	4256,	4257,	4260,	4261,
1421,	1426,	1427,	1433,	1434,		4265,	4266,	4272,	4273,	4278,
1464,	1466,	1476,	1480,	1482,		4279,	4286,	4287,	4290,	4291,
1492,	1494,	1495,	1503,	1507,		4295,	4296,	4302,	4303,	4511,
1512,	1513,	1520,	1523,	1526,		4512,	4513,	4517,	4522,	4523,
1527,	1535,	1539,	1544,	1545,		4524,	4525,	4526,	4528,	4530,
1552,	1555,	1644,	1645,	1649,		4531,	4533,	4538,	4559,	4562,
1651,	1652,	1656,	1659,	1661,		4571,	4572,	4575,	4578,	4589,
1662,	1668,	1669,	1676,	1677,		4598,	4599,	4600,	4611,	4612,
1681,	1683,	1684,	1688,	1691,		4613,	4616,	4619,	4620,	4622,
1693,	1694,	1700,	1701,	1721,		4624,	4630,	4631,	4747,	4748,
1723,	1725,	1737,	1739,	1741,		4778,	4779,	4846,	4858,	4929,
1745,	1746,	1753,	1754,	1757,		4933,	4934,	4940,	4941,	4944,
1758,	1763,	1764,	1770,	1771,		4945,	4949,	4950,	4954,	4955,
1774,	1777,	1778,	1785,	1786,		5001,	5029,	5031,	5032,	5035,
1789,	1790,	1795,	1796,	1802,		5036,	5038,	5039,	5041,	5064,
1803,	1806,	1817,	1887,	1888,		5076,	5079,	5133,	5134,	5140,
1895,	1896,	1899,	1900,	1905,		5141,	5144,	5145,	5150,	5151,
1906,	1912,	1913,	1916,	1919,		5155,	5156,	5159,	5217,	5218,
1920,	1927,	1928,	1931,	1932,		5224,	5225,	5228,	5230,	5240,
1937,	1938,	1944,	1945,	1948,		5241,	5246,	5247,	5251,	5271,
1993,	1995,	2013,	2014,	2018,		5272,	5277,	5278,	5293,	5294,
2021,	2022,	2025,	2026,	2030,		5306,	5307,	5316,	5317,	5340,
2031,	2032,	2036,	2038,	2039,		5341,	5342,	5343,	5346,	5347,
2045,	2046,	2050,	2053,	2054,		5369,	5370,	5371,	5372,	5570, 5582
2057,	2058,	2062,	2063,	2064,						
2068,	2070,	2071,	2197,	2200,		\@width	.....	2106,	2338,	
2205,	2208,	2211,	2216,	2218,				2554,	2707,	2871, 3096, 3316, 4318
2227,	2228,	2229,	2230,	2329,		\^	345, 350, 354, 361, 364, 566, 574,			
2335,	2405,	2408,	2413,	2416,			578, 584, 591, 598, 606, 610,			
2419,	2424,	2426,	2435,	2436,			616, 623, 696, 708, 714, 728,			
2437,	2438,	2456,	2458,	2487,			740, 746, 809, 815, 824, 830,			
2489,	2497,	2499,	2502,	2508,			835, 838, 842, 846, 851, 855,			
2510,	2511,	2512,	2542,	2573,			858, 861, 865, 868, 872, 876,			
2577,	2584,	2586,	2587,	2588,			881, 885, 888, 891, 967, 979,			
2589,	2594,	2595,	2603,	2604,			985, 992, 999, 1011, 1017, 1024,			
2605,	2606,	2614,	2624,	2657,			1378, 1386, 1390, 1396, 1403,			
2667,	2670,	2671,	2675,	2676,			1410, 1418, 1422, 1428, 1435,			
2677,	2679,	2680,	2728,	2729,			1496, 1508, 1514, 1521, 1528,			
2748,	2749,	2862,	2868,	2941,			1540, 1546, 1553, 1747, 1755,			
2944,	2949,	2952,	2955,	2960,			1759, 1761, 1765, 1772, 1775,			
2962,	2971,	2972,	2973,	2974,			1779, 1787, 1791, 1793, 1797,			
2992,	2994,	3023,	3025,	3033,			1804, 1807, 1889, 1897, 1901,			
3035,	3038,	3044,	3046,	3047,			1907, 1914, 1921, 1929, 1933,			
3048,	3184,	3187,	3192,	3195,			1939, 1946, 2015, 2023, 2027,			
3198,	3203,	3205,	3214,	3215,			2033, 2040, 2047, 2055, 2059,			
							2065, 2072, 2198, 2203, 2207,			



2214, 2217, 2406, 2411, 2415, 2422, 2425, 2457, 2485, 2490, 2501, 2509, 2574, 2583, 2590, 2625, 2658, 2669, 2942, 2947, 2951, 2958, 2961, 2993, 3021, 3026, 3037, 3045, 3185, 3190, 3194, 3201, 3204, 3579, 3591, 3597, 3611, 3623, 3629, 3941, 3949, 3953, 3959, 3966, 3973, 3981, 3985, 3991, 3998, 4250, 4258, 4262, 4267, 4274, 4280, 4288, 4292, 4297, 4304, 4535, 4621, 4935, 4942, 4946, 4951, 4956, 5027, 5028, 5033, 5037, 5040, 5135, 5142, 5146, 5152, 5157, 5219, 5226, 5232, 5242, 5248, 5273, 5274, 5281, 5282, 5287, 5288, 5297, 5298, 5310, 5311, 5322, 5323, 5324, 5325, 5594	\BeforeInputEncoding . . . . . 5, 107 \beta . . . . . 247, 5495, 5499 \bullet . . . . . 5500
<b>C</b>	
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<b>A</b>	
\advance . . . . . 47, 53	
\AE . . . . . 360, 570, 971, 1382, 1500, 1625, 1751, 1893, 2019, 2213, 2421, 2957, 3200, 3945, 4105, 4254, 4972, 5229, 5583	
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<b>B</b>	
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\CYRDJE	1052, 2727, 3683, 4744	\CYRSFTSN	1094, 2836, 3369, 3774, 4456, 4729
\cyrdje	1132, 2726, 3699, 4745	\cyrsh	1122, 2843, 3445, 3802, 4427, 4821
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\cyrdze	1135, 2734, 3744, 4780	\cyrshch	1123, 2847, 3446, 3803, 4429, 4822
\CYRDZHE	1065, 2753, 3698, 4791	\CYRT	1084, 2828, 3359, 3764, 4452, 4719
\cyrdzhe	1145, 2752, 3713, 4792	\cyrt	1116, 2827, 3439, 3796, 4420, 4815
\CYRE	1071, 2767, 3346, 3751, 4437, 4706	\CYRTSHE	1061, 2747, 3697, 4776
\cyre	1103, 2766, 3378, 3783, 4405, 4802	\cyrtshe	1141, 2746, 3712, 4777
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\CYRG	1053, 1069, 2729, 2771, 3344, 3684, 3749, 4439, 4704, 4747, 5369	\CYRYA	1097, 2822, 3372, 3777, 4449, 4732
\cyrg	1101, 1133, 2728, 2770, 3376, 3686, 3781, 4407, 4748, 4800, 5371	\cyrya	1129, 2820, 3452, 3809, 4417, 4796
\CYRGUP	3719, 4735	\CYRYI	1057, 2739, 3457, 3729, 4759
\cyrgup	3734, 4755	\cyryi	1137, 2738, 3458, 3745, 4760
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\cyrishrt	1107, 2787, 3382, 3787, 4410, 4806		
\CYRJE	1058, 2741, 3717, 4756		
\cyrje	1138, 2740, 3742, 4765		
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\CYRN	1079, 2811, 3354, 3759, 4446, 4714		
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\cyrnje	1140, 2744, 3710, 4764		
\CYRO	1080, 2813, 3355, 3760, 4447, 4715		
\cyro	1112, 2812, 3387, 3792, 4415, 4811		
\CYRP	1081, 2819, 3356, 3761, 4448, 4716		
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\CYRR	1082, 2824, 3357, 3762, 4450, 4717		
\cyrr	1114, 2823, 3437, 3794, 4418, 4813		
\CYRS	1083, 2826, 3358, 3763, 4451, 4718		
\cyrs	1115, 2825, 3438, 3795, 4419, 4814		

## D

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 2604, 2605, 2606, 2607, 2608,  
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 2644, 2645, 2646, 2647, 2648,  
 2649, 2650, 2651, 2652, 2653,  
 2654, 2655, 2656, 2657, 2658,  
 2659, 2660, 2661, 2662, 2663,  
 2664, 2665, 2666, 2667, 2668,  
 2669, 2670, 2671, 2672, 2673,  
 2674, 2675, 2676, 2677, 2678,  
 2679, 2680, 2681, 2682, 2683,  
 2684, 2685, 2686, 2687, 2688,  
 2689, 2690, 2691, 2692, 2693,  
 2694, 2695, 2696, 2697, 2698,  
 2726, 2727, 2728, 2729, 2730,  
 2731, 2732, 2733, 2734, 2735,  
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 2746, 2747, 2748, 2749, 2750,  
 2751, 2752, 2753, 2754, 2755,  
 2756, 2757, 2758, 2759, 2760,  
 2761, 2762, 2763, 2764, 2765,  
 2766, 2767, 2768, 2769, 2770,  
 2771, 2772, 2773, 2774, 2775,  
 2776, 2777, 2778, 2779, 2780,  
 2781, 2782, 2783, 2784, 2785,  
 2786, 2787, 2788, 2789, 2790,  
 2791, 2792, 2793, 2794, 2795,  
 2796, 2797, 2798, 2799, 2800,  
 2801, 2802, 2803, 2804, 2805,  
 2806, 2807, 2808, 2809, 2810,  
 2811, 2812, 2813, 2814, 2815,  
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 2841, 2842, 2843, 2844, 2845,  
 2846, 2847, 2848, 2849, 2850,  
 2851, 2852, 2853, 2939, 2940,  
 2941, 2942, 2943, 2944, 2945,  
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 2951, 2952, 2953, 2954, 2955,  
 2956, 2957, 2958, 2959, 2960,  
 2961, 2962, 2963, 2964, 2965,  
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 2976, 2977, 2978, 2979, 2980,  
 2981, 2982, 2983, 2984, 2985,  
 2986, 2987, 2988, 2989, 2990,  
 2991, 2992, 2993, 2994, 2995,  
 2996, 2997, 2998, 2999, 3000,  
 3001, 3002, 3003, 3004, 3005,  
 3006, 3007, 3008, 3009, 3010,  
 3011, 3012, 3013, 3014, 3015,  
 3016, 3017, 3018, 3019, 3020,  
 3021, 3022, 3023, 3024, 3025,  
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 3051, 3052, 3053, 3054, 3055,  
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 3061, 3062, 3063, 3064, 3065,  
 3066, 3182, 3183, 3184, 3185,  
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 3191, 3192, 3193, 3194, 3195,  
 3196, 3197, 3198, 3199, 3200,  
 3201, 3202, 3203, 3204, 3205,  
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 3211, 3212, 3213, 3214, 3215,  
 3216, 3217, 3218, 3219, 3220,  
 3221, 3222, 3223, 3224, 3225,  
 3226, 3227, 3228, 3229, 3230,  
 3231, 3232, 3233, 3234, 3235,  
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 3246, 3247, 3248, 3249, 3250,  
 3251, 3252, 3253, 3254, 3255,  
 3256, 3257, 3258, 3259, 3260,  
 3261, 3262, 3263, 3264, 3265,  
 3266, 3267, 3268, 3269, 3270,  
 3271, 3272, 3273, 3274, 3275,  
 3276, 3277, 3278, 3279, 3280,  
 3281, 3282, 3283, 3284, 3285,  
 3286, 3287, 3288, 3289, 3290,  
 3291, 3292, 3293, 3294, 3295,  
 3296, 3297, 3298, 3299, 3300,  
 3301, 3302, 3303, 3304, 3305,  
 3306, 3307, 3341, 3342, 3343,  
 3344, 3345, 3346, 3347, 3348,  
 3349, 3350, 3351, 3352, 3353,  
 3354, 3355, 3356, 3357, 3358,  
 3359, 3360, 3361, 3362, 3363,  
 3364, 3365, 3366, 3367, 3368,  
 3369, 3370, 3371, 3372, 3373,  
 3374, 3375, 3376, 3377, 3378,  
 3379, 3380, 3381, 3382, 3383,  
 3384, 3385, 3386, 3387, 3388,  
 3389, 3390, 3391, 3392, 3393,  
 3394, 3395, 3396, 3397, 3398,  
 3399, 3400, 3401, 3402, 3403,  
 3404, 3405, 3406, 3407, 3408,

3409, 3410, 3411, 3412, 3413,  
3414, 3415, 3416, 3417, 3418,  
3419, 3420, 3421, 3422, 3423,  
3424, 3425, 3426, 3427, 3428,  
3429, 3430, 3431, 3432, 3433,  
3434, 3435, 3436, 3437, 3438,  
3439, 3440, 3441, 3442, 3443,  
3444, 3445, 3446, 3447, 3448,  
3449, 3450, 3451, 3452, 3453,  
3454, 3455, 3456, 3457, 3458,  
3459, 3460, 3461, 3462, 3463,  
3464, 3465, 3466, 3467, 3468,  
3518, 3519, 3520, 3521, 3522,  
3523, 3524, 3525, 3526, 3527,  
3528, 3529, 3530, 3531, 3532,  
3533, 3534, 3535, 3536, 3537,  
3538, 3539, 3540, 3541, 3542,  
3543, 3544, 3545, 3546, 3547,  
3548, 3549, 3550, 3551, 3552,  
3553, 3554, 3555, 3556, 3557,  
3558, 3559, 3560, 3561, 3562,  
3563, 3564, 3565, 3566, 3567,  
3568, 3569, 3570, 3571, 3572,  
3573, 3574, 3575, 3576, 3577,  
3578, 3579, 3580, 3581, 3582,  
3583, 3584, 3585, 3586, 3587,  
3588, 3589, 3590, 3591, 3592,  
3593, 3594, 3595, 3596, 3597,  
3598, 3599, 3600, 3601, 3602,  
3603, 3604, 3605, 3606, 3607,  
3608, 3609, 3610, 3611, 3612,  
3613, 3614, 3615, 3616, 3617,  
3618, 3619, 3620, 3621, 3622,  
3623, 3624, 3625, 3626, 3627,  
3628, 3629, 3630, 3631, 3632,  
3633, 3634, 3635, 3636, 3637,  
3638, 3639, 3640, 3683, 3684,  
3685, 3686, 3687, 3688, 3689,  
3690, 3691, 3692, 3693, 3694,  
3695, 3696, 3697, 3698, 3699,  
3700, 3701, 3702, 3703, 3704,  
3705, 3706, 3707, 3708, 3709,  
3710, 3711, 3712, 3713, 3714,  
3715, 3716, 3717, 3718, 3719,  
3720, 3721, 3722, 3723, 3724,  
3725, 3726, 3727, 3728, 3729,  
3730, 3731, 3732, 3733, 3734,  
3735, 3736, 3737, 3738, 3739,  
3740, 3741, 3742, 3743, 3744,  
3745, 3746, 3747, 3748, 3749,  
3750, 3751, 3752, 3753, 3754,  
3755, 3756, 3757, 3758, 3759,  
3760, 3761, 3762, 3763, 3764,  
3765, 3766, 3767, 3768, 3769,  
3770, 3771, 3772, 3773, 3774,  
3775, 3776, 3777, 3778, 3779,  
3780, 3781, 3782, 3783, 3784,  
3785, 3786, 3787, 3788, 3789,  
3790, 3791, 3792, 3793, 3794,  
3795, 3796, 3797, 3798, 3799,  
3800, 3801, 3802, 3803, 3804,  
3805, 3806, 3807, 3808, 3809,  
3880, 3881, 3882, 3883, 3884,  
3885, 3886, 3887, 3888, 3889,  
3890, 3891, 3892, 3893, 3894,  
3895, 3896, 3897, 3898, 3899,  
3900, 3901, 3902, 3903, 3904,  
3905, 3906, 3907, 3908, 3909,  
3910, 3911, 3912, 3913, 3914,  
3915, 3916, 3917, 3918, 3919,  
3920, 3921, 3922, 3923, 3924,  
3925, 3926, 3927, 3928, 3929,  
3930, 3931, 3932, 3933, 3934,  
3935, 3936, 3937, 3938, 3939,  
3940, 3941, 3942, 3943, 3944,  
3945, 3946, 3947, 3948, 3949,  
3950, 3951, 3952, 3953, 3954,  
3955, 3956, 3957, 3958, 3959,  
3960, 3961, 3962, 3963, 3964,  
3965, 3966, 3967, 3968, 3969,  
3970, 3971, 3972, 3973, 3974,  
3975, 3976, 3977, 3978, 3979,  
3980, 3981, 3982, 3983, 3984,  
3985, 3986, 3987, 3988, 3989,  
3990, 3991, 3992, 3993, 3994,  
3995, 3996, 3997, 3998, 3999,  
4000, 4001, 4002, 4070, 4071,  
4072, 4073, 4074, 4075, 4076,  
4077, 4078, 4079, 4080, 4081,  
4082, 4083, 4084, 4085, 4086,  
4087, 4088, 4089, 4090, 4091,  
4092, 4093, 4094, 4095, 4096,  
4097, 4098, 4099, 4100, 4101,  
4102, 4103, 4104, 4105, 4106,  
4107, 4108, 4109, 4110, 4111,  
4112, 4113, 4114, 4115, 4116,  
4117, 4118, 4119, 4120, 4121,  
4122, 4123, 4124, 4125, 4126,  
4127, 4128, 4129, 4130, 4131,  
4132, 4133, 4134, 4135, 4136,  
4137, 4138, 4139, 4140, 4141,  
4142, 4143, 4144, 4145, 4146,  
4147, 4148, 4149, 4150, 4151,  
4152, 4153, 4154, 4155, 4156,  
4157, 4158, 4159, 4160, 4161,  
4162, 4163, 4164, 4165, 4166,  
4167, 4168, 4169, 4170, 4171,  
4172, 4173, 4174, 4175, 4176,  
4177, 4178, 4179, 4180, 4181,  
4182, 4183, 4184, 4185, 4226,  
4227, 4228, 4229, 4230, 4231,  
4232, 4233, 4234, 4235, 4236,  
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4242, 4243, 4244, 4245, 4246,  
4247, 4248, 4249, 4250, 4251,  
4252, 4253, 4254, 4255, 4256,  
4257, 4258, 4259, 4260, 4261,  
4262, 4263, 4264, 4265, 4266,  
4267, 4268, 4269, 4270, 4271,  
4272, 4273, 4274, 4275, 4276,  
4277, 4278, 4279, 4280, 4281,  
4282, 4283, 4284, 4285, 4286,  
4287, 4288, 4289, 4290, 4291,  
4292, 4293, 4294, 4295, 4296,

4297, 4298, 4299, 4300, 4301,  
 4302, 4303, 4304, 4305, 4306,  
 4338, 4339, 4340, 4341, 4342,  
 4343, 4344, 4345, 4346, 4347,  
 4348, 4349, 4350, 4351, 4352,  
 4353, 4354, 4355, 4356, 4357,  
 4358, 4359, 4360, 4361, 4362,  
 4363, 4364, 4365, 4366, 4367,  
 4368, 4369, 4370, 4371, 4372,  
 4373, 4374, 4375, 4376, 4377,  
 4378, 4379, 4380, 4381, 4382,  
 4383, 4384, 4385, 4386, 4387,  
 4388, 4389, 4390, 4391, 4392,  
 4393, 4394, 4395, 4396, 4397,  
 4398, 4399, 4400, 4401, 4402,  
 4403, 4404, 4405, 4406, 4407,  
 4408, 4409, 4410, 4411, 4412,  
 4413, 4414, 4415, 4416, 4417,  
 4418, 4419, 4420, 4421, 4422,  
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 4443, 4444, 4445, 4446, 4447,  
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 4453, 4454, 4455, 4456, 4457,  
 4458, 4459, 4460, 4461, 4462,  
 4463, 4510, 4511, 4512, 4513,  
 4514, 4515, 4516, 4517, 4518,  
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 4549, 4550, 4551, 4552, 4553,  
 4554, 4555, 4556, 4557, 4558,  
 4559, 4560, 4561, 4562, 4563,  
 4564, 4565, 4566, 4567, 4568,  
 4569, 4570, 4571, 4572, 4573,  
 4574, 4575, 4576, 4577, 4578,  
 4579, 4580, 4581, 4582, 4583,  
 4584, 4585, 4586, 4587, 4588,  
 4589, 4590, 4591, 4592, 4593,  
 4594, 4595, 4596, 4597, 4598,  
 4599, 4600, 4601, 4602, 4603,  
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 4609, 4610, 4611, 4612, 4613,  
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 4624, 4625, 4626, 4627, 4628,  
 4629, 4630, 4631, 4632, 4633,  
 4634, 4635, 4636, 4637, 4701,  
 4702, 4703, 4704, 4705, 4706,  
 4707, 4708, 4709, 4710, 4711,  
 4712, 4713, 4714, 4715, 4716,  
 4717, 4718, 4719, 4720, 4721,  
 4722, 4723, 4724, 4725, 4726,  
 4727, 4728, 4729, 4730, 4731,  
 4732, 4733, 4734, 4735, 4736,  
 4737, 4738, 4739, 4740, 4741,  
 4742, 4743, 4744, 4745, 4746,  
 4747, 4748, 4749, 4750, 4751,  
 4752, 4753, 4754, 4755, 4756,  
 4757, 4758, 4759, 4760, 4761,  
 4762, 4763, 4764, 4765, 4766,  
 4767, 4768, 4769, 4770, 4771,  
 4772, 4773, 4774, 4775, 4776,  
 4777, 4778, 4779, 4780, 4781,  
 4782, 4783, 4784, 4785, 4786,  
 4787, 4788, 4789, 4790, 4791,  
 4792, 4793, 4794, 4795, 4796,  
 4797, 4798, 4799, 4800, 4801,  
 4802, 4803, 4804, 4805, 4806,  
 4807, 4808, 4809, 4810, 4811,  
 4812, 4813, 4814, 4815, 4816,  
 4817, 4818, 4819, 4820, 4821,  
 4822, 4823, 4824, 4825, 4826,  
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 4929, 4930, 4931, 4932, 4933,  
 4934, 4935, 4936, 4937, 4938,  
 4939, 4940, 4941, 4942, 4943,  
 4944, 4945, 4946, 4947, 4948,  
 4949, 4950, 4951, 4952, 4953,  
 4954, 4955, 4956, 4957, 4958,  
 4959, 4960, 4961, 4962, 4963,  
 4964, 4965, 4966, 4967, 4968,  
 4969, 4970, 4971, 4972, 4973,  
 4974, 4975, 4976, 4977, 4978,  
 4979, 4980, 4981, 4982, 4983,  
 4984, 4985, 4986, 4987, 4988,  
 4989, 4990, 4991, 4992, 4993,  
 4994, 4995, 4996, 4997, 4998,  
 4999, 5000, 5001, 5002, 5003,  
 5004, 5005, 5006, 5007, 5008,  
 5009, 5010, 5011, 5012, 5013,  
 5014, 5015, 5016, 5017, 5018,  
 5019, 5020, 5021, 5022, 5023,  
 5024, 5025, 5026, 5027, 5028,  
 5029, 5030, 5031, 5032, 5033,  
 5034, 5035, 5036, 5037, 5038,  
 5039, 5040, 5041, 5042, 5043,  
 5044, 5045, 5046, 5047, 5048,  
 5049, 5050, 5051, 5052, 5132,  
 5133, 5134, 5135, 5136, 5137,  
 5138, 5139, 5140, 5141, 5142,  
 5143, 5144, 5145, 5146, 5147,  
 5148, 5149, 5150, 5151, 5152,  
 5153, 5154, 5155, 5156, 5157,  
 5158, 5159, 5160, 5161, 5162,  
 5163, 5164, 5165, 5166, 5167,  
 5168, 5169, 5170, 5171, 5172,  
 5173, 5174, 5175, 5176, 5177,  
 5178, 5179, 5180, 5181, 5182,  
 5183, 5184, 5185, 5186, 5187,  
 5188, 5189, 5190, 5191, 5192,  
 5193, 5194, 5195, 5196, 5197,  
 5198, 5199, 5200, 5201, 5202,  
 5203, 5204, 5205, 5206, 5207,  
 5208, 5209, 5210, 5211, 5212,  
 5213, 5214, 5215, 5216, 5217,  
 5218, 5219, 5220, 5221, 5222,  
 5223, 5224, 5225, 5226, 5227,  
 5228, 5229, 5230, 5231, 5232,

5233, 5234, 5235, 5236, 5237,	5458, 5459, 5460, 5461, 5462,
5238, 5239, 5240, 5241, 5242,	5463, 5464, 5465, 5466, 5467,
5243, 5244, 5245, 5246, 5247,	5468, 5469, 5470, 5471, 5472, 5473
5248, 5249, 5250, 5251, 5252,	$\backslash$ Delta ..... 4487, 4664, 4882, 5520
5253, 5254, 5255, 5256, 5257, 5264	$\backslash$ delta ..... 262, 2115, 3105, 5508
$\backslash$ DeclareMathMeaning .....	$\backslash$ DH ..... 580, 1510,
..... 5495, 5496, 5497, 5498,	1903, 2484, 3020, 3955, 5148, 5584
5499, 5500, 5501, 5502, 5503,	$\backslash$ dh ..... 612, 1542,
5504, 5505, 5506, 5507, 5508,	1935, 2483, 3019, 3987, 5234, 5600
5509, 5510, 5511, 5512, 5513,	$\backslash$ diamond ..... 4496, 4897, 5529
5514, 5515, 5516, 5517, 5518,	$\backslash$ div ..... 5514
5519, 5520, 5521, 5522, 5523,	$\backslash$ DJ 710, 981, 1471, 2029, 2652, 3593, 5585
5524, 5525, 5526, 5527, 5528,	$\backslash$ dj ..... 742,
5529, 5530, 5531, 5532, 5533,	1013, 1487, 2061, 2651, 3625, 5601
5534, 5535, 5536, 5537, 5538,	$\backslash$ do ..... 88, 102
5539, 5540, 5541, 5542, 5543,	$\backslash$ downarrow ..... 5515
5544, 5545, 5546, 5547, 5548,	$\backslash$ dp ..... 1175, 2353, 2886
5549, 5550, 5551, 5552, 5553,	
5554, 5555, 5556, 5557, 5558, 5559	<b>E</b>
$\backslash$ DeclareOption ..... 77, 79	$\backslash$ endcsname ..... 13, 18, 39, 64, 209
$\backslash$ DeclareTextAccentDefault ..... 5567	$\backslash$ endinput ..... 65
$\backslash$ DeclareTextCommandDefault ..... 5568	$\backslash$ endlinechar ..... 47, 53
$\backslash$ DeclareTextSymbolDefault ..... 5569	$\backslash$ ensuremath 217, 220, 223, 226, 229,
$\backslash$ DeclareUnicodeCharacter .....	232, 235, 247, 250, 256, 259,
..... 5269, 5270, 5271, 5272,	262, 268, 271, 277, 280, 283,
5273, 5274, 5275, 5276, 5277,	286, 289, 292, 295, 298, 301,
5278, 5279, 5280, 5281, 5282,	304, 307, 310, 320, 325, 328,
5283, 5284, 5285, 5286, 5287,	331, 334, 337, 494, 500, 503,
5288, 5289, 5290, 5291, 5292,	506, 509, 512, 515, 518, 521,
5293, 5294, 5295, 5296, 5297,	524, 527, 654, 660, 778, 790,
5298, 5299, 5300, 5301, 5302,	793, 796, 799, 802, 919, 928,
5303, 5304, 5305, 5306, 5307,	1184, 1190, 1193, 1196, 1199,
5308, 5309, 5310, 5311, 5312,	1202, 1205, 1208, 1211, 1214,
5313, 5314, 5315, 5316, 5317,	1217, 1306, 1312, 1315, 1318,
5318, 5319, 5320, 5321, 5322,	1321, 1324, 1327, 1330, 1333,
5323, 5324, 5325, 5326, 5327,	1336, 1339, 1451, 1575, 1581,
5328, 5329, 5330, 5331, 5332,	1584, 1587, 1590, 1593, 1596,
5333, 5334, 5335, 5336, 5337,	1599, 1602, 1605, 1608, 1823,
5338, 5339, 5340, 5341, 5342,	1832, 1835, 1838, 1841, 1844,
5343, 5344, 5345, 5346, 5347,	1847, 1850, 1973, 1979, 2085,
5348, 5349, 5350, 5351, 5352,	2088, 2091, 2094, 2097, 2100,
5353, 5354, 5355, 5356, 5357,	2103, 2112, 2115, 2121, 2124,
5358, 5359, 5360, 5361, 5362,	2130, 2133, 2136, 2139, 2142,
5363, 5364, 5365, 5366, 5367,	2145, 2148, 2151, 2154, 2160,
5368, 5369, 5370, 5371, 5372,	2163, 2166, 2176, 2181, 2184,
5373, 5374, 5375, 5376, 5377,	2187, 2190, 2362, 2371, 2374,
5378, 5379, 5380, 5381, 5382,	2377, 2380, 2383, 2386, 2389,
5383, 5384, 5385, 5386, 5387,	2392, 2395, 2398, 2560, 2566,
5388, 5389, 5390, 5391, 5392,	2569, 2895, 2907, 2910, 2913,
5393, 5394, 5395, 5396, 5397,	2916, 2919, 2922, 2925, 2928,
5398, 5399, 5400, 5401, 5402,	2931, 2934, 3075, 3078, 3081,
5403, 5404, 5405, 5406, 5407,	3084, 3087, 3090, 3093, 3102,
5408, 5409, 5410, 5411, 5412,	3105, 3111, 3114, 3120, 3123,
5413, 5414, 5415, 5416, 5417,	3126, 3129, 3132, 3135, 3138,
5418, 5419, 5420, 5421, 5422,	3141, 3144, 3150, 3153, 3156,
5423, 5424, 5425, 5426, 5427,	3166, 3171, 3174, 3177, 3180,
5428, 5429, 5430, 5431, 5432,	3322, 3339, 3498, 3507, 3510,
5433, 5434, 5435, 5436, 5437,	3513, 3516, 3655, 3661, 3664,
5438, 5439, 5440, 5441, 5442,	3681, 3836, 3848, 3851, 3854,
5443, 5444, 5445, 5446, 5447,	3857, 3860, 3863, 3866, 3869,
5448, 5449, 5450, 5451, 5452,	3872, 3875, 4032, 4041, 4044,
5453, 5454, 5455, 5456, 5457,	4047, 4050, 4053, 4056, 4059,
	4062, 4065, 4068, 4200, 4203,



4206, 4209, 4212, 4215, 4218, 4221, 4315, 4321, 4327, 4330, 4333, 4336, 4478, 4484, 4487, 4490, 4493, 4496, 4499, 4502, 4505, 4508, 4646, 4649, 4661, 4664, 4667, 4670, 4673, 4676, 4679, 4696, 4699, 4837, 4843, 4864, 4879, 4882, 4885, 4888, 4891, 4894, 4897, 4900, 4903, 4906, 4909, 4912, 4915, 4918, 4921, 5100, 5103, 5106, 5109, 5112, 5115, 5118, 5121, 5124, 5127	\equiv ..... 271, 2124, 3114, 5511	\hebhe ..... 412, 1257, 5377 \hebbet ..... 415, 1260, 5380 \hebkaf ..... 418, 1264, 5384 \heblamed ..... 419, 1265, 5385 \hebmam ..... 420, 1267, 5387 \hebnun ..... 421, 1269, 5389 \hebpe ..... 424, 1273, 5393 \hebqof ..... 426, 1276, 5396 \hebresh ..... 427, 1277, 5397 \hebsamekh ..... 422, 1270, 5390 \hebshin ..... 428, 1278, 5399 \hebtav ..... 429, 1279, 5399 \hebtet ..... 416, 1261, 5381 \hebtsadi ..... 425, 1275, 5395 \hebvav ..... 413, 1258, 5378 \hebyod ..... 417, 1262, 5382 \hebzayin ..... 414, 1259, 5379 \hidewidth ..... 1962, 1968 \hline ... 1046, 2722, 3334, 3676, 4691 \hmode@bgroup ..... 1959
<b>F</b>		<b>I</b>
\fontsize ..... 1040, 1965, 2716, 3328, 3670, 4685		\i ..... 353, 354, 355, 375, 608, 609, 610, 611, 739, 740, 827, 874, 875, 876, 877, 954, 1010, 1011, 1012, 1420, 1421, 1422, 1423, 1437, 1482, 1483, 1539, 1540, 1541, 1688, 1789, 1790, 1791, 1792, 1931, 1932, 1933, 1934, 2057, 2058, 2059, 2060, 2206, 2207, 2208, 2228, 2414, 2415, 2416, 2436, 2488, 2583, 2604, 2950, 2951, 2952, 2972, 3193, 3194, 3195, 3215, 3622, 3623, 3983, 3984, 3985, 3986, 4168, 4290, 4291, 4292, 4293, 4528, 4562, 4944, 4945, 4946, 4947, 5042, 5228, 5230, 5232, 5233, 5249, 5292, 5294, 5606
<b>G</b>		\IEX@AfterHook ..... 106, 111, 135 \IEX@BeforeHook ..... 105, 108, 117 \IEX@DoLookup ..... 15, 45 \IEX@enclst ..... 78, 80, 81, 83, 88 \IEX@LookupEncoding ..... 7, 89, 118 \IEX@mathtrue ..... 77 \IEX@Option ..... 102, 103 \IEX@OptionList ... 87, 92, 93, 95, 102 \IEX@temp . 57, 58, 59, 60, 61, 62, 64, 68 \ifdim ..... 1175, 2353, 2886 \IfFileExists ..... 27, 48, 62, 139 \ifIEX@math ..... 76, 137 \ifx ... 20, 59, 80, 90, 93, 119, 122, 127 \IJ ..... 407, 5587 \ij ..... 406, 5607 \in ..... 268, 5516 \infty 280, 2133, 3123, 4667, 4885, 5521 \input ..... 49, 51, 140, 142 \InputEncoding ..... 5, 113 \inputencoding ..... 103, 121 \InputEncodingNameOld ..... 5, 114 \InputEncodingNew ..... 116, 118 \InputEncodingOptionOld ..... 115
\g@addto@macro ..... 108, 111 \Gamma ..... 217, 2085, 3075, 5518 \geq ..... 277, 2130, 3120, 4327, 4484, 4661, 4879, 5519 \guillemotleft ..... 388, 543, 1232, 1355, 1621, 1866, 1992, 2241, 2449, 2617, 2772, 2985, 3228, 3556, 3725, 3918, 4101, 4234, 4581, 4772, 4997, 5175, 5602 \guillemotright ..... 389, 559, 1248, 1371, 1637, 1882, 2008, 2242, 2450, 2618, 2773, 2986, 3572, 3741, 3934, 4117, 4244, 4582, 4773, 4998, 5191, 5603 \guilsinglleft ..... 3526, 3694, 3890, 4077, 4602, 5018, 5176, 5604 \guilsinglright ..... 3540, 3709, 3903, 4089, 4603, 5019, 5177, 5605		
<b>H</b>		
\H ..... 636, 715, 721, 747, 753, 2034, 2037, 2066, 2069, 2539, 2581, 2582, 2678, 2694, 3477, 3598, 3604, 3630, 3636, 4586, 4588, 4626, 4627, 4840, 5061, 5586 \hbox 1044, 1963, 2720, 3332, 3674, 4689 \hebaleft ..... 408, 1253, 5373 \hebayin ..... 423, 1271, 5391 \hebbet ..... 409, 1254, 5374 \hebdalet ..... 411, 1256, 5376 \hebfinalkaf ..... 431, 1263, 5383 \hebfinalmem ..... 432, 1266, 5386 \hebfinalnun ..... 430, 1268, 5388 \hebfinalpe ..... 433, 1272, 5392 \hebfinaltsadi ..... 434, 1274, 5394 \hebgimel ..... 410, 1255, 5375		

<code>\InputenxAlias</code> . . . . .	56, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204	3166, 3507, 3661, 3848, 4041, 4493, 4673, 4894, 5100, 5527, 5528
<code>\int</code> . . . . .	4888, 5522	
<b>J</b>		
<code>\j</code> . . . . .	830, 5298, 5608	
<b>K</b>		
<code>\k</code> . . . . .	663, 679, 680, 704, 736, 934, 950, 951, 972, 975, 990, 1004, 1007, 1022, 1463, 1479, 1501, 1504, 1519, 1533, 1536, 1551, 1642, 1643, 1648, 1666, 1674, 1675, 1680, 1698, 1982, 1983, 2042, 2074, 2607, 2608, 2611, 2612, 2685, 3550, 3563, 3570, 3587, 3619, 4091, 4122, 4123, 4128, 4146, 4154, 4155, 4160, 4178, 4514, 4518, 4544, 4553, 4557, 4558, 4628, 4629, 5051, 5210, 5295, 5296, 5320, 5321, 5355, 5609	
<code>\kern</code> . . . . .	1454	
<b>L</b>		
<code>\L</code> . . . . .	665, 1667, 1984, 2600, 3548, 4147, 4634, 5236, 5588	
<code>\l</code> . . . . .	681, 1699, 2000, 2579, 3564, 4179, 4566, 5252, 5610	
<code>\langle</code> . . . . .	5524	
<code>\lbrace</code> . . . . .	5512	
<code>\leavevmode</code> . . . . .	1174, 2352, 2885	
<code>\leftarrow</code> . . . . .	5525	
<code>\leq</code> . . . . .	286, 2139, 3129, 4330, 4490, 4670, 4891, 5526	
<code>\LICRcmd</code> . . . . .	5565, 5576, 5577, 5578, 5579, 5580, 5581, 5582, 5583, 5584, 5585, 5586, 5587, 5588, 5589, 5590, 5591, 5592, 5593, 5594, 5595, 5596, 5597, 5598, 5599, 5600, 5601, 5602, 5603, 5604, 5605, 5606, 5607, 5608, 5609, 5610, 5611, 5612, 5613, 5614, 5615, 5616, 5617, 5618, 5619, 5620, 5621, 5622, 5623, 5624, 5625, 5626, 5627, 5628, 5629, 5630, 5631, 5632, 5633, 5634, 5635, 5636, 5637, 5638, 5639, 5640, 5641, 5642, 5643, 5644, 5645, 5646, 5647, 5648, 5649, 5650, 5651, 5652, 5653, 5654, 5655, 5656, 5657, 5658, 5659, 5660, 5661, 5662, 5663, 5664	
<code>\lnot</code> . . . . .	289, 320, 500, 1190, 1312, 1581, 1832, 2142, 2176, 2371, 2566, 2907, 3132,	
<b>M</b>		
<code>\makeatletter</code> . . . . .	. 215, 474, 634, 764, 899, 1035, 1152, 1286, 1446, 1564, 1712, 1815, 1957, 2083, 2327, 2537, 2705, 2860, 3073, 3314, 3475, 3647, 3816, 4009, 4192, 4313, 4470, 4644, 4835, 5059, 5487, 5494	
<code>\math@fontsfalse</code> . . . . .	1041, 1966, 2717, 3329, 3671, 4686	
<code>\mathdollar</code> . . . . .	5509	
<code>\mathellipsis</code> . . . . .	5517	
<code>\mathpalette</code> . . . . .	320, 2176, 3166	
<code>\mathparagraph</code> . . . . .	5539	
<code>\mathsection</code> . . . . .	5548	
<code>\mathsterling</code> . . . . .	5551	
<code>\mbox</code> . . . . .	1454	
<code>\MessageBreak</code> . . . . .	23, 29, 30, 34, 35, 68, 70	
<code>\mu</code> . . . . .	292, 503, 790, 1193, 1315, 1584, 1835, 2145, 2374, 2910, 3135, 3510, 3664, 3851, 4044, 4203, 4676, 4900, 5103, 5530	
<b>N</b>		
<code>\NeedsTeXFormat</code> . . . . .	2	
<code>\neq</code> . . . . .	4499, 4679, 4903, 5531	
<code>\newcommand</code> . . . . .	107, 110, 113	
<code>\newif</code> . . . . .	76	
<code>\nfss@text</code> . . . . .	5503, 5546	
<code>\NG</code> . . . . .	962, 1477, 5589	
<code>\ng</code> . . . . .	964, 1493, 5611	
<code>\nobreakspace</code> . . . . .	532, 662, 804, 933, 1050, 1222, 1344, 1462, 1610, 1713, 1855, 1981, 2320, 2530, 2698, 2853, 3066, 3307, 3468, 3545, 3714, 3907, 4092, 4363, 4584, 4775, 5000, 5132, 5269, 5612	
<code>\null</code> . . . . .	1961	
<b>O</b>		
<code>\O</code> . . . . .	392, 588, 989, 1400, 1518, 1618, 1769, 1911, 2432, 2968, 3211, 3963, 4098, 4271, 4973, 5237, 5590	
<code>\o</code> . . . . .	393, 620, 1021, 1432, 1550, 1634, 1801, 1943, 2430, 2966, 3209, 3995, 4114, 4301, 4989, 5253, 5613	
<code>\OE</code> . . . . .	395, 1883, 2009, 3891, 4270, 5004, 5238, 5591	
<code>\oe</code> . . . . .	394, 1884, 2010, 3904, 4300, 5005, 5254, 5614	
<code>\oint</code> . . . . .	256, 5502	
<code>\Omega</code> . . . . .	220, 2088, 3078, 4837, 5533, 5534	
<code>\oalign</code> . . . . .	1043, 1960, 2719, 3331, 3673, 4688	
<b>P</b>		
<code>\PackageError</code> . . . . .	33	
<code>\PackageInfo</code> . . . . .	28	
<code>\PackageWarning</code> . . . . .	21, 67	
<code>\partial</code> . . . . .	4502, 4906, 5540	

<code>\PassOptionsToPackage</code>	. 122, 124, 129	2370, 2373, 2376, 2379, 2382,
<code>\Phi</code>	223, 2091, 3081, 5541	2385, 2388, 2391, 2394, 2397,
<code>\phi</code>	304, 2160, 3150, 5542	2400, 2538, 2541, 2544, 2547,
<code>\Pi</code>	4915	2550, 2553, 2556, 2559, 2562,
<code>\pi</code>	307, 2163, 3153, 4909, 5543	2565, 2568, 2706, 2709, 2712,
<code>\pm</code>	310, 515, 1205,	2861, 2864, 2867, 2870, 2873,
	1327, 1596, 1841, 1979, 2166,	2876, 2879, 2882, 2894, 2897,
	2386, 2922, 3156, 3513, 3681,	2900, 2903, 2906, 2909, 2912,
	3863, 4056, 4215, 4696, 4912, 5115	2915, 2918, 2921, 2924, 2927,
<code>\ProcessOptions</code>	86	2930, 2933, 2936, 3074, 3077,
<code>\prod</code>	5544	3080, 3083, 3086, 3089, 3092,
<code>\providecommand</code>	5, 6	3095, 3098, 3101, 3104, 3107,
<code>\ProvidesFile</code>		3110, 3113, 3116, 3119, 3122,
	. 147, 207, 212, 471, 631, 761,	3125, 3128, 3131, 3134, 3137,
	896, 1032, 1149, 1283, 1443,	3140, 3143, 3146, 3149, 3152,
	1561, 1709, 1812, 1954, 2080,	3155, 3158, 3170, 3173, 3176,
	2324, 2534, 2702, 2857, 3070,	3179, 3315, 3318, 3321, 3324,
	3311, 3472, 3644, 3813, 4006,	3338, 3476, 3479, 3482, 3485,
	4189, 4310, 4467, 4641, 4832,	3488, 3491, 3494, 3497, 3500,
	5056, 5267, 5476, 5480, 5484, 5491	3503, 3506, 3509, 3512, 3515,
<code>\ProvidesPackage</code>	3	3648, 3651, 3654, 3657, 3660,
<code>\ProvidetextCommandDefault</code>		3663, 3666, 3680, 3817, 3820,
	216, 219, 222,	3823, 3826, 3829, 3832, 3835,
	225, 228, 231, 234, 237, 240,	3838, 3841, 3844, 3847, 3850,
	243, 246, 249, 252, 255, 258,	3853, 3856, 3859, 3862, 3865,
	261, 264, 267, 270, 273, 276,	3868, 3871, 3874, 3877, 4010,
	279, 282, 285, 288, 291, 294,	4013, 4016, 4019, 4022, 4025,
	297, 300, 303, 306, 309, 312,	4028, 4031, 4034, 4037, 4040,
	324, 327, 330, 333, 336, 339,	4043, 4046, 4049, 4052, 4055,
	475, 478, 481, 484, 487, 490,	4058, 4061, 4064, 4067, 4193,
	493, 496, 499, 502, 505, 508,	4196, 4199, 4202, 4205, 4208,
	511, 514, 517, 520, 523, 526,	4211, 4214, 4217, 4220, 4223,
	529, 635, 638, 641, 644, 647,	4314, 4317, 4320, 4323, 4326,
	650, 653, 656, 659, 765, 768,	4329, 4332, 4335, 4471, 4474,
	771, 774, 777, 780, 783, 786,	4477, 4480, 4483, 4486, 4489,
	789, 792, 795, 798, 801, 900,	4492, 4495, 4498, 4501, 4504,
	903, 906, 909, 912, 915, 918,	4507, 4645, 4648, 4651, 4654,
	921, 924, 927, 930, 1036, 1153,	4657, 4660, 4663, 4666, 4669,
	1156, 1159, 1162, 1165, 1168,	4672, 4675, 4678, 4681, 4695,
	1171, 1183, 1186, 1189, 1192,	4698, 4836, 4839, 4842, 4845,
	1195, 1198, 1201, 1204, 1207,	4848, 4851, 4854, 4857, 4860,
	1210, 1213, 1216, 1219, 1287,	4863, 4866, 4869, 4872, 4875,
	1290, 1293, 1296, 1299, 1302,	4878, 4881, 4884, 4887, 4890,
	1305, 1308, 1311, 1314, 1317,	4893, 4896, 4899, 4902, 4905,
	1320, 1323, 1326, 1329, 1332,	4908, 4911, 4914, 4917, 4920,
	1335, 1338, 1341, 1447, 1450,	4923, 5060, 5063, 5066, 5069,
	1453, 1456, 1459, 1565, 1568,	5072, 5075, 5078, 5081, 5084,
	1571, 1574, 1577, 1580, 1583,	5087, 5090, 5093, 5096, 5099,
	1586, 1589, 1592, 1595, 1598,	5102, 5105, 5108, 5111, 5114,
	1601, 1604, 1607, 1816, 1819,	5117, 5120, 5123, 5126, 5129, 5261
	1822, 1825, 1828, 1831, 1834,	
	1837, 1840, 1843, 1846, 1849,	
	1852, 1958, 1972, 1975, 1978,	
	2084, 2087, 2090, 2093, 2096,	
	2099, 2102, 2105, 2108, 2111,	
	2114, 2117, 2120, 2123, 2126,	
	2129, 2132, 2135, 2138, 2141,	
	2144, 2147, 2150, 2153, 2156,	
	2159, 2162, 2165, 2168, 2180,	
	2183, 2186, 2189, 2192, 2328,	
	2331, 2334, 2337, 2340, 2343,	
	2346, 2349, 2361, 2364, 2367,	

## Q

<code>\quotedblbase</code>	. 1615, 1986, 3520, 3687, 3883,
	4072, 4609, 4788, 5025, 5189, 5615
<code>\quotesinglbase</code>	3519, 3685,
	3881, 4071, 4608, 5024, 5188, 5616

## R

<code>\r</code>	348, 357, 569, 601,
	719, 751, 970, 1002, 1381, 1413,
	1499, 1531, 1647, 1679, 1750,
	1782, 1892, 1924, 2201, 2210,

2409, 2418, 2576, 2665, 2945, 2954, 3188, 3197, 3602, 3634, 3944, 3976, 4127, 4159, 4253, 4283, 4623, 4625, 4927, 4938, 5048, 5138, 5206, 5222, 5354, 5617	\raise 1044, 1963, 2720, 3332, 3674, 4689
\raisebox . . . . .	1176, 1178, 2354, 2356, 2887, 2889
\rangle . . . . .	5545
\rbrace . . . . .	5513
\reflectbox . . . . .	318, 2174, 3164
\RequirePackage . . . . .	101, 138
\RestoreAtCatcode . . . . .	214, 468, 473, 628, 633, 758, 763, 893, 898, 1029, 1034, 1146, 1151, 1280, 1285, 1440, 1445, 1558, 1563, 1706, 1711, 1809, 1814, 1951, 1956, 2077, 2082, 2321, 2326, 2531, 2536, 2699, 2704, 2854, 2859, 3067, 3072, 3308, 3313, 3469, 3474, 3641, 3646, 3810, 3815, 4003, 4008, 4186, 4191, 4307, 4312, 4464, 4469, 4638, 4643, 4829, 4834, 5053, 5058, 5258, 5486, 5488, 5493, 5560
\rightarrow . . . . .	5547
\rlap 1176, 1178, 2354, 2356, 2887, 2889	
<b>S</b>	
\sbox . . . . .	1173, 2351, 2884
\selectfont . . . . .	
1042, 1966, 2718, 3330, 3672, 4687	
\sf@size . . . . .	1040, 2716, 3328, 3670, 4685
\Sigma 226, 2094, 3084, 4505, 4918, 5549	
\sigma . . . . .	325, 2181, 3171, 5550
\SS . . . . .	5592
\ss . . . . .	372, 595, 725, 862, 996, 1407, 1525, 1673, 1776, 1918, 2044, 2292, 2500, 2668, 3036, 3279, 3608, 3970, 4153, 4277, 4549, 4965, 5255, 5495, 5618
\ssf@size . . . . .	1965
\sum . . . . .	5552
\surd . . . . .	328, 2184, 3174, 3339, 4333, 4508, 4699, 4921, 5553
<b>T</b>	
\t . . . . .	5619
\tau . . . . .	331, 2187, 3177, 5554
\textacutedbl 635, 691, 2538, 2684, 3476, 3574, 4839, 5050, 5060, 5209	
\textalpha . . . . .	231, 438, 2099, 2291, 3089, 3278, 5361, 5496
\textapplelogo . . . . .	5261, 5262, 5264
\textapproxequal . . . . .	234, 459, 2102, 2312, 3092, 3299, 4314, 4360, 4645, 4770, 4842, 4995, 5416, 5497
\textasciicircum . . . . .	237, 400, 475, 552, 638, 682, 765, 822, 903, 953, 1153, 1241, 1287, 1364, 2328, 2514, 2541, 2682, 2861, 3050, 3479, 3565, 3817, 3927, 4010, 4110, 4845, 4969, 5063, 5198
\textasciibreve . . . . .	641, 664, 768, 806, 2544, 2687, 3482, 3547, 4848, 5046, 5066, 5202
\textasciicaron . . . . .	644, 685, 906, 956, 2547, 2686, 3485, 3546, 4013, 4079, 4471, 4637, 4851, 5052, 5069, 5211
\textasciicircum 3887, 5043, 5199, 5620	
\textasciidieresis . . . . .	240, 399, 478, 540, 647, 670, 771, 811, 909, 941, 1156, 1229, 1290, 1352, 2331, 2524, 2550, 2692, 2864, 3060, 3488, 3553, 3820, 3915, 4016, 4078, 4474, 4554, 4854, 4970, 5072, 5204
\textasciigrave . . . . .	5075, 5197, 5352
\textasciimacron . . . . .	243, 467, 481, 547, 912, 948, 1159, 1236, 1293, 1359, 1816, 1870, 2334, 2513, 2867, 3049, 3823, 3922, 4019, 4090, 4857, 5045, 5078, 5201
\textasciitilde 3900, 5044, 5200, 5621	
\textasteriskcentered . . . . .	5622
\textbackslash . . . . .	5623
\textbar . . . . .	5624
\textbardbl . . . . .	5498, 5625
\textbeta . . . . .	246, 439, 5362, 5499
\textbigcircle . . . . .	5626
\textblacksquare . . . . .	2105, 2319, 2337, 2529, 2553, 2697, 2706, 2852, 2870, 3065, 3095, 3306, 3315, 3467, 4317, 4357, 5422
\textblock . . . . .	2286, 2494, 2662, 2817, 3030, 3273, 3432, 4351, 5468
\textbraceleft . . . . .	5512, 5627
\textbraceright . . . . .	5513, 5628
\textbrokenbar . . . . .	484, 485, 538, 1162, 1163, 1227, 1296, 1297, 1350, 1565, 1566, 1616, 2340, 2341, 2496, 2873, 2874, 3032, 3491, 3492, 3551, 3648, 3649, 3720, 3826, 3827, 3913, 4022, 4023, 4096, 5081, 5082, 5185
\textbullet . . . . .	461, 2314, 3301, 3462, 3535, 3704, 3897, 4085, 4358, 4547, 4738, 4963, 5187, 5409, 5500, 5629
\textcap . . . . .	249, 436, 5412, 5501
\textcent 252, 253, 369, 487, 488, 534, 1165, 1166, 1223, 1299, 1300, 1346, 1568, 1569, 1612, 1819, 1820, 1857, 2108, 2109, 2222, 2343, 2344, 2464, 2876, 2877, 3000, 3829, 3830, 3909, 4025, 4026, 4093, 4193, 4194, 4227, 4860, 4861, 4960, 5084, 5085, 5166	
\textcircled . . . . .	5630
\textcommabelow . . . . .	1958, 1991, 2007, 2043, 2075, 5348, 5349, 5350, 5351
\textcompwordmark . . . . .	5631
\textcontourintegral . . . . .	255, 450, 5415, 5502

<code>\textcopyright</code> . . . . .	403, 541, 1230, 1353, 1619, 1722, 1864, 1990, 2459, 2995, 3554, 3723, 3916, 4099, 4232, 4399, 4551, 4742, 4967, 5164, 5503, 5632
<code>\textcup</code> . . . . .	5504
<code>\textcurrency</code> 490, 491, 536, 650, 651, 666, 774, 775, 808, 915, 916, 937, 1168, 1169, 1225, 1302, 1303, 1348, 1571, 1572, 1614, 2346, 2347, 2482, 2556, 2557, 2650, 2709, 2710, 2805, 2879, 2880, 3018, 3098, 3099, 3229, 3318, 3319, 3466, 3494, 3495, 3549, 3651, 3652, 3718, 3832, 3833, 3911, 4028, 4029, 4095, 4196, 4197, 4231, 5087, 5088, 5172	
<code>\textdagger</code> . . . . .	. . 401, 3522, 3689, 3885, 4074, 4542, 4733, 4958, 5182, 5505, 5633
<code>\textdaggerdbl</code> . . . . .	3523, 3690, 3886, 4075, 5022, 5183, 5506, 5634
<code>\textdbllowline</code> . . . . .	1171, 1252, 2349, 2517, 2882, 3053, 5401
<code>\textdegree</code> . . . . .	. 258, 460, 493, 548, 653, 678, 777, 818, 918, 949, 1183, 1237, 1305, 1360, 1450, 1478, 1574, 1626, 1822, 1871, 1972, 1997, 2111, 2313, 2361, 2523, 2559, 2691, 2894, 3059, 3101, 3300, 3321, 3461, 3497, 3561, 3654, 3730, 3835, 3923, 4031, 4106, 4199, 4235, 4320, 4364, 4477, 4543, 4648, 4734, 4863, 4959, 5507
<code>\textdelta</code> . . . . .	261, 449, 2114, 2302, 3104, 3289, 5363, 5508
<code>\textdiv</code> . . . . .	264, 265, 458, 496, 497, 619, 656, 657, 749, 780, 781, 884, 921, 922, 1020, 1186, 1187, 1247, 1308, 1309, 1431, 1577, 1578, 1697, 1825, 1826, 1942, 2117, 2118, 2311, 2364, 2365, 2521, 2562, 2563, 2689, 2897, 2898, 3057, 3107, 3108, 3298, 3500, 3501, 3632, 3838, 3839, 3994, 4034, 4035, 4177, 4323, 4324, 4367, 4480, 4481, 4596, 4651, 4652, 4787, 4866, 4867, 5012, 5090, 5091, 5163, 5514
<code>\textdkshade</code> . . . .	2245, 2453, 2621, 2776, 2989, 3232, 3391, 4356, 5473
<code>\textdnblock</code> . . . .	2287, 2495, 2663, 2818, 3031, 3274, 3433, 4350, 5467
<code>\textdollar</code> . . . . .	5509, 5635
<code>\textdownarrow</code> . . . . .	5515
<code>\textelement</code> . . . .	267, 452, 5406, 5516
<code>\textellipsis</code> 3521, 3688, 3884, 4073, 4583, 4774, 4999, 5192, 5517, 5636	
<code>\textemdash</code> . . . .	3537, 3706, 3899, 4087, 4591, 4782, 5007, 5212, 5637
<code>\textendash</code> . . . .	3536, 3705, 3898, 4086, 4590, 4781, 5006, 5181, 5638
<code>\textepsilon</code> . . . . .	2120, 2305, 3110, 3292, 5364, 5510
<code>\textequivalence</code> . . . . .	270, 454, 2123, 2307, 3113, 3294, 5418, 5511
<code>\texteuro</code> . . . . .	1828, 1829, 1859, 1975, 1976, 1985, 2900, 2901, 3024, 3503, 3504, 3518, 3657, 3658, 3691, 3841, 3842, 3880, 4037, 4038, 4070, 4654, 4655, 4828, 4869, 4870, 5017
<code>\textexclamdown</code> . . . . .	387, 533, 1345, 1856, 2240, 2448, 2984, 3227, 3908, 4226, 4991, 5165, 5639
<code>\textflorin</code> . . . . .	273, 373, 2126, 2226, 2367, 2434, 2903, 2970, 3116, 3213, 3844, 3882, 4657, 4769, 4872, 4994, 5093, 5170
<code>\textfractionsolidus</code> . . . . .	. . . . . 4875, 5016, 5096, 5168
<code>\textGamma</code> . . . . .	216, 440, 2084, 2293, 3074, 3280, 5356, 5518
<code>\textgreater</code> . . . . .	5640
<code>\textgreaterequal</code> . . . . .	. . 276, 456, 2129, 2309, 3119, 3296, 4326, 4362, 4483, 4561, 4660, 4752, 4878, 4977, 5420, 5519
<code>\texthorizontalbar</code> . .	1453, 1491, 5400
<code>\textincrement</code> . . . . .	4486, 4580, 4663, 4771, 4881, 4996, 5405, 5520
<code>\textinfinity</code> . . . . .	279, 437, 2132, 2303, 3122, 3290, 4666, 4749, 4884, 4974, 5411, 5521
<code>\textintegral</code> . .	4887, 4984, 5414, 5522
<code>\textintersection</code> . . . . .	282, 453, 2135, 2306, 3125, 3293, 5413, 5523
<code>\textit</code> . . . . .	274, 2127, 2368, 2904, 3117, 3845, 4658, 4873, 5094
<code>\textkra</code> . . . . .	924, 925, 935, 1456, 1457, 1557, 5301
<code>\textlangle</code> . . . . .	5524
<code>\textleftarrow</code> . . . . .	5525
<code>\textless</code> . . . . .	5641
<code>\textlessequal</code> . . . . .	. . 285, 457, 2138, 2310, 3128, 3297, 4329, 4361, 4489, 4560, 4669, 4751, 4890, 4976, 5419, 5526
<code>\textlfblock</code> . . . . .	. . . . 2288, 3275, 3434, 4352, 5469
<code>\textlnot</code> . . . . .	288, 384, 499, 544, 1189, 1233, 1311, 1356, 1580, 1622, 1831, 1867, 2141, 2237, 2370, 2445, 2565, 2613, 2906, 2981, 3131, 3224, 3506, 3557, 3660, 3726, 3847, 3919, 4040, 4102, 4492, 4576, 4672, 4767, 4893, 4992, 5099, 5194, 5527
<code>\textlogicalnot</code> . . . . .	5528
<code>\textlozenge</code> . . . . .	4495, 4597, 4896, 5013, 5423, 5529

<code>\textltshade</code> . . . . .	2243, 2451, 2619, 2774, 2987, 3230, 3389, 4354, 5471	<code>\textPhi</code> . . . . .	222, 446, 2090, 2299, 3080, 3286, 5359, 5541
<code>\textmalteseH</code> . . . . .	783, 784, 805, 5289	<code>\textphi</code> . . . . .	303, 451, 2159, 2304, 3149, 3291, 5368, 5542
<code>\textmalteseh</code> . . . . .	786, 787, 819, 5290	<code>\textpi</code> . . . . .	306, 441, 2162, 2294, 3152, 3281, 4908, 4983, 5365, 5543
<code>\textmu</code> . . . . .	291, 444, 502, 553, 789, 823, 1192, 1242, 1314, 1365, 1583, 1631, 1834, 1876, 2144, 2297, 2373, 2505, 2909, 3041, 3134, 3284, 3509, 3566, 3663, 3735, 3850, 3928, 4043, 4111, 4202, 4239, 4675, 4754, 4899, 4979, 5102, 5161, 5530	<code>\textpm</code> . . . . .	309, 455, 514, 549, 1204, 1238, 1326, 1361, 1595, 1627, 1840, 1872, 1978, 1998, 2165, 2308, 2385, 2516, 2921, 3052, 3155, 3295, 3512, 3562, 3680, 3731, 3862, 3924, 4055, 4107, 4214, 4236, 4695, 4750, 4911, 4975, 5114, 5213
<code>\textnotequal</code> . . . . .	4498, 4555, 4678, 4746, 4902, 4971, 5417, 5531	<code>\textproduct</code> . . .	4914, 4982, 5407, 5544
<code>\textnsuperior</code> . . . . .	294, 464, 2147, 2317, 3137, 3304, 5402, 5532	<code>\textquestiondown</code> . . . . .	382, 563, 1375, 1886, 2235, 2443, 2979, 3222, 3938, 4247, 4990, 5195, 5649
<code>\textnumero</code> . . . . .	1036, 1130, 2712, 2837, 3324, 3465, 3666, 3739, 4681, 4793	<code>\textquotedbl</code> . . . . .	5650
<code>\textogonekcentered</code> . . . . .	5642	<code>\textquotedblleft</code> . . . . .	. . . . . 1630, 3533, 3702, 3895, 4083, 4592, 4783, 5008, 5174, 5651
<code>\textohm</code> . . . . .	5533	<code>\textquotedblright</code> . . . . .	. . . . . 1611, 2002, 3534, 3703, 3896, 4084, 4593, 4784, 5009, 5190, 5652
<code>\textOmega</code> . . . . .	219, 448, 2087, 2301, 3077, 3288, 4836, 4987, 5360, 5534	<code>\textquoteleft</code> . . . . .	3531, 3700, 3893, 4081, 4594, 4785, 5010, 5653
<code>\textonehalf</code> . . . . .	297, 385, 505, 561, 792, 831, 1195, 1250, 1317, 1373, 1586, 1639, 2150, 2238, 2376, 2446, 2912, 2982, 3140, 3225, 3853, 3936, 4046, 4119, 4205, 4246, 5105, 5215, 5535	<code>\textquoteright</code> . . . . .	. . . . . 1705, 3532, 3701, 3894, 4082, 4595, 4786, 5011, 5173, 5654
<code>\textonequarter</code> . . . . .	300, 386, 508, 560, 1198, 1249, 1320, 1372, 1589, 1638, 2153, 2239, 2379, 2447, 2915, 2983, 3143, 3226, 3856, 3935, 4049, 4118, 4208, 4245, 5108, 5214, 5536	<code>\textrangle</code> . . . . .	5545
<code>\textonesuperior</code> . . . . .	511, 557, 1201, 1246, 1323, 1369, 1592, 1635, 1837, 1880, 2382, 2526, 2918, 3062, 3859, 3932, 4052, 4115, 4211, 4242, 5111, 5196, 5537	<code>\textregistered</code> . . . . .	404, 546, 1235, 1358, 1624, 1727, 1869, 2444, 2980, 3559, 3728, 3921, 4104, 4550, 4741, 4966, 5180, 5655
<code>\textopenbullet</code> . . . . .	5538	<code>\textrevlogicalnot</code> . . . . .	. . . . . 312, 315, 383, 2168, 2171, 2236, 3158, 3161, 3223, 5421, 5546
<code>\textordfeminine</code> . . . . .	380, 542, 1354, 1865, 2233, 2441, 2977, 3220, 3917, 4233, 4985, 5231, 5643	<code>\textrightarrow</code> . . . . .	5547
<code>\textordmasculine</code> . . . . .	381, 558, 1370, 1881, 2234, 2442, 2978, 3221, 3933, 4243, 4986, 5239, 5644	<code>\textrtblock</code> . . . . .	. . . . . 2289, 3276, 3435, 4353, 5470
<code>\textparagraph</code> . . . . .	. . . . . 402, 554, 1243, 1366, 1632, 1735, 1877, 2003, 2519, 3055, 3567, 3736, 3929, 4112, 4240, 4548, 4739, 4964, 5186, 5539, 5645	<code>\textsection</code> . . . . .	435, 539, 669, 810, 940, 1143, 1228, 1351, 1469, 1617, 1720, 1862, 1988, 2520, 2688, 2851, 3056, 3552, 3721, 3914, 4097, 4230, 4546, 4737, 4962, 5171, 5548, 5656
<code>\textpartial</code> . . . . .	4501, 4564, 4905, 4980, 5404, 5540	<code>\textSFi</code> . . . . .	2285, 2493, 2661, 2816, 3029, 3272, 3431, 4340, 5428
<code>\textperiodcentered</code> . . . . .	462, 555, 825, 1244, 1367, 1485, 1633, 1878, 2004, 2315, 2525, 3061, 3302, 3463, 3568, 3737, 3930, 4113, 4241, 4366, 5023, 5184, 5646	<code>\textSFii</code> . . . . .	2259, 2467, 2635, 2790, 3003, 3246, 3405, 4342, 5430
<code>\textpertenthousand</code> . . . . .	5647	<code>\textSFiii</code> . . . . .	2258, 2466, 2634, 2789, 3002, 3245, 3404, 4341, 5429
<code>\textperthousand</code> . . . . .	3524, 3692, 3888, 4076, 5026, 5193, 5648	<code>\textSFiv</code> . . . . .	2284, 2492, 2660, 2815, 3028, 3271, 3430, 4343, 5431
<code>\textpeseta</code> . . . . .	2156, 2225, 3146, 3212, 5403	<code>\textSFix</code> . . . . .	2247, 2455, 2623, 2778, 2991, 3234, 3393, 4345, 5433
		<code>\textSFl</code> . . . . .	2279, 3266, 3425, 4377, 5445
		<code>\textSFlI</code> . . . . .	2280, 3267, 3426, 4370, 5439
		<code>\textSFlII</code> . . . . .	2281, 3268, 3427, 4372, 5440
		<code>\textSFlIII</code> . . . . .	2282, 3269, 3428, 4397, 5464
		<code>\textSFliv</code> . . . . .	2283, 3270, 3429, 4396, 5463



<code>\textSFv</code> . . . . .	2264, 2472, 2640, 2795, 3008, 3251, 3410, 4348, 5436	2967, 3210, 3910, 4094, 4228, 4545, 4736, 4961, 5167, 5551, 5657
<code>\textSFvi</code> . . . . .	2261, 2469, 2637, 2792, 3005, 3248, 3407, 4346, 5434	<code>\textsummation</code> . . . . .
<code>\textSFvii</code> . . . . .	2260, 2468, 2636, 2791, 3004, 3247, 3406, 4347, 5435	4504, 4565, 4917, 4981, 5408, 5552
<code>\textSFviii</code> . . . . .	2262, 2470, 2638, 2793, 3006, 3249, 3408, 4344, 5432	<code>\textsurd</code> . . . . .
<code>\textSFx</code> . . . . .	2263, 2471, 2639, 2794, 3007, 3250, 3409, 4338, 5426	327, 463, 2183, 2316, 3173, 3303, 3338, 3464, 4332, 4359, 4507, 4577, 4698, 4768, 4920, 4993, 5410, 5553
<code>\textSFxi</code> . . . . .	2246, 2454, 2622, 2777, 2990, 3233, 3392, 4339, 5427	<code>\TextSymbolUnavailable</code> . . . . .
<code>\textSFxiix</code> . . . . .	2248, 3235, 3394, 4386, 5454	. . . . . 253, 265, 315, 340, 485, 488, 491, 497, 530, 651, 657, 775, 781, 784, 787, 901, 916, 922, 925, 931, 1163, 1166, 1169, 1187, 1220, 1297, 1300, 1303, 1309, 1342, 1448, 1457, 1460, 1566, 1569, 1572, 1578, 1820, 1826, 1829, 1853, 1976, 2109, 2118, 2171, 2193, 2341, 2344, 2347, 2365, 2401, 2557, 2563, 2710, 2874, 2877, 2880, 2898, 2901, 2937, 3099, 3108, 3161, 3319, 3492, 3495, 3501, 3504, 3649, 3652, 3658, 3827, 3830, 3833, 3839, 3842, 3878, 4023, 4026, 4029, 4035, 4038, 4194, 4197, 4224, 4324, 4481, 4652, 4655, 4861, 4867, 4870, 4924, 5082, 5085, 5088, 5091, 5130, 5262
<code>\textSFxli</code> . . . . .	2269, 2477, 2645, 2800, 3013, 3256, 3415, 4395, 5462	<code>\texttau</code> . . . . .
<code>\textSFxlii</code> . . . . .	2270, 2478, 2646, 2801, 3014, 3257, 3416, 4392, 5459	330, 445, 2186, 2298, 3176, 3285, 5367, 5554
<code>\textSFxliii</code> . . . . .	2271, 2479, 2647, 2802, 3015, 3258, 3417, 4385, 5453	<code>\textTheta</code> . . . . .
<code>\textSFxliv</code> . . . . .	2272, 2480, 2648, 2803, 3016, 3259, 3418, 4368, 5437	228, 447, 2096, 2300, 3086, 3287, 5357, 5555
<code>\textSFxlv</code> . . . . .	2273, 2481, 2649, 2804, 3017, 3260, 3419, 4398, 5465	<code>\textthreequarters</code> . . . . .
<code>\textSFxlvi</code> . . . . .	2274, 3261, 3420, 4393, 5460	517, 562, 1207, 1251, 1329, 1374, 1598, 1640, 2388, 2518, 2924, 3054, 3865, 3937, 4058, 4120, 5117, 5216, 5556
<code>\textSFxlvii</code> . . . . .	2275, 3262, 3421, 4394, 5461	<code>\textthreesuperior</code> . . . . .
<code>\textSFxlviii</code> . . . . .	2276, 3263, 3422, 4390, 5457	. . . . . 333, 466, 520, 551, 795, 821, 1210, 1240, 1332, 1363, 1601, 1629, 1843, 1874, 2391, 2527, 2927, 3063, 3868, 3926, 4061, 4109, 4217, 4238, 5120, 5208, 5557
<code>\textSFxlix</code> . . . . .	2277, 3264, 3423, 4391, 5458	<code>\texttimes</code> . . . . .
<code>\textSFxx</code> . . . . .	2249, 3236, 3395, 4388, 5455	523, 587, 659, 717, 798, 854, 927, 988, 1213, 1231, 1335, 1399, 1604, 1665, 1846, 1910, 2394, 2433, 2568, 2601, 2930, 2969, 3515, 3600, 3871, 3962, 4064, 4145, 5123, 5162
<code>\textSFxxi</code> . . . . .	2250, 3237, 3396, 4375, 5443	<code>\texttrademark</code> . . . . .
<code>\textSFxxii</code> . . . . .	2251, 3238, 3397, 4374, 5442	405, 3538, 3707, 3901, 4088, 4552, 4743, 4968, 5658
<code>\textSFxxiii</code> . . . . .	2252, 2460, 2628, 2783, 2996, 3239, 3398, 4389, 5456	<code>\textTstroke</code> . . . . .
<code>\textSFxxiv</code> . . . . .	2253, 2461, 2629, 2784, 2997, 3240, 3399, 4369, 5438	900, 901, 945, 1447, 1448, 1473, 5312
<code>\textSFxxv</code> . . . . .	2254, 2462, 2630, 2785, 2998, 3241, 3400, 4376, 5444	<code>\texttstroke</code> . . . . .
<code>\textSFxxvi</code> . . . . .	2255, 2463, 2631, 2786, 2999, 3242, 3401, 4382, 5450	930, 931, 961, 1459, 1460, 1489, 5313
<code>\textSFxxvii</code> . . . . .	2256, 3243, 3402, 4381, 5449	<code>\texttwosuperior</code> . . . . .
<code>\textSFxxviii</code> . . . . .	2257, 3244, 3403, 4380, 5448	336, 465, 526, 550, 801, 820, 1216, 1239, 1338, 1362, 1607, 1628, 1849, 1873, 2189, 2318, 2397, 2528, 2933, 3064, 3179, 3305, 3874, 3925, 4067, 4108, 4220, 4237, 4335, 4365, 5126, 5205, 5558
<code>\textSFxxix</code> . . . . .	2268, 2476, 2644, 2799, 3012, 3255, 3414, 4373, 5441	<code>\textunderscore</code> . . . . .
<code>\textSFxxxvi</code> . . . . .	2265, 3252, 3411, 4383, 5451	1173, 1176,
<code>\textSFxxxvii</code> . . . . .	2266, 3253, 3412, 4384, 5452	
<code>\textSFxxxviii</code> . . . . .	2267, 2475, 2643, 2798, 3011, 3254, 3413, 4379, 5447	
<code>\textshade</code> . . . . .	2244, 2452, 2620, 2775, 2988, 3231, 3390, 4355, 5472	
<code>\textSigma</code> . . . . .	225, 442, 2093, 2295, 3083, 3282, 5358, 5549	
<code>\textsigma</code> . . . . .	324, 443, 2180, 2296, 3170, 3283, 5366, 5550	
<code>\textsterling</code> . . . . .	370, 535, 807, 1224, 1347, 1613, 1716, 1858, 2223, 2431,	

1178, 1180, 2351, 2354, 2356, 2358, 2884, 2887, 2889, 2891, 5659	<b>V</b>
<code>\textuparrow</code> . . . . . 5559	<code>\v</code> . . . . . 645, 667, 671, 673, 676, 683, 687, 689, 692, 702, 706, 709, 712, 718, 734, 738, 741, 744, 750, 907, 942, 947, 958, 960, 963, 973, 1005, 1472, 1474, 1481, 1488, 1490, 1502, 1534, 1650, 1658, 1672, 1682, 1686, 1690, 1704, 1861, 1863, 1875, 1879, 1987, 1989, 1999, 2001, 2005, 2006, 2548, 2592, 2593, 2598, 2599, 2602, 2609, 2610, 2615, 2626, 2653, 2655, 2656, 2659, 2672, 2673, 2674, 2695, 2696, 3486, 3525, 3528, 3529, 3539, 3542, 3543, 3573, 3575, 3585, 3589, 3592, 3595, 3601, 3617, 3621, 3624, 3627, 3633, 3889, 3892, 3902, 3905, 4014, 4130, 4138, 4152, 4162, 4166, 4170, 4184, 4472, 4519, 4521, 4527, 4529, 4539, 4540, 4556, 4569, 4570, 4579, 4585, 4601, 4604, 4607, 4610, 4614, 4615, 4617, 4618, 4852, 5070, 5286, 5663
<code>\textupblock</code> . . . . 2290, 2498, 2666, 2821, 3034, 3277, 3436, 4349, 5466	<code>\varepsilon</code> . . . . . 2121, 3111, 5510
<code>\textvisiblespace</code> . . . . . 5660	<code>\Vert</code> . . . . . 5498
<code>\textyen</code> . . 339, 340, 371, 529, 530, 537, 1219, 1220, 1226, 1341, 1342, 1349, 1852, 1853, 1860, 2192, 2193, 2224, 2400, 2401, 2465, 2936, 2937, 3001, 3877, 3878, 3912, 4223, 4224, 4229, 4923, 4924, 4978, 5129, 5130, 5169	<code>\vrule</code> . . . . . 2106, 2338, 2554, 2707, 2871, 3096, 3316, 4318
<code>\TH</code> . . . . . 594, 1524, 1917, 2507, 3043, 3969, 5160, 5593	<b>Z</b>
<code>\th</code> . . . . . 626, 1556, 1949, 2506, 3042, 4001, 5256, 5661	<code>\z@</code> . 1040, 1965, 2716, 3328, 3670, 4685
<code>\the</code> . . 214, 473, 633, 763, 898, 1034, 1151, 1285, 1445, 1563, 1711, 1814, 1956, 2082, 2326, 2536, 2704, 2859, 3072, 3313, 3474, 3646, 3815, 4008, 4191, 4312, 4469, 4643, 4834, 5058, 5486, 5493	
<code>\Theta</code> . . . . . 229, 2097, 3087, 5555	
<code>\times</code> . . . . . 524, 660, 799, 928, 1214, 1336, 1605, 1847, 2395, 2569, 2931, 3516, 3872, 4065, 5124	
<b>U</b>	
<code>\u</code> 642, 697, 729, 769, 814, 829, 860, 890, 1392, 1424, 2016, 2048, 2545, 2641, 2642, 3483, 3580, 3612, 4849, 5067, 5318, 5319, 5662	
<code>\uparrow</code> . . . . . 5559	