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The Unicode Codepoints and IDNA draft-faltstrom-idnabis-tables-05.txt

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Abstract

This document specifies rules for deciding whether a codepoint, considered in isolation, is a candidate for inclusion in an Internationalized Domain Name.
It is part of the specification of IDNA200X.

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1. Introduction

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[RFC 4690 \(Klensin, J., Faltstrom, P., and Karp, C., "Review and Recommendations for Internationalized Domain Names \(IDNs\)," September 2006.\)](#) [RFC4690] suggests an inclusion based approach for selecting the codepoints from [The Unicode Standard \(The Unicode Consortium, "The Unicode Standard, Version 5.0," 2007.\)](#) [Unicode5] that should be included in the list of codepoints that may be used in Internationalized Domain Names. Specifically, [RFC 4690 \(Klensin, J., Faltstrom, P., and Karp, C., "Review and Recommendations for Internationalized Domain Names \(IDNs\)," September 2006.\)](#) [RFC4690] says the following:

The IAB has concluded that there is a consensus within the broader community that lists of code points should be specified by the use of an inclusion-based mechanism (i.e., identifying the characters that are permitted), rather than by excluding a small number of characters from the total Unicode set as [Stringprep \(Hoffman, P. and M. Blanchet, "Preparation of Internationalized Strings \("stringprep"\)," December 2002.\)](#) [RFC3454] and [Nameprep \(Hoffman, P. and M. Blanchet, "Nameprep: A Stringprep Profile for](#)

[Internationalized Domain Names \(IDN\)," March 2003.\)](#) [RFC3491] do today. That conclusion should be reviewed by the IETF community and action taken as appropriate.

This document reviews and classifies the collections of codepoints in the Unicode character set by examining various properties of the codepoints. It then defines an algorithm for determining a derived property value. It specifies a procedure and not a table of codepoints so that the algorithm can be used to determine code point sets independent of the version of Unicode that is in use.

This document is not intended to specify precisely how these property values are to be applied in IDN labels. That information appears in [\[IDNA200X-protocol\] \(Klensin, J., "Internationalizing Domain Names in Applications \(IDNA\): Protocol," January 2007.\)](#), but it is important to understand that the assignment of a value of this property to a particular character is not sufficient to determine whether it can be used in a given label. In particular, some combinations of allowed codepoints are not advisable for use in IDNs due to rules specific to a script or class of characters. The requirement for such rules is linked to the operations in [\[IDNA200X-protocol\] \(Klensin, J., "Internationalizing Domain Names in Applications \(IDNA\): Protocol," January 2007.\)](#) and especially to the characters designated as requiring contextual rules.

The value of the property is to be interpreted approximately as follows.

***PROTOCOL VALID:** Those that are allowed to be used in IDNs. Codepoints with this property value are permitted for general use in IDNs. That a label consists only of codepoints that have this property value does though not imply the label can be used in DNS. See [\[IDNA200X-protocol\] \(Klensin, J., "Internationalizing Domain Names in Applications \(IDNA\): Protocol," January 2007.\)](#) for algorithm for how to make decisions on domain names. The abbreviated term PVALID is used to refer to this value in the rest of this document.

***CONTEXTUAL RULE REQUIRED:** Some characteristics of the character, such as it being invisible in certain contexts or problematic in others, requires that it not be used in labels unless specific other characters or properties are present. The abbreviated term CONTEXT is used to refer to this value in the rest of this document. There are two subdivisions of CONTEXTUAL RULE REQUIRED, one for Join_controls (called CONTEXTJ) and and for other characters (called CONTEXT0). These are discussed in more detail below and in [\[IDNA200X-protocol\] \(Klensin, J., "Internationalizing Domain Names in Applications \(IDNA\): Protocol," January 2007.\)](#).

*DISALLOWED: Those that should clearly not be included in IDNs. Codepoints with this property value will never be permitted in IDNs.

*UNASSIGNED: Those codepoints that are unassigned in the Unicode Standard.

The (non-normative) table in Appendix A is derived from data in Unicode 5.0, rather than the earlier Unicode 3.2; this in order to take advantage of the expanded character repertoire and better definitions in the newer version. The mechanisms described here allow determination of the value of the property for future versions of Unicode (including characters added after Unicode 5.0). It should be suitable for newer revisions of Unicode, as long as the Unicode properties on which it is based remain stable.

The table is expected to be updated to Unicode 5.1 before publication of this document.

Some codepoints need to be allowed in exceptional circumstances, but should be excluded in all other cases; these rules are also described in other documents. The most notable of these are the ZERO WIDTH JOINER (U+200D) and ZERO WIDTH NON-JOINER (U+200C). Both of them have the derived property value CONTEXTJ. A character with the derived property value CONTEXTJ or CONTEXTO (CONTEXTUAL RULE REQUIRED) is not be used unless an appropriate rule has been established and the context of the character is consistent with that rule. It is invalid to either register a string containing these characters or even to look one up unless such contextual rule is found and satisfied. Please see Appendix A, The Contextual Rules Registry, in [\[IDNA200X-rationale\] \(Klensin, J., Ed., "Internationalizing Domain Names for Applications \(IDNA\): Issues, Explanation, and Rationale," January 2008.\)](#) for more information.

This document is part of a series that, together, constitute a preliminary proposal for updating the IDNA standards to resolve issues uncovered in recent years, cover a broader range of scripts, and provide for migration to newer versions of Unicode. See [\[IDNA200X-rationale\] \(Klensin, J., Ed., "Internationalizing Domain Names for Applications \(IDNA\): Issues, Explanation, and Rationale," January 2008.\)](#) for a broader discussion.

2. Category definitions Used to Calculate Derived Property Value

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2.1. Categories Based on Unicode Properties

The derived property obtains its value based on a two step procedure. First, characters are placed in one or more character categories based on core properties defined by the Unicode Standard. These categories are not mutually exclusive.

In the second step, set operations are used with these categories to determine the values for an IDN-specific property. Those operations are specified in [Section 3 \(Calculation of the Derived Property\)](#).

In many cases aliases are used in the data in the Unicode Standard. This document uses both the alias and the spelled out terms (for example alias Ll for the General Category Lowercase_Letter).

2.1.1. Category A - General Categories Allowed

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A: `generalCategory(cp)` is in {Ll, Lu, Lo, Nd, Lm, Mn, Mc}

These rules identify characters commonly used in mnemonics and often informally described as "language characters". In general, only codepoints assigned to this category are suitable for use in IDN. The categories used in this rule are:

*Ll - Lowercase_Letter

*Lu - Uppercase_Letter

*Lo - Other_Letter

*Nd - Decimal_Number

*Lm - Modifier_Letter

*Mn - Nonspacing_Mark

*Mc - Spacing_Mark

2.1.2. Category B - Normalization and Casefolding

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B: `toNFKC(toCaseFolded(toNFKC(cp))) != cp`

The category is used to group the characters that are not stable under NFKC normalization and casefolding. In general, these codepoints are not suitable for use for IDN.

2.1.3. Category C - Properties to ignore

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C: `property(cp)` is in {`Default_Ignorable_Code_Point`, `White_Space`, `Noncharacter_Code_Point`}

This category is used to group codepoints that are not recommended for use in identifiers. In general, these codepoints are not suitable for use for IDN.

The definition for `Default_Ignorable_Code_Point` can be found in [DerivedCoreProperties.txt](#) (and [erratum of 2007-January-25](#)) and is

`Other_Default_Ignorable_Code_Point` + `Cf` + `Cc` + `Cs`
+ `Noncharacter_Code_Point` + `Variation_Selector`
- `White_Space` - FFF9..FFFB (Annotation Characters)

2.1.4. Category D - Blocks of Characters

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D: `block(cp)` in {`Combining_Diacritical_Marks_for_Symbols`,
`Musical_Symbols`, `Ancient_Greek_Musical_Notation`,
`Private_Use_Area`}

This category rule is used to identifying codepoints that are not useful in mnemonics or that are otherwise impractical for IDN use. In general, these codepoints are not suitable for use for IDN.

2.2. Other Categories

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2.2.1. Category E - ASCII LDH

E: cp is in {002D, 0030..0039, 0061..007A}

This category is used in the second step to preserve the traditional "hostname" (LDH) characters ('-', 0-9 and a-z). In general, these codepoints are suitable for use for IDN. Note that the codepoint 0x002D (HYPHEN-MINUS) is also in [Category F \(Category F - Exceptions\)](#). It is kept in this category of LDH characters because of clarity although it will never match. This because one can see in [Section 3 \(Calculation of the Derived Property\)](#), [Category F \(Category F - Exceptions\)](#) overrides what [this category \(Category E - ASCII LDH\)](#) specifies.

2.2.2. Category F - Exceptions

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F: cp in {002D, 00B7, 02B9, 0375, 0483, 05F3, 05F4, 3005, 3007, 303B, 30FB}

This category explicitly lists codepoints for which the category cannot be assigned using only the core property values that exist in the Unicode standard. The values are according to the table below:

002D; CONTEXT0	# HYPHEN-MINUS
00B7; CONTEXT0	# MIDDLE DOT
02B9; CONTEXT0	# MODIFIER LETTER PRIME
0375; CONTEXT0	# GREEK LOWER NUMERAL SIGN (KERAIA)
0483; CONTEXT0	# COMBINING CYRILLIC TILTO
05F3; CONTEXT0	# HEBREW PUNCTUATION GERESH
05F4; CONTEXT0	# HEBREW PUNCTUATION GERSHAYIM
3005; CONTEXT0	# IDEOGRAPHIC ITERATION MARK
3007; PVALID	# IDEOGRAPHIC NUMBER ZERO
303B; CONTEXT0	# VERTICAL IDEOGRAPHIC ITERATION MARK
30FB; CONTEXT0	# KATAKANA MIDDLE DOT

The characters 02B9, 0375 and 0483 are used in different scripts to indicate that an adjacent letter is being used with a numeric value.

2.2.3. Category G - Backward compatibility

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G: cp in {}

This category includes the codepoints that property values in versions of Unicode after 5.0 have changed in such a way that the derived property value would no longer be PVALID or DISALLOWED. As the requirement is that codepoints having either of these derived values MUST NOT have those changed, this category is added, but initially the set of codepoints is empty.

2.2.4. Category H - Require extended special treatment in Lookup and Resolution

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H: `property(cp)` is in `{Join_Control}`

This category consists of Join Control characters (i.e., they are not in [Category A \(Category A - General Categories Allowed\)](#)) but are still required in IDN labels under some circumstances.

2.2.5. Category I - Require special treatment in Lookup and extended special treatment in Resolution

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I: `generalCategory(cp)` is in `{Cf}`

This category consists of non-language characters (i.e., those not in [Category A \(Category A - General Categories Allowed\)](#)) but are still required in IDN labels under some circumstances.

2.2.6. Category J - Unassigned codepoints

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J: `cp` is unassigned

This category consists of codepoints in the Unicode character set that are not (yet) assigned.

3. Calculation of the Derived Property

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As described above ([Section 1 \(Introduction\)](#)) and in more detail in the ["IDNA Protocol" document \(Klensin, J., "Internationalizing Domain](#)

[Names in Applications \(IDNA\): Protocol," January 2007.\)](#)

[IDNA200X-protocol], possible values of the IDN property are:

*PVALID

*CONTEXTJ

*CONTEXT0

*DISALLOWED

*UNASSIGNED

The algorithm to calculate the value of the derived property is as follows.

*If the codepoint is in [Category F \(Category F - Exceptions\)](#), the value is according to the table in [Section 2.2.2 \(Category F - Exceptions\)](#).

*If the codepoint is in [Category G \(Category G - Backward compatibility\)](#), the value is according to the table in [Section 2.2.3 \(Category G - Backward compatibility\)](#).

*If the codepoint is in [Category E \(Category E - ASCII LDH\)](#), the value is PVALID.

*If the codepoint is in [Category H \(Category H - Require extended special treatment in Lookup and Resolution\)](#), the value is CONTEXTJ.

*If the codepoint is in [Category I \(Category I - Require special treatment in Lookup and extended special treatment in Resolution\)](#), the value is CONTEXT0.

*If the codepoint is in [Category B \(Category B - Normalization and Casefolding\)](#), the value is DISALLOWED.

*If the codepoint is in [Category C \(Category C - Properties to ignore\)](#), the value is DISALLOWED.

*If the codepoint is in [Category D \(Category D - Blocks of Characters\)](#), the value is DISALLOWED.

*If the codepoint is in [Category J \(Category J - Unassigned codepoints\)](#), the value is UNASSIGNED.

*If the codepoint is in [Category A \(Category A - General Categories Allowed\)](#), the value is PVALID.

*If the codepoint is not in [Category A \(Category A - General Categories Allowed\)](#), the value is DISALLOWED.

4. Codepoints

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The Categories and Rules defined in [Section 2 \(Category definitions Used to Calculate Derived Property Value\)](#) and [Section 3 \(Calculation of the Derived Property\)](#) apply to all assigned Unicode characters. The table in [Appendix A \(Codepoints 0x0000 - 0x10FFFD\)](#) shows, for illustrative purposes, the consequences of the categories and classification rules, and the resulting property values.

The list of codepoints that can be found in [Appendix A \(Codepoints 0x0000 - 0x10FFFD\)](#) is non-normative. [Section 2 \(Category definitions Used to Calculate Derived Property Value\)](#) and [Section 3 \(Calculation of the Derived Property\)](#) are normative.

5. IANA Considerations

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IANA is to keep a list of the derived property for the versions of Unicode that is released after (and including) version 5.0. The derived property value is to be calculated according to the specifications in sections [Section 2 \(Category definitions Used to Calculate Derived Property Value\)](#) and [Section 3 \(Calculation of the Derived Property\)](#) and not by copying the non-normative table found in [Appendix A \(Codepoints 0x0000 - 0x10FFFD\)](#). If needed, IANA should (with the help of an appointed expert) suggest updates of this RFC where [Category G \(Category G - Backward compatibility\)](#) is updated, a set that is at release of this document is empty.

6. Security Considerations

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The security issues associated with this work are discussed in [\[IDNA200X-rationale\]](#) (Klensin, J., Ed., "Internationalizing Domain Names for Applications (IDNA): Issues, Explanation, and Rationale," January 2008.) and [\[IDNA200X-protocol\]](#) (Klensin, J., "Internationalizing Domain Names in Applications (IDNA): Protocol," January 2007.).

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7. Contributors

While the listed editor held the pen, this document represents the joint work and conclusions of an ad hoc design team. In addition to the editor this consisted of, Harald Alvestrand, Tina Dam, Cary Karp, and John Klensin.

8. Acknowledgements

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This document would not have been possible to produce without input from many people. The main contributors are (in alphabetical order) Harald Alvestrand, Vint Cerf, Tina Dam, Mark Davis, Mouhammet Diop, Michael Everson, Asmus Freytag, Debbie Garside, Paul Hoffman, Cary Karp, John Klensin, Olaf Kolkman, Lisa Moore, Yngve Pettersen, Erik van der Poel, Hualin Qian, Rick Reed, Michel Suignard and Kenneth Whistler.

9. References

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9.1. Normative References

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[RFC4690]	Klensin, J., Faltstrom, P., and Karp, C., " Review and Recommendations for Internationalized Domain Names (IDNs) ," RFC 4690, September 2006 (TXT).
[Unicode5]	The Unicode Consortium, "The Unicode Standard, Version 5.0," Boston, MA, Addison-Wesley ISBN 0-321-48091-0, 2007.

9.2. Informative References

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[IDNA200X-Bidi]	Alvestrand, H. and C. Karp, " An IDNA problem in right-to-left scripts ," Jan 2008.
[IDNA200X-protocol]	Klensin, J., "Internationalizing Domain Names in Applications (IDNA): Protocol ," January 2007.
[IDNA200X-rationale]	Klensin, J., Ed., " Internationalizing Domain Names for Applications (IDNA): Issues, Explanation, and Rationale ," January 2008.
[RFC1035]	Mockapetris, P., " Domain names - implementation and specification ," STD 13, RFC 1035, November 1987 (TXT).
[RFC3454]	

	Hoffman, P. and M. Blanchet, " Preparation of Internationalized Strings ("stringprep") ," RFC 3454, December 2002 (TXT).
[RFC3491]	Hoffman, P. and M. Blanchet, " Nameprep: A Stringprep Profile for Internationalized Domain Names (IDN) ," RFC 3491, March 2003 (TXT).
[RFC4713]	Lee, X., Mao, W., Chen, E., Hsu, N., and J. Klensin, " Registration and Administration Recommendations for Chinese Domain Names ," RFC 4713, October 2006 (TXT).

Appendix A. Codepoints 0x0000 - 0x10FFFD

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If one apply [the rules \(Calculation of the Derived Property\)](#) to the codepoints 0x0000 to 0x10FFFD, the result is as follows.
This list is non-normative, as explained in [Section 4 \(Codepoints\)](#), and only included for illustrative purposes.

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A.1. Codepoints in Unicode Character Database (UCD) format

0000..002C	; DISALLOWED	# <control>..COMMA
002D	; CONTEXT0	# HYPHEN-MINUS
002E..002F	; DISALLOWED	# FULL STOP..SOLIDUS
0030..0039	; PVALID	# DIGIT ZERO..DIGIT NINE
003A..0060	; DISALLOWED	# COLON..GRAVE ACCENT
0061..007A	; PVALID	# LATIN SMALL LETTER A..LATIN SMALL LETTER Z
007B..00AC	; DISALLOWED	# LEFT CURLY BRACKET..NOT SIGN
00AD	; CONTEXT0	# SOFT HYPHEN
00AE..00B6	; DISALLOWED	# REGISTERED SIGN..PILCROW SIGN
00B7	; CONTEXT0	# MIDDLE DOT
00B8..00DF	; DISALLOWED	# CEDILLA..LATIN SMALL LETTER SHARP S
00E0..00F6	; PVALID	# LATIN SMALL LETTER A WITH GRAVE..LATIN SMALL
00F7	; DISALLOWED	# DIVISION SIGN
00F8..00FF	; PVALID	# LATIN SMALL LETTER O WITH STROKE..LATIN SMAL
0100	; DISALLOWED	# LATIN CAPITAL LETTER A WITH MACRON
0101	; PVALID	# LATIN SMALL LETTER A WITH MACRON
0102	; DISALLOWED	# LATIN CAPITAL LETTER A WITH BREVE
0103	; PVALID	# LATIN SMALL LETTER A WITH BREVE
0104	; DISALLOWED	# LATIN CAPITAL LETTER A WITH OGONEK
0105	; PVALID	# LATIN SMALL LETTER A WITH OGONEK
0106	; DISALLOWED	# LATIN CAPITAL LETTER C WITH ACUTE
0107	; PVALID	# LATIN SMALL LETTER C WITH ACUTE
0108	; DISALLOWED	# LATIN CAPITAL LETTER C WITH CIRCUMFLEX
0109	; PVALID	# LATIN SMALL LETTER C WITH CIRCUMFLEX
010A	; DISALLOWED	# LATIN CAPITAL LETTER C WITH DOT ABOVE
010B	; PVALID	# LATIN SMALL LETTER C WITH DOT ABOVE
010C	; DISALLOWED	# LATIN CAPITAL LETTER C WITH CARON
010D	; PVALID	# LATIN SMALL LETTER C WITH CARON
010E	; DISALLOWED	# LATIN CAPITAL LETTER D WITH CARON
010F	; PVALID	# LATIN SMALL LETTER D WITH CARON
0110	; DISALLOWED	# LATIN CAPITAL LETTER D WITH STROKE
0111	; PVALID	# LATIN SMALL LETTER D WITH STROKE
0112	; DISALLOWED	# LATIN CAPITAL LETTER E WITH MACRON
0113	; PVALID	# LATIN SMALL LETTER E WITH MACRON
0114	; DISALLOWED	# LATIN CAPITAL LETTER E WITH BREVE
0115	; PVALID	# LATIN SMALL LETTER E WITH BREVE
0116	; DISALLOWED	# LATIN CAPITAL LETTER E WITH DOT ABOVE
0117	; PVALID	# LATIN SMALL LETTER E WITH DOT ABOVE
0118	; DISALLOWED	# LATIN CAPITAL LETTER E WITH OGONEK
0119	; PVALID	# LATIN SMALL LETTER E WITH OGONEK
011A	; DISALLOWED	# LATIN CAPITAL LETTER E WITH CARON
011B	; PVALID	# LATIN SMALL LETTER E WITH CARON
011C	; DISALLOWED	# LATIN CAPITAL LETTER G WITH CIRCUMFLEX
011D	; PVALID	# LATIN SMALL LETTER G WITH CIRCUMFLEX
011E	; DISALLOWED	# LATIN CAPITAL LETTER G WITH BREVE
011F	; PVALID	# LATIN SMALL LETTER G WITH BREVE
0120	; DISALLOWED	# LATIN CAPITAL LETTER G WITH DOT ABOVE
0121	; PVALID	# LATIN SMALL LETTER G WITH DOT ABOVE

0122	; DISALLOWED	# LATIN CAPITAL LETTER G WITH CEDILLA
0123	; PVALID	# LATIN SMALL LETTER G WITH CEDILLA
0124	; DISALLOWED	# LATIN CAPITAL LETTER H WITH CIRCUMFLEX
0125	; PVALID	# LATIN SMALL LETTER H WITH CIRCUMFLEX
0126	; DISALLOWED	# LATIN CAPITAL LETTER H WITH STROKE
0127	; PVALID	# LATIN SMALL LETTER H WITH STROKE
0128	; DISALLOWED	# LATIN CAPITAL LETTER I WITH TILDE
0129	; PVALID	# LATIN SMALL LETTER I WITH TILDE
012A	; DISALLOWED	# LATIN CAPITAL LETTER I WITH MACRON
012B	; PVALID	# LATIN SMALL LETTER I WITH MACRON
012C	; DISALLOWED	# LATIN CAPITAL LETTER I WITH BREVE
012D	; PVALID	# LATIN SMALL LETTER I WITH BREVE
012E	; DISALLOWED	# LATIN CAPITAL LETTER I WITH OGONEK
012F	; PVALID	# LATIN SMALL LETTER I WITH OGONEK
0130	; DISALLOWED	# LATIN CAPITAL LETTER I WITH DOT ABOVE
0131	; PVALID	# LATIN SMALL LETTER DOTLESS I
0132..0134	; DISALLOWED	# LATIN CAPITAL LIGATURE IJ..LATIN CAPITAL LET
0135	; PVALID	# LATIN SMALL LETTER J WITH CIRCUMFLEX
0136	; DISALLOWED	# LATIN CAPITAL LETTER K WITH CEDILLA
0137..0138	; PVALID	# LATIN SMALL LETTER K WITH CEDILLA..LATIN SMA
0139	; DISALLOWED	# LATIN CAPITAL LETTER L WITH ACUTE
013A	; PVALID	# LATIN SMALL LETTER L WITH ACUTE
013B	; DISALLOWED	# LATIN CAPITAL LETTER L WITH CEDILLA
013C	; PVALID	# LATIN SMALL LETTER L WITH CEDILLA
013D	; DISALLOWED	# LATIN CAPITAL LETTER L WITH CARON
013E	; PVALID	# LATIN SMALL LETTER L WITH CARON
013F..0141	; DISALLOWED	# LATIN CAPITAL LETTER L WITH MIDDLE DOT..LATI
0142	; PVALID	# LATIN SMALL LETTER L WITH STROKE
0143	; DISALLOWED	# LATIN CAPITAL LETTER N WITH ACUTE
0144	; PVALID	# LATIN SMALL LETTER N WITH ACUTE
0145	; DISALLOWED	# LATIN CAPITAL LETTER N WITH CEDILLA
0146	; PVALID	# LATIN SMALL LETTER N WITH CEDILLA
0147	; DISALLOWED	# LATIN CAPITAL LETTER N WITH CARON
0148	; PVALID	# LATIN SMALL LETTER N WITH CARON
0149..014A	; DISALLOWED	# LATIN SMALL LETTER N PRECEDED BY APOSTROPHE.
014B	; PVALID	# LATIN SMALL LETTER ENG
014C	; DISALLOWED	# LATIN CAPITAL LETTER O WITH MACRON
014D	; PVALID	# LATIN SMALL LETTER O WITH MACRON
014E	; DISALLOWED	# LATIN CAPITAL LETTER O WITH BREVE
014F	; PVALID	# LATIN SMALL LETTER O WITH BREVE
0150	; DISALLOWED	# LATIN CAPITAL LETTER O WITH DOUBLE ACUTE
0151	; PVALID	# LATIN SMALL LETTER O WITH DOUBLE ACUTE
0152	; DISALLOWED	# LATIN CAPITAL LIGATURE OE
0153	; PVALID	# LATIN SMALL LIGATURE OE
0154	; DISALLOWED	# LATIN CAPITAL LETTER R WITH ACUTE
0155	; PVALID	# LATIN SMALL LETTER R WITH ACUTE
0156	; DISALLOWED	# LATIN CAPITAL LETTER R WITH CEDILLA
0157	; PVALID	# LATIN SMALL LETTER R WITH CEDILLA
0158	; DISALLOWED	# LATIN CAPITAL LETTER R WITH CARON

0159	; PVALID	# LATIN SMALL LETTER R WITH CARON
015A	; DISALLOWED	# LATIN CAPITAL LETTER S WITH ACUTE
015B	; PVALID	# LATIN SMALL LETTER S WITH ACUTE
015C	; DISALLOWED	# LATIN CAPITAL LETTER S WITH CIRCUMFLEX
015D	; PVALID	# LATIN SMALL LETTER S WITH CIRCUMFLEX
015E	; DISALLOWED	# LATIN CAPITAL LETTER S WITH CEDILLA
015F	; PVALID	# LATIN SMALL LETTER S WITH CEDILLA
0160	; DISALLOWED	# LATIN CAPITAL LETTER S WITH CARON
0161	; PVALID	# LATIN SMALL LETTER S WITH CARON
0162	; DISALLOWED	# LATIN CAPITAL LETTER T WITH CEDILLA
0163	; PVALID	# LATIN SMALL LETTER T WITH CEDILLA
0164	; DISALLOWED	# LATIN CAPITAL LETTER T WITH CARON
0165	; PVALID	# LATIN SMALL LETTER T WITH CARON
0166	; DISALLOWED	# LATIN CAPITAL LETTER T WITH STROKE
0167	; PVALID	# LATIN SMALL LETTER T WITH STROKE
0168	; DISALLOWED	# LATIN CAPITAL LETTER U WITH TILDE
0169	; PVALID	# LATIN SMALL LETTER U WITH TILDE
016A	; DISALLOWED	# LATIN CAPITAL LETTER U WITH MACRON
016B	; PVALID	# LATIN SMALL LETTER U WITH MACRON
016C	; DISALLOWED	# LATIN CAPITAL LETTER U WITH BREVE
016D	; PVALID	# LATIN SMALL LETTER U WITH BREVE
016E	; DISALLOWED	# LATIN CAPITAL LETTER U WITH RING ABOVE
016F	; PVALID	# LATIN SMALL LETTER U WITH RING ABOVE
0170	; DISALLOWED	# LATIN CAPITAL LETTER U WITH DOUBLE ACUTE
0171	; PVALID	# LATIN SMALL LETTER U WITH DOUBLE ACUTE
0172	; DISALLOWED	# LATIN CAPITAL LETTER U WITH OGONEK
0173	; PVALID	# LATIN SMALL LETTER U WITH OGONEK
0174	; DISALLOWED	# LATIN CAPITAL LETTER W WITH CIRCUMFLEX
0175	; PVALID	# LATIN SMALL LETTER W WITH CIRCUMFLEX
0176	; DISALLOWED	# LATIN CAPITAL LETTER Y WITH CIRCUMFLEX
0177	; PVALID	# LATIN SMALL LETTER Y WITH CIRCUMFLEX
0178..0179	; DISALLOWED	# LATIN CAPITAL LETTER Y WITH DIAERESIS..LATIN
017A	; PVALID	# LATIN SMALL LETTER Z WITH ACUTE
017B	; DISALLOWED	# LATIN CAPITAL LETTER Z WITH DOT ABOVE
017C	; PVALID	# LATIN SMALL LETTER Z WITH DOT ABOVE
017D	; DISALLOWED	# LATIN CAPITAL LETTER Z WITH CARON
017E	; PVALID	# LATIN SMALL LETTER Z WITH CARON
017F	; DISALLOWED	# LATIN SMALL LETTER LONG S
0180	; PVALID	# LATIN SMALL LETTER B WITH STROKE
0181..0182	; DISALLOWED	# LATIN CAPITAL LETTER B WITH HOOK..LATIN CAPI
0183	; PVALID	# LATIN SMALL LETTER B WITH TOPBAR
0184	; DISALLOWED	# LATIN CAPITAL LETTER TONE SIX
0185	; PVALID	# LATIN SMALL LETTER TONE SIX
0186..0187	; DISALLOWED	# LATIN CAPITAL LETTER OPEN O..LATIN CAPITAL L
0188	; PVALID	# LATIN SMALL LETTER C WITH HOOK
0189..018B	; DISALLOWED	# LATIN CAPITAL LETTER AFRICAN D..LATIN CAPITA
018C..018D	; PVALID	# LATIN SMALL LETTER D WITH TOPBAR..LATIN SMAL
018E..0191	; DISALLOWED	# LATIN CAPITAL LETTER REVERSED E..LATIN CAPIT
0192	; PVALID	# LATIN SMALL LETTER F WITH HOOK

0193..0194	; DISALLOWED	# LATIN CAPITAL LETTER G WITH HOOK..LATIN CAPI
0195	; PVALID	# LATIN SMALL LETTER HV
0196..0198	; DISALLOWED	# LATIN CAPITAL LETTER IOTA..LATIN CAPITAL LET
0199..019B	; PVALID	# LATIN SMALL LETTER K WITH HOOK..LATIN SMALL
019C..019D	; DISALLOWED	# LATIN CAPITAL LETTER TURNED M..LATIN CAPITAL
019E	; PVALID	# LATIN SMALL LETTER N WITH LONG RIGHT LEG
019F..01A0	; DISALLOWED	# LATIN CAPITAL LETTER O WITH MIDDLE TILDE..LA
01A1	; PVALID	# LATIN SMALL LETTER O WITH HORN
01A2	; DISALLOWED	# LATIN CAPITAL LETTER OI
01A3	; PVALID	# LATIN SMALL LETTER OI
01A4	; DISALLOWED	# LATIN CAPITAL LETTER P WITH HOOK
01A5	; PVALID	# LATIN SMALL LETTER P WITH HOOK
01A6..01A7	; DISALLOWED	# LATIN LETTER YR..LATIN CAPITAL LETTER TONE T
01A8	; PVALID	# LATIN SMALL LETTER TONE TWO
01A9	; DISALLOWED	# LATIN CAPITAL LETTER ESH
01AA..01AB	; PVALID	# LATIN LETTER REVERSED ESH LOOP..LATIN SMALL
01AC	; DISALLOWED	# LATIN CAPITAL LETTER T WITH HOOK
01AD	; PVALID	# LATIN SMALL LETTER T WITH HOOK
01AE..01AF	; DISALLOWED	# LATIN CAPITAL LETTER T WITH RETROFLEX HOOK..
01B0	; PVALID	# LATIN SMALL LETTER U WITH HORN
01B1..01B3	; DISALLOWED	# LATIN CAPITAL LETTER UPSILON..LATIN CAPITAL
01B4	; PVALID	# LATIN SMALL LETTER Y WITH HOOK
01B5	; DISALLOWED	# LATIN CAPITAL LETTER Z WITH STROKE
01B6	; PVALID	# LATIN SMALL LETTER Z WITH STROKE
01B7..01B8	; DISALLOWED	# LATIN CAPITAL LETTER EZH..LATIN CAPITAL LETT
01B9..01BB	; PVALID	# LATIN SMALL LETTER EZH REVERSED..LATIN LETTE
01BC	; DISALLOWED	# LATIN CAPITAL LETTER TONE FIVE
01BD..01C3	; PVALID	# LATIN SMALL LETTER TONE FIVE..LATIN LETTER R
01C4..01CD	; DISALLOWED	# LATIN CAPITAL LETTER DZ WITH CARON..LATIN CA
01CE	; PVALID	# LATIN SMALL LETTER A WITH CARON
01CF	; DISALLOWED	# LATIN CAPITAL LETTER I WITH CARON
01D0	; PVALID	# LATIN SMALL LETTER I WITH CARON
01D1	; DISALLOWED	# LATIN CAPITAL LETTER O WITH CARON
01D2	; PVALID	# LATIN SMALL LETTER O WITH CARON
01D3	; DISALLOWED	# LATIN CAPITAL LETTER U WITH CARON
01D4	; PVALID	# LATIN SMALL LETTER U WITH CARON
01D5	; DISALLOWED	# LATIN CAPITAL LETTER U WITH DIAERESIS AND MA
01D6	; PVALID	# LATIN SMALL LETTER U WITH DIAERESIS AND MACR
01D7	; DISALLOWED	# LATIN CAPITAL LETTER U WITH DIAERESIS AND AC
01D8	; PVALID	# LATIN SMALL LETTER U WITH DIAERESIS AND ACUT
01D9	; DISALLOWED	# LATIN CAPITAL LETTER U WITH DIAERESIS AND CA
01DA	; PVALID	# LATIN SMALL LETTER U WITH DIAERESIS AND CARO
01DB	; DISALLOWED	# LATIN CAPITAL LETTER U WITH DIAERESIS AND GR
01DC..01DD	; PVALID	# LATIN SMALL LETTER U WITH DIAERESIS AND GRAV
01DE	; DISALLOWED	# LATIN CAPITAL LETTER A WITH DIAERESIS AND MA
01DF	; PVALID	# LATIN SMALL LETTER A WITH DIAERESIS AND MACR
01E0	; DISALLOWED	# LATIN CAPITAL LETTER A WITH DOT ABOVE AND MA
01E1	; PVALID	# LATIN SMALL LETTER A WITH DOT ABOVE AND MACR
01E2	; DISALLOWED	# LATIN CAPITAL LETTER AE WITH MACRON

01E3	; PVALID	# LATIN SMALL LETTER AE WITH MACRON
01E4	; DISALLOWED	# LATIN CAPITAL LETTER G WITH STROKE
01E5	; PVALID	# LATIN SMALL LETTER G WITH STROKE
01E6	; DISALLOWED	# LATIN CAPITAL LETTER G WITH CARON
01E7	; PVALID	# LATIN SMALL LETTER G WITH CARON
01E8	; DISALLOWED	# LATIN CAPITAL LETTER K WITH CARON
01E9	; PVALID	# LATIN SMALL LETTER K WITH CARON
01EA	; DISALLOWED	# LATIN CAPITAL LETTER O WITH OGONEK
01EB	; PVALID	# LATIN SMALL LETTER O WITH OGONEK
01EC	; DISALLOWED	# LATIN CAPITAL LETTER O WITH OGONEK AND MACRO
01ED	; PVALID	# LATIN SMALL LETTER O WITH OGONEK AND MACRON
01EE	; DISALLOWED	# LATIN CAPITAL LETTER EZH WITH CARON
01EF..01F0	; PVALID	# LATIN SMALL LETTER EZH WITH CARON..LATIN SMA
01F1..01F4	; DISALLOWED	# LATIN CAPITAL LETTER DZ..LATIN CAPITAL LETTE
01F5	; PVALID	# LATIN SMALL LETTER G WITH ACUTE
01F6..01F8	; DISALLOWED	# LATIN CAPITAL LETTER HWAIR..LATIN CAPITAL LE
01F9	; PVALID	# LATIN SMALL LETTER N WITH GRAVE
01FA	; DISALLOWED	# LATIN CAPITAL LETTER A WITH RING ABOVE AND A
01FB	; PVALID	# LATIN SMALL LETTER A WITH RING ABOVE AND ACU
01FC	; DISALLOWED	# LATIN CAPITAL LETTER AE WITH ACUTE
01FD	; PVALID	# LATIN SMALL LETTER AE WITH ACUTE
01FE	; DISALLOWED	# LATIN CAPITAL LETTER O WITH STROKE AND ACUTE
01FF	; PVALID	# LATIN SMALL LETTER O WITH STROKE AND ACUTE
0200	; DISALLOWED	# LATIN CAPITAL LETTER A WITH DOUBLE GRAVE
0201	; PVALID	# LATIN SMALL LETTER A WITH DOUBLE GRAVE
0202	; DISALLOWED	# LATIN CAPITAL LETTER A WITH INVERTED BREVE
0203	; PVALID	# LATIN SMALL LETTER A WITH INVERTED BREVE
0204	; DISALLOWED	# LATIN CAPITAL LETTER E WITH DOUBLE GRAVE
0205	; PVALID	# LATIN SMALL LETTER E WITH DOUBLE GRAVE
0206	; DISALLOWED	# LATIN CAPITAL LETTER E WITH INVERTED BREVE
0207	; PVALID	# LATIN SMALL LETTER E WITH INVERTED BREVE
0208	; DISALLOWED	# LATIN CAPITAL LETTER I WITH DOUBLE GRAVE
0209	; PVALID	# LATIN SMALL LETTER I WITH DOUBLE GRAVE
020A	; DISALLOWED	# LATIN CAPITAL LETTER I WITH INVERTED BREVE
020B	; PVALID	# LATIN SMALL LETTER I WITH INVERTED BREVE
020C	; DISALLOWED	# LATIN CAPITAL LETTER O WITH DOUBLE GRAVE
020D	; PVALID	# LATIN SMALL LETTER O WITH DOUBLE GRAVE
020E	; DISALLOWED	# LATIN CAPITAL LETTER O WITH INVERTED BREVE
020F	; PVALID	# LATIN SMALL LETTER O WITH INVERTED BREVE
0210	; DISALLOWED	# LATIN CAPITAL LETTER R WITH DOUBLE GRAVE
0211	; PVALID	# LATIN SMALL LETTER R WITH DOUBLE GRAVE
0212	; DISALLOWED	# LATIN CAPITAL LETTER R WITH INVERTED BREVE
0213	; PVALID	# LATIN SMALL LETTER R WITH INVERTED BREVE
0214	; DISALLOWED	# LATIN CAPITAL LETTER U WITH DOUBLE GRAVE
0215	; PVALID	# LATIN SMALL LETTER U WITH DOUBLE GRAVE
0216	; DISALLOWED	# LATIN CAPITAL LETTER U WITH INVERTED BREVE
0217	; PVALID	# LATIN SMALL LETTER U WITH INVERTED BREVE
0218	; DISALLOWED	# LATIN CAPITAL LETTER S WITH COMMA BELOW
0219	; PVALID	# LATIN SMALL LETTER S WITH COMMA BELOW

021A	; DISALLOWED	# LATIN CAPITAL LETTER T WITH COMMA BELOW
021B	; PVALID	# LATIN SMALL LETTER T WITH COMMA BELOW
021C	; DISALLOWED	# LATIN CAPITAL LETTER YOGH
021D	; PVALID	# LATIN SMALL LETTER YOGH
021E	; DISALLOWED	# LATIN CAPITAL LETTER H WITH CARON
021F	; PVALID	# LATIN SMALL LETTER H WITH CARON
0220	; DISALLOWED	# LATIN CAPITAL LETTER N WITH LONG RIGHT LEG
0221	; PVALID	# LATIN SMALL LETTER D WITH CURL
0222	; DISALLOWED	# LATIN CAPITAL LETTER OU
0223	; PVALID	# LATIN SMALL LETTER OU
0224	; DISALLOWED	# LATIN CAPITAL LETTER Z WITH HOOK
0225	; PVALID	# LATIN SMALL LETTER Z WITH HOOK
0226	; DISALLOWED	# LATIN CAPITAL LETTER A WITH DOT ABOVE
0227	; PVALID	# LATIN SMALL LETTER A WITH DOT ABOVE
0228	; DISALLOWED	# LATIN CAPITAL LETTER E WITH CEDILLA
0229	; PVALID	# LATIN SMALL LETTER E WITH CEDILLA
022A	; DISALLOWED	# LATIN CAPITAL LETTER O WITH DIAERESIS AND MA
022B	; PVALID	# LATIN SMALL LETTER O WITH DIAERESIS AND MACR
022C	; DISALLOWED	# LATIN CAPITAL LETTER O WITH TILDE AND MACRON
022D	; PVALID	# LATIN SMALL LETTER O WITH TILDE AND MACRON
022E	; DISALLOWED	# LATIN CAPITAL LETTER O WITH DOT ABOVE
022F	; PVALID	# LATIN SMALL LETTER O WITH DOT ABOVE
0230	; DISALLOWED	# LATIN CAPITAL LETTER O WITH DOT ABOVE AND MA
0231	; PVALID	# LATIN SMALL LETTER O WITH DOT ABOVE AND MACR
0232	; DISALLOWED	# LATIN CAPITAL LETTER Y WITH MACRON
0233..0239	; PVALID	# LATIN SMALL LETTER Y WITH MACRON..LATIN SMAL
023A..023B	; DISALLOWED	# LATIN CAPITAL LETTER A WITH STROKE..LATIN CA
023C	; PVALID	# LATIN SMALL LETTER C WITH STROKE
023D..023E	; DISALLOWED	# LATIN CAPITAL LETTER L WITH BAR..LATIN CAPIT
023F..0240	; PVALID	# LATIN SMALL LETTER S WITH SWASH TAIL..LATIN
0241	; DISALLOWED	# LATIN CAPITAL LETTER GLOTTAL STOP
0242	; PVALID	# LATIN SMALL LETTER GLOTTAL STOP
0243..0246	; DISALLOWED	# LATIN CAPITAL LETTER B WITH STROKE..LATIN CA
0247	; PVALID	# LATIN SMALL LETTER E WITH STROKE
0248	; DISALLOWED	# LATIN CAPITAL LETTER J WITH STROKE
0249	; PVALID	# LATIN SMALL LETTER J WITH STROKE
024A	; DISALLOWED	# LATIN CAPITAL LETTER SMALL Q WITH HOOK TAIL
024B	; PVALID	# LATIN SMALL LETTER Q WITH HOOK TAIL
024C	; DISALLOWED	# LATIN CAPITAL LETTER R WITH STROKE
024D	; PVALID	# LATIN SMALL LETTER R WITH STROKE
024E	; DISALLOWED	# LATIN CAPITAL LETTER Y WITH STROKE
024F..02AF	; PVALID	# LATIN SMALL LETTER Y WITH STROKE..LATIN SMAL
02B0..02B8	; DISALLOWED	# MODIFIER LETTER SMALL H..MODIFIER LETTER SMA
02B9	; CONTEXT0	# MODIFIER LETTER PRIME
02BA..02C1	; PVALID	# MODIFIER LETTER DOUBLE PRIME..MODIFIER LETTE
02C2..02C5	; DISALLOWED	# MODIFIER LETTER LEFT ARROWHEAD..MODIFIER LET
02C6..02D1	; PVALID	# MODIFIER LETTER CIRCUMFLEX ACCENT..MODIFIER
02D2..02ED	; DISALLOWED	# MODIFIER LETTER CENTRED RIGHT HALF RING..MOD
02EE	; PVALID	# MODIFIER LETTER DOUBLE APOSTROPHE

02EF..02FF	; DISALLOWED	# MODIFIER LETTER LOW DOWN ARROWHEAD..MODIFIER
0300..033F	; PVALID	# COMBINING GRAVE ACCENT..COMBINING DOUBLE OVE
0340..0341	; DISALLOWED	# COMBINING GRAVE TONE MARK..COMBINING ACUTE T
0342	; PVALID	# COMBINING GREEK PERISPOMENI
0343..0345	; DISALLOWED	# COMBINING GREEK KORONIS..COMBINING GREEK YPO
0346..034E	; PVALID	# COMBINING BRIDGE ABOVE..COMBINING UPWARDS AR
034F	; DISALLOWED	# COMBINING GRAPHEME JOINER
0350..036F	; PVALID	# COMBINING RIGHT ARROWHEAD ABOVE..COMBINING L
0370..0373	; UNASSIGNED	# <reserved>..<reserved>
0374	; DISALLOWED	# GREEK NUMERAL SIGN
0375	; CONTEXT0	# GREEK LOWER NUMERAL SIGN
0376..0379	; UNASSIGNED	# <reserved>..<reserved>
037A	; DISALLOWED	# GREEK YPOGEGRAMMENI
037B..037D	; PVALID	# GREEK SMALL REVERSED LUNATE SIGMA SYMBOL..GR
037E	; DISALLOWED	# GREEK QUESTION MARK
037F..0383	; UNASSIGNED	# <reserved>..<reserved>
0384..038A	; DISALLOWED	# GREEK TONOS..GREEK CAPITAL LETTER IOTA WITH
038B	; UNASSIGNED	# <reserved>
038C	; DISALLOWED	# GREEK CAPITAL LETTER OMICRON WITH TONOS
038D	; UNASSIGNED	# <reserved>
038E..038F	; DISALLOWED	# GREEK CAPITAL LETTER UPSILON WITH TONOS..GRE
0390	; PVALID	# GREEK SMALL LETTER IOTA WITH DIALYTIKA AND T
0391..03A1	; DISALLOWED	# GREEK CAPITAL LETTER ALPHA..GREEK CAPITAL LE
03A2	; UNASSIGNED	# <reserved>
03A3..03AB	; DISALLOWED	# GREEK CAPITAL LETTER SIGMA..GREEK CAPITAL LE
03AC..03C1	; PVALID	# GREEK SMALL LETTER ALPHA WITH TONOS..GREEK S
03C2	; DISALLOWED	# GREEK SMALL LETTER FINAL SIGMA
03C3..03CE	; PVALID	# GREEK SMALL LETTER SIGMA..GREEK SMALL LETTER
03CF	; UNASSIGNED	# <reserved>
03D0..03D6	; DISALLOWED	# GREEK BETA SYMBOL..GREEK PI SYMBOL
03D7	; PVALID	# GREEK KAI SYMBOL
03D8	; DISALLOWED	# GREEK LETTER ARCHAIC KOPPA
03D9	; PVALID	# GREEK SMALL LETTER ARCHAIC KOPPA
03DA	; DISALLOWED	# GREEK LETTER STIGMA
03DB	; PVALID	# GREEK SMALL LETTER STIGMA
03DC	; DISALLOWED	# GREEK LETTER DIGAMMA
03DD	; PVALID	# GREEK SMALL LETTER DIGAMMA
03DE	; DISALLOWED	# GREEK LETTER KOPPA
03DF	; PVALID	# GREEK SMALL LETTER KOPPA
03E0	; DISALLOWED	# GREEK LETTER SAMPI
03E1	; PVALID	# GREEK SMALL LETTER SAMPI
03E2	; DISALLOWED	# COPTIC CAPITAL LETTER SHEI
03E3	; PVALID	# COPTIC SMALL LETTER SHEI
03E4	; DISALLOWED	# COPTIC CAPITAL LETTER FEI
03E5	; PVALID	# COPTIC SMALL LETTER FEI
03E6	; DISALLOWED	# COPTIC CAPITAL LETTER KHEI
03E7	; PVALID	# COPTIC SMALL LETTER KHEI
03E8	; DISALLOWED	# COPTIC CAPITAL LETTER HORI
03E9	; PVALID	# COPTIC SMALL LETTER HORI

03EA	; DISALLOWED	# COPTIC CAPITAL LETTER GANGIA
03EB	; PVALID	# COPTIC SMALL LETTER GANGIA
03EC	; DISALLOWED	# COPTIC CAPITAL LETTER SHIMA
03ED	; PVALID	# COPTIC SMALL LETTER SHIMA
03EE	; DISALLOWED	# COPTIC CAPITAL LETTER DEI
03EF	; PVALID	# COPTIC SMALL LETTER DEI
03F0..03F2	; DISALLOWED	# GREEK KAPPA SYMBOL..GREEK LUNATE SIGMA SYMBO
03F3	; PVALID	# GREEK LETTER YOT
03F4..03F7	; DISALLOWED	# GREEK CAPITAL THETA SYMBOL..GREEK CAPITAL LE
03F8	; PVALID	# GREEK SMALL LETTER SHO
03F9..03FA	; DISALLOWED	# GREEK CAPITAL LUNATE SIGMA SYMBOL..GREEK CAP
03FB..03FC	; PVALID	# GREEK SMALL LETTER SAN..GREEK RHO WITH STROK
03FD..042F	; DISALLOWED	# GREEK CAPITAL REVERSED LUNATE SIGMA SYMBOL..
0430..045F	; PVALID	# CYRILLIC SMALL LETTER A..CYRILLIC SMALL LETT
0460	; DISALLOWED	# CYRILLIC CAPITAL LETTER OMEGA
0461	; PVALID	# CYRILLIC SMALL LETTER OMEGA
0462	; DISALLOWED	# CYRILLIC CAPITAL LETTER YAT
0463	; PVALID	# CYRILLIC SMALL LETTER YAT
0464	; DISALLOWED	# CYRILLIC CAPITAL LETTER IOTIFIED E
0465	; PVALID	# CYRILLIC SMALL LETTER IOTIFIED E
0466	; DISALLOWED	# CYRILLIC CAPITAL LETTER LITTLE YUS
0467	; PVALID	# CYRILLIC SMALL LETTER LITTLE YUS
0468	; DISALLOWED	# CYRILLIC CAPITAL LETTER IOTIFIED LITTLE YUS
0469	; PVALID	# CYRILLIC SMALL LETTER IOTIFIED LITTLE YUS
046A	; DISALLOWED	# CYRILLIC CAPITAL LETTER BIG YUS
046B	; PVALID	# CYRILLIC SMALL LETTER BIG YUS
046C	; DISALLOWED	# CYRILLIC CAPITAL LETTER IOTIFIED BIG YUS
046D	; PVALID	# CYRILLIC SMALL LETTER IOTIFIED BIG YUS
046E	; DISALLOWED	# CYRILLIC CAPITAL LETTER KSI
046F	; PVALID	# CYRILLIC SMALL LETTER KSI
0470	; DISALLOWED	# CYRILLIC CAPITAL LETTER PSI
0471	; PVALID	# CYRILLIC SMALL LETTER PSI
0472	; DISALLOWED	# CYRILLIC CAPITAL LETTER FITA
0473	; PVALID	# CYRILLIC SMALL LETTER FITA
0474	; DISALLOWED	# CYRILLIC CAPITAL LETTER IZHITSA
0475	; PVALID	# CYRILLIC SMALL LETTER IZHITSA
0476	; DISALLOWED	# CYRILLIC CAPITAL LETTER IZHITSA WITH DOUBLE
0477	; PVALID	# CYRILLIC SMALL LETTER IZHITSA WITH DOUBLE GR
0478	; DISALLOWED	# CYRILLIC CAPITAL LETTER UK
0479	; PVALID	# CYRILLIC SMALL LETTER UK
047A	; DISALLOWED	# CYRILLIC CAPITAL LETTER ROUND OMEGA
047B	; PVALID	# CYRILLIC SMALL LETTER ROUND OMEGA
047C	; DISALLOWED	# CYRILLIC CAPITAL LETTER OMEGA WITH TITLO
047D	; PVALID	# CYRILLIC SMALL LETTER OMEGA WITH TITLO
047E	; DISALLOWED	# CYRILLIC CAPITAL LETTER OT
047F	; PVALID	# CYRILLIC SMALL LETTER OT
0480	; DISALLOWED	# CYRILLIC CAPITAL LETTER KOPPA
0481	; PVALID	# CYRILLIC SMALL LETTER KOPPA
0482	; DISALLOWED	# CYRILLIC THOUSANDS SIGN

0483	; CONTEXT0	# COMBINING CYRILLIC TITLO
0484..0486	; PVALID	# COMBINING CYRILLIC PALATALIZATION..COMBINING
0487	; UNASSIGNED	# <reserved>
0488..048A	; DISALLOWED	# COMBINING CYRILLIC HUNDRED THOUSANDS SIGN..C
048B	; PVALID	# CYRILLIC SMALL LETTER SHORT I WITH TAIL
048C	; DISALLOWED	# CYRILLIC CAPITAL LETTER SEMISOFT SIGN
048D	; PVALID	# CYRILLIC SMALL LETTER SEMISOFT SIGN
048E	; DISALLOWED	# CYRILLIC CAPITAL LETTER ER WITH TICK
048F	; PVALID	# CYRILLIC SMALL LETTER ER WITH TICK
0490	; DISALLOWED	# CYRILLIC CAPITAL LETTER GHE WITH UPTURN
0491	; PVALID	# CYRILLIC SMALL LETTER GHE WITH UPTURN
0492	; DISALLOWED	# CYRILLIC CAPITAL LETTER GHE WITH STROKE
0493	; PVALID	# CYRILLIC SMALL LETTER GHE WITH STROKE
0494	; DISALLOWED	# CYRILLIC CAPITAL LETTER GHE WITH MIDDLE HOOK
0495	; PVALID	# CYRILLIC SMALL LETTER GHE WITH MIDDLE HOOK
0496	; DISALLOWED	# CYRILLIC CAPITAL LETTER ZHE WITH DESCENDER
0497	; PVALID	# CYRILLIC SMALL LETTER ZHE WITH DESCENDER
0498	; DISALLOWED	# CYRILLIC CAPITAL LETTER ZE WITH DESCENDER
0499	; PVALID	# CYRILLIC SMALL LETTER ZE WITH DESCENDER
049A	; DISALLOWED	# CYRILLIC CAPITAL LETTER KA WITH DESCENDER
049B	; PVALID	# CYRILLIC SMALL LETTER KA WITH DESCENDER
049C	; DISALLOWED	# CYRILLIC CAPITAL LETTER KA WITH VERTICAL STR
049D	; PVALID	# CYRILLIC SMALL LETTER KA WITH VERTICAL STROK
049E	; DISALLOWED	# CYRILLIC CAPITAL LETTER KA WITH STROKE
049F	; PVALID	# CYRILLIC SMALL LETTER KA WITH STROKE
04A0	; DISALLOWED	# CYRILLIC CAPITAL LETTER BASHKIR KA
04A1	; PVALID	# CYRILLIC SMALL LETTER BASHKIR KA
04A2	; DISALLOWED	# CYRILLIC CAPITAL LETTER EN WITH DESCENDER
04A3	; PVALID	# CYRILLIC SMALL LETTER EN WITH DESCENDER
04A4	; DISALLOWED	# CYRILLIC CAPITAL LIGATURE EN GHE
04A5	; PVALID	# CYRILLIC SMALL LIGATURE EN GHE
04A6	; DISALLOWED	# CYRILLIC CAPITAL LETTER PE WITH MIDDLE HOOK
04A7	; PVALID	# CYRILLIC SMALL LETTER PE WITH MIDDLE HOOK
04A8	; DISALLOWED	# CYRILLIC CAPITAL LETTER ABKHASIAN HA
04A9	; PVALID	# CYRILLIC SMALL LETTER ABKHASIAN HA
04AA	; DISALLOWED	# CYRILLIC CAPITAL LETTER ES WITH DESCENDER
04AB	; PVALID	# CYRILLIC SMALL LETTER ES WITH DESCENDER
04AC	; DISALLOWED	# CYRILLIC CAPITAL LETTER TE WITH DESCENDER
04AD	; PVALID	# CYRILLIC SMALL LETTER TE WITH DESCENDER
04AE	; DISALLOWED	# CYRILLIC CAPITAL LETTER STRAIGHT U
04AF	; PVALID	# CYRILLIC SMALL LETTER STRAIGHT U
04B0	; DISALLOWED	# CYRILLIC CAPITAL LETTER STRAIGHT U WITH STRO
04B1	; PVALID	# CYRILLIC SMALL LETTER STRAIGHT U WITH STROKE
04B2	; DISALLOWED	# CYRILLIC CAPITAL LETTER HA WITH DESCENDER
04B3	; PVALID	# CYRILLIC SMALL LETTER HA WITH DESCENDER
04B4	; DISALLOWED	# CYRILLIC CAPITAL LIGATURE TE TSE
04B5	; PVALID	# CYRILLIC SMALL LIGATURE TE TSE
04B6	; DISALLOWED	# CYRILLIC CAPITAL LETTER CHE WITH DESCENDER
04B7	; PVALID	# CYRILLIC SMALL LETTER CHE WITH DESCENDER

04B8	; DISALLOWED	# CYRILLIC CAPITAL LETTER CHE WITH VERTICAL ST
04B9	; PVALID	# CYRILLIC SMALL LETTER CHE WITH VERTICAL STRO
04BA	; DISALLOWED	# CYRILLIC CAPITAL LETTER SHHA
04BB	; PVALID	# CYRILLIC SMALL LETTER SHHA
04BC	; DISALLOWED	# CYRILLIC CAPITAL LETTER ABKHASIAN CHE
04BD	; PVALID	# CYRILLIC SMALL LETTER ABKHASIAN CHE
04BE	; DISALLOWED	# CYRILLIC CAPITAL LETTER ABKHASIAN CHE WITH D
04BF	; PVALID	# CYRILLIC SMALL LETTER ABKHASIAN CHE WITH DES
04C0..04C1	; DISALLOWED	# CYRILLIC LETTER PALOCHKA..CYRILLIC CAPITAL L
04C2	; PVALID	# CYRILLIC SMALL LETTER ZHE WITH BREVE
04C3	; DISALLOWED	# CYRILLIC CAPITAL LETTER KA WITH HOOK
04C4	; PVALID	# CYRILLIC SMALL LETTER KA WITH HOOK
04C5	; DISALLOWED	# CYRILLIC CAPITAL LETTER EL WITH TAIL
04C6	; PVALID	# CYRILLIC SMALL LETTER EL WITH TAIL
04C7	; DISALLOWED	# CYRILLIC CAPITAL LETTER EN WITH HOOK
04C8	; PVALID	# CYRILLIC SMALL LETTER EN WITH HOOK
04C9	; DISALLOWED	# CYRILLIC CAPITAL LETTER EN WITH TAIL
04CA	; PVALID	# CYRILLIC SMALL LETTER EN WITH TAIL
04CB	; DISALLOWED	# CYRILLIC CAPITAL LETTER KHAKASSIAN CHE
04CC	; PVALID	# CYRILLIC SMALL LETTER KHAKASSIAN CHE
04CD	; DISALLOWED	# CYRILLIC CAPITAL LETTER EM WITH TAIL
04CE..04CF	; PVALID	# CYRILLIC SMALL LETTER EM WITH TAIL..CYRILLIC
04D0	; DISALLOWED	# CYRILLIC CAPITAL LETTER A WITH BREVE
04D1	; PVALID	# CYRILLIC SMALL LETTER A WITH BREVE
04D2	; DISALLOWED	# CYRILLIC CAPITAL LETTER A WITH DIAERESIS
04D3	; PVALID	# CYRILLIC SMALL LETTER A WITH DIAERESIS
04D4	; DISALLOWED	# CYRILLIC CAPITAL LIGATURE A IE
04D5	; PVALID	# CYRILLIC SMALL LIGATURE A IE
04D6	; DISALLOWED	# CYRILLIC CAPITAL LETTER IE WITH BREVE
04D7	; PVALID	# CYRILLIC SMALL LETTER IE WITH BREVE
04D8	; DISALLOWED	# CYRILLIC CAPITAL LETTER SCHWA
04D9	; PVALID	# CYRILLIC SMALL LETTER SCHWA
04DA	; DISALLOWED	# CYRILLIC CAPITAL LETTER SCHWA WITH DIAERESIS
04DB	; PVALID	# CYRILLIC SMALL LETTER SCHWA WITH DIAERESIS
04DC	; DISALLOWED	# CYRILLIC CAPITAL LETTER ZHE WITH DIAERESIS
04DD	; PVALID	# CYRILLIC SMALL LETTER ZHE WITH DIAERESIS
04DE	; DISALLOWED	# CYRILLIC CAPITAL LETTER ZE WITH DIAERESIS
04DF	; PVALID	# CYRILLIC SMALL LETTER ZE WITH DIAERESIS
04E0	; DISALLOWED	# CYRILLIC CAPITAL LETTER ABKHASIAN DZE
04E1	; PVALID	# CYRILLIC SMALL LETTER ABKHASIAN DZE
04E2	; DISALLOWED	# CYRILLIC CAPITAL LETTER I WITH MACRON
04E3	; PVALID	# CYRILLIC SMALL LETTER I WITH MACRON
04E4	; DISALLOWED	# CYRILLIC CAPITAL LETTER I WITH DIAERESIS
04E5	; PVALID	# CYRILLIC SMALL LETTER I WITH DIAERESIS
04E6	; DISALLOWED	# CYRILLIC CAPITAL LETTER O WITH DIAERESIS
04E7	; PVALID	# CYRILLIC SMALL LETTER O WITH DIAERESIS
04E8	; DISALLOWED	# CYRILLIC CAPITAL LETTER BARRED O
04E9	; PVALID	# CYRILLIC SMALL LETTER BARRED O
04EA	; DISALLOWED	# CYRILLIC CAPITAL LETTER BARRED O WITH DIAERE

04EB	; PVALID	# CYRILLIC SMALL LETTER BARRED O WITH DIAERESIS
04EC	; DISALLOWED	# CYRILLIC CAPITAL LETTER E WITH DIAERESIS
04ED	; PVALID	# CYRILLIC SMALL LETTER E WITH DIAERESIS
04EE	; DISALLOWED	# CYRILLIC CAPITAL LETTER U WITH MACRON
04EF	; PVALID	# CYRILLIC SMALL LETTER U WITH MACRON
04F0	; DISALLOWED	# CYRILLIC CAPITAL LETTER U WITH DIAERESIS
04F1	; PVALID	# CYRILLIC SMALL LETTER U WITH DIAERESIS
04F2	; DISALLOWED	# CYRILLIC CAPITAL LETTER U WITH DOUBLE ACUTE
04F3	; PVALID	# CYRILLIC SMALL LETTER U WITH DOUBLE ACUTE
04F4	; DISALLOWED	# CYRILLIC CAPITAL LETTER CHE WITH DIAERESIS
04F5	; PVALID	# CYRILLIC SMALL LETTER CHE WITH DIAERESIS
04F6	; DISALLOWED	# CYRILLIC CAPITAL LETTER GHE WITH DESCENDER
04F7	; PVALID	# CYRILLIC SMALL LETTER GHE WITH DESCENDER
04F8	; DISALLOWED	# CYRILLIC CAPITAL LETTER YERU WITH DIAERESIS
04F9	; PVALID	# CYRILLIC SMALL LETTER YERU WITH DIAERESIS
04FA	; DISALLOWED	# CYRILLIC CAPITAL LETTER GHE WITH STROKE AND
04FB	; PVALID	# CYRILLIC SMALL LETTER GHE WITH STROKE AND HO
04FC	; DISALLOWED	# CYRILLIC CAPITAL LETTER HA WITH HOOK
04FD	; PVALID	# CYRILLIC SMALL LETTER HA WITH HOOK
04FE	; DISALLOWED	# CYRILLIC CAPITAL LETTER HA WITH STROKE
04FF	; PVALID	# CYRILLIC SMALL LETTER HA WITH STROKE
0500	; DISALLOWED	# CYRILLIC CAPITAL LETTER KOMI DE
0501	; PVALID	# CYRILLIC SMALL LETTER KOMI DE
0502	; DISALLOWED	# CYRILLIC CAPITAL LETTER KOMI DJE
0503	; PVALID	# CYRILLIC SMALL LETTER KOMI DJE
0504	; DISALLOWED	# CYRILLIC CAPITAL LETTER KOMI ZJE
0505	; PVALID	# CYRILLIC SMALL LETTER KOMI ZJE
0506	; DISALLOWED	# CYRILLIC CAPITAL LETTER KOMI DZJE
0507	; PVALID	# CYRILLIC SMALL LETTER KOMI DZJE
0508	; DISALLOWED	# CYRILLIC CAPITAL LETTER KOMI LJE
0509	; PVALID	# CYRILLIC SMALL LETTER KOMI LJE
050A	; DISALLOWED	# CYRILLIC CAPITAL LETTER KOMI NJE
050B	; PVALID	# CYRILLIC SMALL LETTER KOMI NJE
050C	; DISALLOWED	# CYRILLIC CAPITAL LETTER KOMI SJE
050D	; PVALID	# CYRILLIC SMALL LETTER KOMI SJE
050E	; DISALLOWED	# CYRILLIC CAPITAL LETTER KOMI TJE
050F	; PVALID	# CYRILLIC SMALL LETTER KOMI TJE
0510	; DISALLOWED	# CYRILLIC CAPITAL LETTER REVERSED ZE
0511	; PVALID	# CYRILLIC SMALL LETTER REVERSED ZE
0512	; DISALLOWED	# CYRILLIC CAPITAL LETTER EL WITH HOOK
0513	; PVALID	# CYRILLIC SMALL LETTER EL WITH HOOK
0514..0530	; UNASSIGNED	# <reserved>..<reserved>
0531..0556	; DISALLOWED	# ARMENIAN CAPITAL LETTER AYB..ARMENIAN CAPITAL LETTER
0557..0558	; UNASSIGNED	# <reserved>..<reserved>
0559	; PVALID	# ARMENIAN MODIFIER LETTER LEFT HALF RING
055A..055F	; DISALLOWED	# ARMENIAN APOSTROPHE..ARMENIAN ABBREVIATION MARK
0560	; UNASSIGNED	# <reserved>
0561..0586	; PVALID	# ARMENIAN SMALL LETTER AYB..ARMENIAN SMALL LETTER
0587	; DISALLOWED	# ARMENIAN SMALL LIGATURE ECH YIWN

0588	; UNASSIGNED	# <reserved>
0589..058A	; DISALLOWED	# ARMENIAN FULL STOP..ARMENIAN HYPHEN
058B..0590	; UNASSIGNED	# <reserved>..<reserved>
0591..05BD	; PVALID	# HEBREW ACCENT ETNAHTA..HEBREW POINT METEG
05BE	; DISALLOWED	# HEBREW PUNCTUATION MAQAF
05BF	; PVALID	# HEBREW POINT RAFE
05C0	; DISALLOWED	# HEBREW PUNCTUATION PASEQ
05C1..05C2	; PVALID	# HEBREW POINT SHIN DOT..HEBREW POINT SIN DOT
05C3	; DISALLOWED	# HEBREW PUNCTUATION SOF PASUQ
05C4..05C5	; PVALID	# HEBREW MARK UPPER DOT..HEBREW MARK LOWER DOT
05C6	; DISALLOWED	# HEBREW PUNCTUATION NUN HAFUKHA
05C7	; PVALID	# HEBREW POINT QAMATS QATAN
05C8..05CF	; UNASSIGNED	# <reserved>..<reserved>
05D0..05EA	; PVALID	# HEBREW LETTER ALEF..HEBREW LETTER TAV
05EB..05EF	; UNASSIGNED	# <reserved>..<reserved>
05F0..05F2	; PVALID	# HEBREW LIGATURE YIDDISH DOUBLE VAV..HEBREW L
05F3..05F4	; CONTEXT0	# HEBREW PUNCTUATION GERESH..HEBREW PUNCTUATIO
05F5..05FF	; UNASSIGNED	# <reserved>..<reserved>
0600..0603	; CONTEXT0	# ARABIC NUMBER SIGN..ARABIC SIGN SAFHA
0604..060A	; UNASSIGNED	# <reserved>..<reserved>
060B..060F	; DISALLOWED	# AFGHANI SIGN..ARABIC SIGN MISRA
0610..0615	; PVALID	# ARABIC SIGN SALLALLAHOU ALAYHE WASSALLAM..AR
0616..061A	; UNASSIGNED	# <reserved>..<reserved>
061B	; DISALLOWED	# ARABIC SEMICOLON
061C..061D	; UNASSIGNED	# <reserved>..<reserved>
061E..061F	; DISALLOWED	# ARABIC TRIPLE DOT PUNCTUATION MARK..ARABIC Q
0620	; UNASSIGNED	# <reserved>
0621..063A	; PVALID	# ARABIC LETTER HAMZA..ARABIC LETTER GHAIN
063B..063F	; UNASSIGNED	# <reserved>..<reserved>
0640..065E	; PVALID	# ARABIC TATWEEL..ARABIC FATHA WITH TWO DOTS
065F	; UNASSIGNED	# <reserved>
0660..0669	; PVALID	# ARABIC-INDIC DIGIT ZERO..ARABIC-INDIC DIGIT
066A..066D	; DISALLOWED	# ARABIC PERCENT SIGN..ARABIC FIVE POINTED STA
066E..0674	; PVALID	# ARABIC LETTER DOTLESS BEH..ARABIC LETTER HIG
0675..0678	; DISALLOWED	# ARABIC LETTER HIGH HAMZA ALEF..ARABIC LETTER
0679..06D3	; PVALID	# ARABIC LETTER TTEH..ARABIC LETTER YEH BARREE
06D4	; DISALLOWED	# ARABIC FULL STOP
06D5..06DC	; PVALID	# ARABIC LETTER AE..ARABIC SMALL HIGH SEEN
06DD	; CONTEXT0	# ARABIC END OF AYAH
06DE	; DISALLOWED	# ARABIC START OF RUB EL HIZB
06DF..06E8	; PVALID	# ARABIC SMALL HIGH ROUNDED ZERO..ARABIC SMALL
06E9	; DISALLOWED	# ARABIC PLACE OF SAJDAH
06EA..06FC	; PVALID	# ARABIC EMPTY CENTRE LOW STOP..ARABIC LETTER
06FD..06FE	; DISALLOWED	# ARABIC SIGN SINDHI AMPERSAND..ARABIC SIGN SI
06FF	; PVALID	# ARABIC LETTER HEH WITH INVERTED V
0700..070D	; DISALLOWED	# SYRIAC END OF PARAGRAPH..SYRIAC HARKLEAN AST
070E	; UNASSIGNED	# <reserved>
070F	; CONTEXT0	# SYRIAC ABBREVIATION MARK
0710..074A	; PVALID	# SYRIAC LETTER ALAPH..SYRIAC BARREKH

074B..074C	; UNASSIGNED	# <reserved>..<reserved>
074D..076D	; PVALID	# SYRIAC LETTER SOGDIAN ZHAIN..ARABIC LETTER S
076E..077F	; UNASSIGNED	# <reserved>..<reserved>
0780..07B1	; PVALID	# THAANA LETTER HAA..THAANA LETTER NAA
07B2..07BF	; UNASSIGNED	# <reserved>..<reserved>
07C0..07F5	; PVALID	# NKO DIGIT ZERO..NKO LOW TONE APOSTROPHE
07F6..07F9	; DISALLOWED	# NKO SYMBOL OO DENNEN..NKO EXCLAMATION MARK
07FA	; PVALID	# NKO LAJANYALAN
07FB..0900	; UNASSIGNED	# <reserved>..<reserved>
0901..0939	; PVALID	# DEVANAGARI SIGN CANDRABINDU..DEVANAGARI LETT
093A..093B	; UNASSIGNED	# <reserved>..<reserved>
093C..094D	; PVALID	# DEVANAGARI SIGN NUKTA..DEVANAGARI SIGN VIRAM
094E..094F	; UNASSIGNED	# <reserved>..<reserved>
0950..0954	; PVALID	# DEVANAGARI OM..DEVANAGARI ACUTE ACCENT
0955..0957	; UNASSIGNED	# <reserved>..<reserved>
0958..095F	; DISALLOWED	# DEVANAGARI LETTER QA..DEVANAGARI LETTER YYA
0960..0963	; PVALID	# DEVANAGARI LETTER VOCALIC RR..DEVANAGARI VOW
0964..0965	; DISALLOWED	# DEVANAGARI DANDA..DEVANAGARI DOUBLE DANDA
0966..096F	; PVALID	# DEVANAGARI DIGIT ZERO..DEVANAGARI DIGIT NINE
0970	; DISALLOWED	# DEVANAGARI ABBREVIATION SIGN
0971..097A	; UNASSIGNED	# <reserved>..<reserved>
097B..097F	; PVALID	# DEVANAGARI LETTER GGA..DEVANAGARI LETTER BBA
0980	; UNASSIGNED	# <reserved>
0981..0983	; PVALID	# BENGALI SIGN CANDRABINDU..BENGALI SIGN VISAR
0984	; UNASSIGNED	# <reserved>
0985..098C	; PVALID	# BENGALI LETTER A..BENGALI LETTER VOCALIC L
098D..098E	; UNASSIGNED	# <reserved>..<reserved>
098F..0990	; PVALID	# BENGALI LETTER E..BENGALI LETTER AI
0991..0992	; UNASSIGNED	# <reserved>..<reserved>
0993..09A8	; PVALID	# BENGALI LETTER O..BENGALI LETTER NA
09A9	; UNASSIGNED	# <reserved>
09AA..09B0	; PVALID	# BENGALI LETTER PA..BENGALI LETTER RA
09B1	; UNASSIGNED	# <reserved>
09B2	; PVALID	# BENGALI LETTER LA
09B3..09B5	; UNASSIGNED	# <reserved>..<reserved>
09B6..09B9	; PVALID	# BENGALI LETTER SHA..BENGALI LETTER HA
09BA..09BB	; UNASSIGNED	# <reserved>..<reserved>
09BC..09C4	; PVALID	# BENGALI SIGN NUKTA..BENGALI VOWEL SIGN VOCAL
09C5..09C6	; UNASSIGNED	# <reserved>..<reserved>
09C7..09C8	; PVALID	# BENGALI VOWEL SIGN E..BENGALI VOWEL SIGN AI
09C9..09CA	; UNASSIGNED	# <reserved>..<reserved>
09CB..09CE	; PVALID	# BENGALI VOWEL SIGN O..BENGALI LETTER KHANDA
09CF..09D6	; UNASSIGNED	# <reserved>..<reserved>
09D7	; PVALID	# BENGALI AU LENGTH MARK
09D8..09DB	; UNASSIGNED	# <reserved>..<reserved>
09DC..09DD	; DISALLOWED	# BENGALI LETTER RRA..BENGALI LETTER RHA
09DE	; UNASSIGNED	# <reserved>
09DF	; DISALLOWED	# BENGALI LETTER YYA
09E0..09E3	; PVALID	# BENGALI LETTER VOCALIC RR..BENGALI VOWEL SIG

09E4..09E5	; UNASSIGNED	# <reserved>..<reserved>
09E6..09F1	; PVALID	# BENGALI DIGIT ZERO..BENGALI LETTER RA WITH L
09F2..09FA	; DISALLOWED	# BENGALI RUPEE MARK..BENGALI ISSHAR
09FB..0A00	; UNASSIGNED	# <reserved>..<reserved>
0A01..0A03	; PVALID	# GURMUKHI SIGN ADAK BINDI..GURMUKHI SIGN VISA
0A04	; UNASSIGNED	# <reserved>
0A05..0A0A	; PVALID	# GURMUKHI LETTER A..GURMUKHI LETTER UU
0A0B..0A0E	; UNASSIGNED	# <reserved>..<reserved>
0A0F..0A10	; PVALID	# GURMUKHI LETTER EE..GURMUKHI LETTER AI
0A11..0A12	; UNASSIGNED	# <reserved>..<reserved>
0A13..0A28	; PVALID	# GURMUKHI LETTER OO..GURMUKHI LETTER NA
0A29	; UNASSIGNED	# <reserved>
0A2A..0A30	; PVALID	# GURMUKHI LETTER PA..GURMUKHI LETTER RA
0A31	; UNASSIGNED	# <reserved>
0A32	; PVALID	# GURMUKHI LETTER LA
0A33	; DISALLOWED	# GURMUKHI LETTER LLA
0A34	; UNASSIGNED	# <reserved>
0A35	; PVALID	# GURMUKHI LETTER VA
0A36	; DISALLOWED	# GURMUKHI LETTER SHA
0A37	; UNASSIGNED	# <reserved>
0A38..0A39	; PVALID	# GURMUKHI LETTER SA..GURMUKHI LETTER HA
0A3A..0A3B	; UNASSIGNED	# <reserved>..<reserved>
0A3C	; PVALID	# GURMUKHI SIGN NUKTA
0A3D	; UNASSIGNED	# <reserved>
0A3E..0A42	; PVALID	# GURMUKHI VOWEL SIGN AA..GURMUKHI VOWEL SIGN
0A43..0A46	; UNASSIGNED	# <reserved>..<reserved>
0A47..0A48	; PVALID	# GURMUKHI VOWEL SIGN EE..GURMUKHI VOWEL SIGN
0A49..0A4A	; UNASSIGNED	# <reserved>..<reserved>
0A4B..0A4D	; PVALID	# GURMUKHI VOWEL SIGN OO..GURMUKHI SIGN VIRAMA
0A4E..0A58	; UNASSIGNED	# <reserved>..<reserved>
0A59..0A5B	; DISALLOWED	# GURMUKHI LETTER KHHA..GURMUKHI LETTER ZA
0A5C	; PVALID	# GURMUKHI LETTER RRA
0A5D	; UNASSIGNED	# <reserved>
0A5E	; DISALLOWED	# GURMUKHI LETTER FA
0A5F..0A65	; UNASSIGNED	# <reserved>..<reserved>
0A66..0A74	; PVALID	# GURMUKHI DIGIT ZERO..GURMUKHI EK ONKAR
0A75..0A80	; UNASSIGNED	# <reserved>..<reserved>
0A81..0A83	; PVALID	# GUJARATI SIGN CANDRABINDU..GUJARATI SIGN VIS
0A84	; UNASSIGNED	# <reserved>
0A85..0A8D	; PVALID	# GUJARATI LETTER A..GUJARATI VOWEL CANDRA E
0A8E	; UNASSIGNED	# <reserved>
0A8F..0A91	; PVALID	# GUJARATI LETTER E..GUJARATI VOWEL CANDRA O
0A92	; UNASSIGNED	# <reserved>
0A93..0AA8	; PVALID	# GUJARATI LETTER O..GUJARATI LETTER NA
0AA9	; UNASSIGNED	# <reserved>
0AAA..0AB0	; PVALID	# GUJARATI LETTER PA..GUJARATI LETTER RA
0AB1	; UNASSIGNED	# <reserved>
0AB2..0AB3	; PVALID	# GUJARATI LETTER LA..GUJARATI LETTER LLA
0AB4	; UNASSIGNED	# <reserved>

0AB5..0AB9	; PVALID	# GUJARATI LETTER VA..GUJARATI LETTER HA
0ABA..0ABB	; UNASSIGNED	# <reserved>..<reserved>
0ABC..0AC5	; PVALID	# GUJARATI SIGN NUKTA..GUJARATI VOWEL SIGN CAN
0AC6	; UNASSIGNED	# <reserved>
0AC7..0AC9	; PVALID	# GUJARATI VOWEL SIGN E..GUJARATI VOWEL SIGN C
0ACA	; UNASSIGNED	# <reserved>
0ACB..0ACD	; PVALID	# GUJARATI VOWEL SIGN O..GUJARATI SIGN VIRAMA
0ACE..0ACF	; UNASSIGNED	# <reserved>..<reserved>
0AD0	; PVALID	# GUJARATI OM
0AD1..0ADF	; UNASSIGNED	# <reserved>..<reserved>
0AE0..0AE3	; PVALID	# GUJARATI LETTER VOCALIC RR..GUJARATI VOWEL S
0AE4..0AE5	; UNASSIGNED	# <reserved>..<reserved>
0AE6..0AEF	; PVALID	# GUJARATI DIGIT ZERO..GUJARATI DIGIT NINE
0AF0	; UNASSIGNED	# <reserved>
0AF1	; DISALLOWED	# GUJARATI RUPEE SIGN
0AF2..0B00	; UNASSIGNED	# <reserved>..<reserved>
0B01..0B03	; PVALID	# ORIYA SIGN CANDRABINDU..ORIYA SIGN VISARGA
0B04	; UNASSIGNED	# <reserved>
0B05..0B0C	; PVALID	# ORIYA LETTER A..ORIYA LETTER VOCALIC L
0B0D..0B0E	; UNASSIGNED	# <reserved>..<reserved>
0B0F..0B10	; PVALID	# ORIYA LETTER E..ORIYA LETTER AI
0B11..0B12	; UNASSIGNED	# <reserved>..<reserved>
0B13..0B28	; PVALID	# ORIYA LETTER O..ORIYA LETTER NA
0B29	; UNASSIGNED	# <reserved>
0B2A..0B30	; PVALID	# ORIYA LETTER PA..ORIYA LETTER RA
0B31	; UNASSIGNED	# <reserved>
0B32..0B33	; PVALID	# ORIYA LETTER LA..ORIYA LETTER LLA
0B34	; UNASSIGNED	# <reserved>
0B35..0B39	; PVALID	# ORIYA LETTER VA..ORIYA LETTER HA
0B3A..0B3B	; UNASSIGNED	# <reserved>..<reserved>
0B3C..0B43	; PVALID	# ORIYA SIGN NUKTA..ORIYA VOWEL SIGN VOCALIC R
0B44..0B46	; UNASSIGNED	# <reserved>..<reserved>
0B47..0B48	; PVALID	# ORIYA VOWEL SIGN E..ORIYA VOWEL SIGN AI
0B49..0B4A	; UNASSIGNED	# <reserved>..<reserved>
0B4B..0B4D	; PVALID	# ORIYA VOWEL SIGN O..ORIYA SIGN VIRAMA
0B4E..0B55	; UNASSIGNED	# <reserved>..<reserved>
0B56..0B57	; PVALID	# ORIYA AI LENGTH MARK..ORIYA AU LENGTH MARK
0B58..0B5B	; UNASSIGNED	# <reserved>..<reserved>
0B5C..0B5D	; DISALLOWED	# ORIYA LETTER RRA..ORIYA LETTER RHA
0B5E	; UNASSIGNED	# <reserved>
0B5F..0B61	; PVALID	# ORIYA LETTER YYA..ORIYA LETTER VOCALIC LL
0B62..0B65	; UNASSIGNED	# <reserved>..<reserved>
0B66..0B6F	; PVALID	# ORIYA DIGIT ZERO..ORIYA DIGIT NINE
0B70	; DISALLOWED	# ORIYA ISSHAR
0B71	; PVALID	# ORIYA LETTER WA
0B72..0B81	; UNASSIGNED	# <reserved>..<reserved>
0B82..0B83	; PVALID	# TAMIL SIGN ANUSVARA..TAMIL SIGN VISARGA
0B84	; UNASSIGNED	# <reserved>
0B85..0B8A	; PVALID	# TAMIL LETTER A..TAMIL LETTER UU

0B8B..0B8D	; UNASSIGNED	# <reserved>..<reserved>
0B8E..0B90	; PVALID	# TAMIL LETTER E..TAMIL LETTER AI
0B91	; UNASSIGNED	# <reserved>
0B92..0B95	; PVALID	# TAMIL LETTER O..TAMIL LETTER KA
0B96..0B98	; UNASSIGNED	# <reserved>..<reserved>
0B99..0B9A	; PVALID	# TAMIL LETTER NGA..TAMIL LETTER CA
0B9B	; UNASSIGNED	# <reserved>
0B9C	; PVALID	# TAMIL LETTER JA
0B9D	; UNASSIGNED	# <reserved>
0B9E..0B9F	; PVALID	# TAMIL LETTER NYA..TAMIL LETTER TTA
0BA0..0BA2	; UNASSIGNED	# <reserved>..<reserved>
0BA3..0BA4	; PVALID	# TAMIL LETTER NNA..TAMIL LETTER TA
0BA5..0BA7	; UNASSIGNED	# <reserved>..<reserved>
0BA8..0BAA	; PVALID	# TAMIL LETTER NA..TAMIL LETTER PA
0BAB..0BAD	; UNASSIGNED	# <reserved>..<reserved>
0BAE..0BB9	; PVALID	# TAMIL LETTER MA..TAMIL LETTER HA
0BBA..0BBD	; UNASSIGNED	# <reserved>..<reserved>
0BBE..0BC2	; PVALID	# TAMIL VOWEL SIGN AA..TAMIL VOWEL SIGN UU
0BC3..0BC5	; UNASSIGNED	# <reserved>..<reserved>
0BC6..0BC8	; PVALID	# TAMIL VOWEL SIGN E..TAMIL VOWEL SIGN AI
0BC9	; UNASSIGNED	# <reserved>
0BCA..0BCD	; PVALID	# TAMIL VOWEL SIGN O..TAMIL SIGN VIRAMA
0BCE..0BD6	; UNASSIGNED	# <reserved>..<reserved>
0BD7	; PVALID	# TAMIL AU LENGTH MARK
0BD8..0BE5	; UNASSIGNED	# <reserved>..<reserved>
0BE6..0BEF	; PVALID	# TAMIL DIGIT ZERO..TAMIL DIGIT NINE
0BF0..0BFA	; DISALLOWED	# TAMIL NUMBER TEN..TAMIL NUMBER SIGN
0BFB..0C00	; UNASSIGNED	# <reserved>..<reserved>
0C01..0C03	; PVALID	# TELUGU SIGN CANDRABINDU..TELUGU SIGN VISARGA
0C04	; UNASSIGNED	# <reserved>
0C05..0C0C	; PVALID	# TELUGU LETTER A..TELUGU LETTER VOCALIC L
0C0D	; UNASSIGNED	# <reserved>
0C0E..0C10	; PVALID	# TELUGU LETTER E..TELUGU LETTER AI
0C11	; UNASSIGNED	# <reserved>
0C12..0C28	; PVALID	# TELUGU LETTER O..TELUGU LETTER NA
0C29	; UNASSIGNED	# <reserved>
0C2A..0C33	; PVALID	# TELUGU LETTER PA..TELUGU LETTER LLA
0C34	; UNASSIGNED	# <reserved>
0C35..0C39	; PVALID	# TELUGU LETTER VA..TELUGU LETTER HA
0C3A..0C3D	; UNASSIGNED	# <reserved>..<reserved>
0C3E..0C44	; PVALID	# TELUGU VOWEL SIGN AA..TELUGU VOWEL SIGN VOCA
0C45	; UNASSIGNED	# <reserved>
0C46..0C48	; PVALID	# TELUGU VOWEL SIGN E..TELUGU VOWEL SIGN AI
0C49	; UNASSIGNED	# <reserved>
0C4A..0C4D	; PVALID	# TELUGU VOWEL SIGN O..TELUGU SIGN VIRAMA
0C4E..0C54	; UNASSIGNED	# <reserved>..<reserved>
0C55..0C56	; PVALID	# TELUGU LENGTH MARK..TELUGU AI LENGTH MARK
0C57..0C5F	; UNASSIGNED	# <reserved>..<reserved>
0C60..0C61	; PVALID	# TELUGU LETTER VOCALIC RR..TELUGU LETTER VOCA

0C62..0C65	; UNASSIGNED	# <reserved>..<reserved>
0C66..0C6F	; PVALID	# TELUGU DIGIT ZERO..TELUGU DIGIT NINE
0C70..0C81	; UNASSIGNED	# <reserved>..<reserved>
0C82..0C83	; PVALID	# KANNADA SIGN ANUSVARA..KANNADA SIGN VISARGA
0C84	; UNASSIGNED	# <reserved>
0C85..0C8C	; PVALID	# KANNADA LETTER A..KANNADA LETTER VOCALIC L
0C8D	; UNASSIGNED	# <reserved>
0C8E..0C90	; PVALID	# KANNADA LETTER E..KANNADA LETTER AI
0C91	; UNASSIGNED	# <reserved>
0C92..0CA8	; PVALID	# KANNADA LETTER O..KANNADA LETTER NA
0CA9	; UNASSIGNED	# <reserved>
0CAA..0CB3	; PVALID	# KANNADA LETTER PA..KANNADA LETTER LLA
0CB4	; UNASSIGNED	# <reserved>
0CB5..0CB9	; PVALID	# KANNADA LETTER VA..KANNADA LETTER HA
0CBA..0CBB	; UNASSIGNED	# <reserved>..<reserved>
0CBC..0CC4	; PVALID	# KANNADA SIGN NUKTA..KANNADA VOWEL SIGN VOCAL
0CC5	; UNASSIGNED	# <reserved>
0CC6..0CC8	; PVALID	# KANNADA VOWEL SIGN E..KANNADA VOWEL SIGN AI
0CC9	; UNASSIGNED	# <reserved>
0CCA..0CCD	; PVALID	# KANNADA VOWEL SIGN O..KANNADA SIGN VIRAMA
0CCE..0CD4	; UNASSIGNED	# <reserved>..<reserved>
0CD5..0CD6	; PVALID	# KANNADA LENGTH MARK..KANNADA AI LENGTH MARK
0CD7..0CDD	; UNASSIGNED	# <reserved>..<reserved>
0CDE	; PVALID	# KANNADA LETTER FA
0CDF	; UNASSIGNED	# <reserved>
0CE0..0CE3	; PVALID	# KANNADA LETTER VOCALIC RR..KANNADA VOWEL SIG
0CE4..0CE5	; UNASSIGNED	# <reserved>..<reserved>
0CE6..0CEF	; PVALID	# KANNADA DIGIT ZERO..KANNADA DIGIT NINE
0CF0	; UNASSIGNED	# <reserved>
0CF1..0CF2	; DISALLOWED	# KANNADA SIGN JIHVAMULIYA..KANNADA SIGN UPADH
0CF3..0D01	; UNASSIGNED	# <reserved>..<reserved>
0D02..0D03	; PVALID	# MALAYALAM SIGN ANUSVARA..MALAYALAM SIGN VISA
0D04	; UNASSIGNED	# <reserved>
0D05..0D0C	; PVALID	# MALAYALAM LETTER A..MALAYALAM LETTER VOCALIC
0D0D	; UNASSIGNED	# <reserved>
0D0E..0D10	; PVALID	# MALAYALAM LETTER E..MALAYALAM LETTER AI
0D11	; UNASSIGNED	# <reserved>
0D12..0D28	; PVALID	# MALAYALAM LETTER O..MALAYALAM LETTER NA
0D29	; UNASSIGNED	# <reserved>
0D2A..0D39	; PVALID	# MALAYALAM LETTER PA..MALAYALAM LETTER HA
0D3A..0D3D	; UNASSIGNED	# <reserved>..<reserved>
0D3E..0D43	; PVALID	# MALAYALAM VOWEL SIGN AA..MALAYALAM VOWEL SIG
0D44..0D45	; UNASSIGNED	# <reserved>..<reserved>
0D46..0D48	; PVALID	# MALAYALAM VOWEL SIGN E..MALAYALAM VOWEL SIGN
0D49	; UNASSIGNED	# <reserved>
0D4A..0D4D	; PVALID	# MALAYALAM VOWEL SIGN O..MALAYALAM SIGN VIRAM
0D4E..0D56	; UNASSIGNED	# <reserved>..<reserved>
0D57	; PVALID	# MALAYALAM AU LENGTH MARK
0D58..0D5F	; UNASSIGNED	# <reserved>..<reserved>

0D60..0D61	; PVALID	# MALAYALAM LETTER VOCALIC RR..MALAYALAM LETTE
0D62..0D65	; UNASSIGNED	# <reserved>..<reserved>
0D66..0D6F	; PVALID	# MALAYALAM DIGIT ZERO..MALAYALAM DIGIT NINE
0D70..0D81	; UNASSIGNED	# <reserved>..<reserved>
0D82..0D83	; PVALID	# SINHALA SIGN ANUSVARAYA..SINHALA SIGN VISARG
0D84	; UNASSIGNED	# <reserved>
0D85..0D96	; PVALID	# SINHALA LETTER AYANNA..SINHALA LETTER AUYANN
0D97..0D99	; UNASSIGNED	# <reserved>..<reserved>
0D9A..0DB1	; PVALID	# SINHALA LETTER ALPAPRAANA KAYANNA..SINHALA L
0DB2	; UNASSIGNED	# <reserved>
0DB3..0DBB	; PVALID	# SINHALA LETTER SANYAKA DAYANNA..SINHALA LETT
0DBC	; UNASSIGNED	# <reserved>
0DBD	; PVALID	# SINHALA LETTER DANTAJA LAYANNA
0DBE..0DBF	; UNASSIGNED	# <reserved>..<reserved>
0DC0..0DC6	; PVALID	# SINHALA LETTER VAYANNA..SINHALA LETTER FAYAN
0DC7..0DC9	; UNASSIGNED	# <reserved>..<reserved>
0DCA	; PVALID	# SINHALA SIGN AL-LAKUNA
0DCB..0DCE	; UNASSIGNED	# <reserved>..<reserved>
0DCF..0DD4	; PVALID	# SINHALA VOWEL SIGN AELA-PILLA..SINHALA VOWEL
0DD5	; UNASSIGNED	# <reserved>
0DD6	; PVALID	# SINHALA VOWEL SIGN DIGA PAA-PILLA
0DD7	; UNASSIGNED	# <reserved>
0DD8..0DDF	; PVALID	# SINHALA VOWEL SIGN GAETTA-PILLA..SINHALA VOW
0DE0..0DF1	; UNASSIGNED	# <reserved>..<reserved>
0DF2..0DF3	; PVALID	# SINHALA VOWEL SIGN DIGA GAETTA-PILLA..SINHAL
0DF4	; DISALLOWED	# SINHALA PUNCTUATION KUNDDALIYA
0DF5..0E00	; UNASSIGNED	# <reserved>..<reserved>
0E01..0E32	; PVALID	# THAI CHARACTER KO KAI..THAI CHARACTER SARA A
0E33	; DISALLOWED	# THAI CHARACTER SARA AM
0E34..0E3A	; PVALID	# THAI CHARACTER SARA I..THAI CHARACTER PHINTH
0E3B..0E3E	; UNASSIGNED	# <reserved>..<reserved>
0E3F	; DISALLOWED	# THAI CURRENCY SYMBOL BAHT
0E40..0E4E	; PVALID	# THAI CHARACTER SARA E..THAI CHARACTER YAMAKK
0E4F	; DISALLOWED	# THAI CHARACTER FONGMAN
0E50..0E59	; PVALID	# THAI DIGIT ZERO..THAI DIGIT NINE
0E5A..0E5B	; DISALLOWED	# THAI CHARACTER ANGKHANKHU..THAI CHARACTER KH
0E5C..0E80	; UNASSIGNED	# <reserved>..<reserved>
0E81..0E82	; PVALID	# LAO LETTER KO..LAO LETTER KHO SUNG
0E83	; UNASSIGNED	# <reserved>
0E84	; PVALID	# LAO LETTER KHO TAM
0E85..0E86	; UNASSIGNED	# <reserved>..<reserved>
0E87..0E88	; PVALID	# LAO LETTER NGO..LAO LETTER CO
0E89	; UNASSIGNED	# <reserved>
0E8A	; PVALID	# LAO LETTER SO TAM
0E8B..0E8C	; UNASSIGNED	# <reserved>..<reserved>
0E8D	; PVALID	# LAO LETTER NYO
0E8E..0E93	; UNASSIGNED	# <reserved>..<reserved>
0E94..0E97	; PVALID	# LAO LETTER DO..LAO LETTER THO TAM
0E98	; UNASSIGNED	# <reserved>

0E99..0E9F	; PVALID	# LAO LETTER NO..LAO LETTER FO SUNG
0EA0	; UNASSIGNED	# <reserved>
0EA1..0EA3	; PVALID	# LAO LETTER MO..LAO LETTER LO LING
0EA4	; UNASSIGNED	# <reserved>
0EA5	; PVALID	# LAO LETTER LO LOOT
0EA6	; UNASSIGNED	# <reserved>
0EA7	; PVALID	# LAO LETTER WO
0EA8..0EA9	; UNASSIGNED	# <reserved>.. # <reserved>
0EAA..0EAB	; PVALID	# LAO LETTER SO SUNG..LAO LETTER HO SUNG
0EAC	; UNASSIGNED	# <reserved>
0EAD..0EB2	; PVALID	# LAO LETTER O..LAO VOWEL SIGN AA
0EB3	; DISALLOWED	# LAO VOWEL SIGN AM
0EB4..0EB9	; PVALID	# LAO VOWEL SIGN I..LAO VOWEL SIGN UU
0EBA	; UNASSIGNED	# <reserved>
0EBB..0EBD	; PVALID	# LAO VOWEL SIGN MAI KON..LAO SEMIVOWEL SIGN N
0EBE..0EBF	; UNASSIGNED	# <reserved>.. # <reserved>
0EC0..0EC4	; PVALID	# LAO VOWEL SIGN E..LAO VOWEL SIGN AI
0EC5	; UNASSIGNED	# <reserved>
0EC6	; PVALID	# LAO KO LA
0EC7	; UNASSIGNED	# <reserved>
0EC8..0ECD	; PVALID	# LAO TONE MAI EK..LAO NIGGAHITA
0ECE..0ECF	; UNASSIGNED	# <reserved>.. # <reserved>
0ED0..0ED9	; PVALID	# LAO DIGIT ZERO..LAO DIGIT NINE
0EDA..0EDB	; UNASSIGNED	# <reserved>.. # <reserved>
0EDC..0EDD	; DISALLOWED	# LAO HO NO..LAO HO MO
0EDE..0EFF	; UNASSIGNED	# <reserved>.. # <reserved>
0F00	; PVALID	# TIBETAN SYLLABLE OM
0F01..0F17	; DISALLOWED	# TIBETAN MARK GTER YIG MGO TRUNCATED A..TIBET
0F18..0F19	; PVALID	# TIBETAN ASTROLOGICAL SIGN -KHYUD PA..TIBETAN
0F1A..0F1F	; DISALLOWED	# TIBETAN SIGN RDEL DKAR GCIG..TIBETAN SIGN RD
0F20..0F29	; PVALID	# TIBETAN DIGIT ZERO..TIBETAN DIGIT NINE
0F2A..0F34	; DISALLOWED	# TIBETAN DIGIT HALF ONE..TIBETAN MARK BSDUS R
0F35	; PVALID	# TIBETAN MARK NGAS BZUNG NYI ZLA
0F36	; DISALLOWED	# TIBETAN MARK CARET -DZUD RTAGS BZHI MIG CAN
0F37	; PVALID	# TIBETAN MARK NGAS BZUNG SGOR RTAGS
0F38	; DISALLOWED	# TIBETAN MARK CHE MGO
0F39	; PVALID	# TIBETAN MARK TSA -PHRU
0F3A..0F3D	; DISALLOWED	# TIBETAN MARK GUG RTAGS GYON..TIBETAN MARK AN
0F3E..0F42	; PVALID	# TIBETAN SIGN YAR TSHES..TIBETAN LETTER GA
0F43	; DISALLOWED	# TIBETAN LETTER GHA
0F44..0F47	; PVALID	# TIBETAN LETTER NGA..TIBETAN LETTER JA
0F48	; UNASSIGNED	# <reserved>
0F49..0F4C	; PVALID	# TIBETAN LETTER NYA..TIBETAN LETTER DDA
0F4D	; DISALLOWED	# TIBETAN LETTER DDHA
0F4E..0F51	; PVALID	# TIBETAN LETTER NNA..TIBETAN LETTER DA
0F52	; DISALLOWED	# TIBETAN LETTER DHA
0F53..0F56	; PVALID	# TIBETAN LETTER NA..TIBETAN LETTER BA
0F57	; DISALLOWED	# TIBETAN LETTER BHA
0F58..0F5B	; PVALID	# TIBETAN LETTER MA..TIBETAN LETTER DZA

0F5C	; DISALLOWED	# TIBETAN LETTER DZHA
0F5D..0F68	; PVALID	# TIBETAN LETTER WA..TIBETAN LETTER A
0F69	; DISALLOWED	# TIBETAN LETTER KSSA
0F6A	; PVALID	# TIBETAN LETTER FIXED-FORM RA
0F6B..0F70	; UNASSIGNED	# <reserved>..<reserved>
0F71..0F72	; PVALID	# TIBETAN VOWEL SIGN AA..TIBETAN VOWEL SIGN I
0F73	; DISALLOWED	# TIBETAN VOWEL SIGN II
0F74	; PVALID	# TIBETAN VOWEL SIGN U
0F75..0F79	; DISALLOWED	# TIBETAN VOWEL SIGN UU..TIBETAN VOWEL SIGN VO
0F7A..0F80	; PVALID	# TIBETAN VOWEL SIGN E..TIBETAN VOWEL SIGN REV
0F81	; DISALLOWED	# TIBETAN VOWEL SIGN REVERSED II
0F82..0F84	; PVALID	# TIBETAN SIGN NYI ZLA NAA DA..TIBETAN MARK HA
0F85	; DISALLOWED	# TIBETAN MARK PALUTA
0F86..0F8B	; PVALID	# TIBETAN SIGN LCI RTAGS..TIBETAN SIGN GRU MED
0F8C..0F8F	; UNASSIGNED	# <reserved>..<reserved>
0F90..0F92	; PVALID	# TIBETAN SUBJOINED LETTER KA..TIBETAN SUBJOIN
0F93	; DISALLOWED	# TIBETAN SUBJOINED LETTER GHA
0F94..0F97	; PVALID	# TIBETAN SUBJOINED LETTER NGA..TIBETAN SUBJOI
0F98	; UNASSIGNED	# <reserved>
0F99..0F9C	; PVALID	# TIBETAN SUBJOINED LETTER NYA..TIBETAN SUBJOI
0F9D	; DISALLOWED	# TIBETAN SUBJOINED LETTER DDHA
0F9E..0FA1	; PVALID	# TIBETAN SUBJOINED LETTER NNA..TIBETAN SUBJOI
0FA2	; DISALLOWED	# TIBETAN SUBJOINED LETTER DHA
0FA3..0FA6	; PVALID	# TIBETAN SUBJOINED LETTER NA..TIBETAN SUBJOIN
0FA7	; DISALLOWED	# TIBETAN SUBJOINED LETTER BHA
0FA8..0FAB	; PVALID	# TIBETAN SUBJOINED LETTER MA..TIBETAN SUBJOIN
0FAC	; DISALLOWED	# TIBETAN SUBJOINED LETTER DZHA
0FAD..0FB8	; PVALID	# TIBETAN SUBJOINED LETTER WA..TIBETAN SUBJOIN
0FB9	; DISALLOWED	# TIBETAN SUBJOINED LETTER KSSA
0FBA..0FBC	; PVALID	# TIBETAN SUBJOINED LETTER FIXED-FORM WA..TIBE
0FBD	; UNASSIGNED	# <reserved>
0FBE..0FC5	; DISALLOWED	# TIBETAN KU RU KHA..TIBETAN SYMBOL RDO RJE
0FC6	; PVALID	# TIBETAN SYMBOL PADMA GDAN
0FC7..0FCC	; DISALLOWED	# TIBETAN SYMBOL RDO RJE RGYA GRAM..TIBETAN SY
0FCD..0FCE	; UNASSIGNED	# <reserved>..<reserved>
0FCF..0FD1	; DISALLOWED	# TIBETAN SIGN RDEL NAG GSUM..TIBETAN MARK MNY
0FD2..0FFF	; UNASSIGNED	# <reserved>..<reserved>
1000..1021	; PVALID	# MYANMAR LETTER KA..MYANMAR LETTER A
1022	; UNASSIGNED	# <reserved>
1023..1027	; PVALID	# MYANMAR LETTER I..MYANMAR LETTER E
1028	; UNASSIGNED	# <reserved>
1029..102A	; PVALID	# MYANMAR LETTER O..MYANMAR LETTER AU
102B	; UNASSIGNED	# <reserved>
102C..1032	; PVALID	# MYANMAR VOWEL SIGN AA..MYANMAR VOWEL SIGN AI
1033..1035	; UNASSIGNED	# <reserved>..<reserved>
1036..1039	; PVALID	# MYANMAR SIGN ANUSVARA..MYANMAR SIGN VIRAMA
103A..103F	; UNASSIGNED	# <reserved>..<reserved>
1040..1049	; PVALID	# MYANMAR DIGIT ZERO..MYANMAR DIGIT NINE
104A..104F	; DISALLOWED	# MYANMAR SIGN LITTLE SECTION..MYANMAR SYMBOL

1050..1059	; PVALID	# MYANMAR LETTER SHA..MYANMAR VOWEL SIGN VOCAL
105A..109F	; UNASSIGNED	# <reserved>..<reserved>
10A0..10C5	; DISALLOWED	# GEORGIAN CAPITAL LETTER AN..GEORGIAN CAPITAL
10C6..10CF	; UNASSIGNED	# <reserved>..<reserved>
10D0..10FA	; PVALID	# GEORGIAN LETTER AN..GEORGIAN LETTER AIN
10FB..10FC	; DISALLOWED	# GEORGIAN PARAGRAPH SEPARATOR..MODIFIER LETTE
10FD..10FF	; UNASSIGNED	# <reserved>..<reserved>
1100..1159	; PVALID	# HANGUL CHOSEONG KIYEOK..HANGUL CHOSEONG YEOR
115A..115E	; UNASSIGNED	# <reserved>..<reserved>
115F..1160	; DISALLOWED	# HANGUL CHOSEONG FILLER..HANGUL JUNGSEONG FIL
1161..11A2	; PVALID	# HANGUL JUNGSEONG A..HANGUL JUNGSEONG SSANGAR
11A3..11A7	; UNASSIGNED	# <reserved>..<reserved>
11A8..11F9	; PVALID	# HANGUL JONGSEONG KIYEOK..HANGUL JONGSEONG YE
11FA..11FF	; UNASSIGNED	# <reserved>..<reserved>
1200..1248	; PVALID	# ETHIOPIC SYLLABLE HA..ETHIOPIC SYLLABLE QWA
1249	; UNASSIGNED	# <reserved>
124A..124D	; PVALID	# ETHIOPIC SYLLABLE QWI..ETHIOPIC SYLLABLE QWE
124E..124F	; UNASSIGNED	# <reserved>..<reserved>
1250..1256	; PVALID	# ETHIOPIC SYLLABLE QHA..ETHIOPIC SYLLABLE QHO
1257	; UNASSIGNED	# <reserved>
1258	; PVALID	# ETHIOPIC SYLLABLE QHWA
1259	; UNASSIGNED	# <reserved>
125A..125D	; PVALID	# ETHIOPIC SYLLABLE QHWI..ETHIOPIC SYLLABLE QH
125E..125F	; UNASSIGNED	# <reserved>..<reserved>
1260..1288	; PVALID	# ETHIOPIC SYLLABLE BA..ETHIOPIC SYLLABLE XWA
1289	; UNASSIGNED	# <reserved>
128A..128D	; PVALID	# ETHIOPIC SYLLABLE XWI..ETHIOPIC SYLLABLE XWE
128E..128F	; UNASSIGNED	# <reserved>..<reserved>
1290..12B0	; PVALID	# ETHIOPIC SYLLABLE NA..ETHIOPIC SYLLABLE KWA
12B1	; UNASSIGNED	# <reserved>
12B2..12B5	; PVALID	# ETHIOPIC SYLLABLE KWI..ETHIOPIC SYLLABLE KWE
12B6..12B7	; UNASSIGNED	# <reserved>..<reserved>
12B8..12BE	; PVALID	# ETHIOPIC SYLLABLE KXA..ETHIOPIC SYLLABLE KXO
12BF	; UNASSIGNED	# <reserved>
12C0	; PVALID	# ETHIOPIC SYLLABLE KXWA
12C1	; UNASSIGNED	# <reserved>
12C2..12C5	; PVALID	# ETHIOPIC SYLLABLE KXWI..ETHIOPIC SYLLABLE KX
12C6..12C7	; UNASSIGNED	# <reserved>..<reserved>
12C8..12D6	; PVALID	# ETHIOPIC SYLLABLE WA..ETHIOPIC SYLLABLE PHAR
12D7	; UNASSIGNED	# <reserved>
12D8..1310	; PVALID	# ETHIOPIC SYLLABLE ZA..ETHIOPIC SYLLABLE GWA
1311	; UNASSIGNED	# <reserved>
1312..1315	; PVALID	# ETHIOPIC SYLLABLE GWI..ETHIOPIC SYLLABLE GWE
1316..1317	; UNASSIGNED	# <reserved>..<reserved>
1318..135A	; PVALID	# ETHIOPIC SYLLABLE GGA..ETHIOPIC SYLLABLE FYA
135B..135E	; UNASSIGNED	# <reserved>..<reserved>
135F	; PVALID	# ETHIOPIC COMBINING GEMINATION MARK
1360..137C	; DISALLOWED	# ETHIOPIC SECTION MARK..ETHIOPIC NUMBER TEN T
137D..137F	; UNASSIGNED	# <reserved>..<reserved>

1380..138F	; PVALID	# ETHIOPIC SYLLABLE SEBATBEIT MWA..ETHIOPIC SY
1390..1399	; DISALLOWED	# ETHIOPIC TONAL MARK YIZET..ETHIOPIC TONAL MA
139A..139F	; UNASSIGNED	# <reserved>..<reserved>
13A0..13F4	; PVALID	# CHEROKEE LETTER A..CHEROKEE LETTER YV
13F5..1400	; UNASSIGNED	# <reserved>..<reserved>
1401..166C	; PVALID	# CANADIAN SYLLABICS E..CANADIAN SYLLABICS CAR
166D..166E	; DISALLOWED	# CANADIAN SYLLABICS CHI SIGN..CANADIAN SYLLAB
166F..1676	; PVALID	# CANADIAN SYLLABICS QAI..CANADIAN SYLLABICS N
1677..167F	; UNASSIGNED	# <reserved>..<reserved>
1680	; DISALLOWED	# OGHAM SPACE MARK
1681..169A	; PVALID	# OGHAM LETTER BEITH..OGHAM LETTER PEITH
169B..169C	; DISALLOWED	# OGHAM FEATHER MARK..OGHAM REVERSED FEATHER M
169D..169F	; UNASSIGNED	# <reserved>..<reserved>
16A0..16EA	; PVALID	# RUNIC LETTER FEHU FE OH FE F..RUNIC LETTER X
16EB..16F0	; DISALLOWED	# RUNIC SINGLE PUNCTUATION..RUNIC BELGTHOR SYM
16F1..16FF	; UNASSIGNED	# <reserved>..<reserved>
1700..170C	; PVALID	# TAGALOG LETTER A..TAGALOG LETTER YA
170D	; UNASSIGNED	# <reserved>
170E..1714	; PVALID	# TAGALOG LETTER LA..TAGALOG SIGN VIRAMA
1715..171F	; UNASSIGNED	# <reserved>..<reserved>
1720..1734	; PVALID	# HANUNOO LETTER A..HANUNOO SIGN PAMUDPOD
1735..1736	; DISALLOWED	# PHILIPPINE SINGLE PUNCTUATION..PHILIPPINE DO
1737..173F	; UNASSIGNED	# <reserved>..<reserved>
1740..1753	; PVALID	# BUHID LETTER A..BUHID VOWEL SIGN U
1754..175F	; UNASSIGNED	# <reserved>..<reserved>
1760..176C	; PVALID	# TAGBANWA LETTER A..TAGBANWA LETTER YA
176D	; UNASSIGNED	# <reserved>
176E..1770	; PVALID	# TAGBANWA LETTER LA..TAGBANWA LETTER SA
1771	; UNASSIGNED	# <reserved>
1772..1773	; PVALID	# TAGBANWA VOWEL SIGN I..TAGBANWA VOWEL SIGN U
1774..177F	; UNASSIGNED	# <reserved>..<reserved>
1780..17B3	; PVALID	# KHMER LETTER KA..KHMER INDEPENDENT VOWEL QAU
17B4..17B5	; CONTEXTO	# KHMER VOWEL INHERENT AQ..KHMER VOWEL INHEREN
17B6..17D3	; PVALID	# KHMER VOWEL SIGN AA..KHMER SIGN BATHAMASAT
17D4..17D6	; DISALLOWED	# KHMER SIGN KHAN..KHMER SIGN CAMNUC PII KUUH
17D7	; PVALID	# KHMER SIGN LEK TOO
17D8..17DB	; DISALLOWED	# KHMER SIGN BEYYAL..KHMER CURRENCY SYMBOL RIE
17DC..17DD	; PVALID	# KHMER SIGN AVAKRAHASANYA..KHMER SIGN ATTHACA
17DE..17DF	; UNASSIGNED	# <reserved>..<reserved>
17E0..17E9	; PVALID	# KHMER DIGIT ZERO..KHMER DIGIT NINE
17EA..17EF	; UNASSIGNED	# <reserved>..<reserved>
17F0..17F9	; DISALLOWED	# KHMER SYMBOL LEK ATTAK SON..KHMER SYMBOL LEK
17FA..17FF	; UNASSIGNED	# <reserved>..<reserved>
1800..180E	; DISALLOWED	# MONGOLIAN BIRGA..MONGOLIAN VOWEL SEPARATOR
180F	; UNASSIGNED	# <reserved>
1810..1819	; PVALID	# MONGOLIAN DIGIT ZERO..MONGOLIAN DIGIT NINE
181A..181F	; UNASSIGNED	# <reserved>..<reserved>
1820..1877	; PVALID	# MONGOLIAN LETTER A..MONGOLIAN LETTER MANCHU
1878..187F	; UNASSIGNED	# <reserved>..<reserved>

1880..18A9	; PVALID	# MONGOLIAN LETTER ALI GALI ANUSVARA ONE..MONG
18AA..18FF	; UNASSIGNED	# <reserved>..<reserved>
1900..191C	; PVALID	# LIMBU VOWEL-CARRIER LETTER..LIMBU LETTER HA
191D..191F	; UNASSIGNED	# <reserved>..<reserved>
1920..192B	; PVALID	# LIMBU VOWEL SIGN A..LIMBU SUBJOINED LETTER W
192C..192F	; UNASSIGNED	# <reserved>..<reserved>
1930..193B	; PVALID	# LIMBU SMALL LETTER KA..LIMBU SIGN SA-I
193C..193F	; UNASSIGNED	# <reserved>..<reserved>
1940	; DISALLOWED	# LIMBU SIGN LOO
1941..1943	; UNASSIGNED	# <reserved>..<reserved>
1944..1945	; DISALLOWED	# LIMBU EXCLAMATION MARK..LIMBU QUESTION MARK
1946..196D	; PVALID	# LIMBU DIGIT ZERO..TAI LE LETTER AI
196E..196F	; UNASSIGNED	# <reserved>..<reserved>
1970..1974	; PVALID	# TAI LE LETTER TONE-2..TAI LE LETTER TONE-6
1975..197F	; UNASSIGNED	# <reserved>..<reserved>
1980..19A9	; PVALID	# NEW TAI LUE LETTER HIGH QA..NEW TAI LUE LETT
19AA..19AF	; UNASSIGNED	# <reserved>..<reserved>
19B0..19C9	; PVALID	# NEW TAI LUE VOWEL SIGN VOWEL SHORTENER..NEW
19CA..19CF	; UNASSIGNED	# <reserved>..<reserved>
19D0..19D9	; PVALID	# NEW TAI LUE DIGIT ZERO..NEW TAI LUE DIGIT NI
19DA..19DD	; UNASSIGNED	# <reserved>..<reserved>
19DE..19FF	; DISALLOWED	# NEW TAI LUE SIGN LAE..KHMER SYMBOL DAP-PRAM
1A00..1A1B	; PVALID	# BUGINESE LETTER KA..BUGINESE VOWEL SIGN AE
1A1C..1A1D	; UNASSIGNED	# <reserved>..<reserved>
1A1E..1A1F	; DISALLOWED	# BUGINESE PALLAWA..BUGINESE END OF SECTION
1A20..1AFF	; UNASSIGNED	# <reserved>..<reserved>
1B00..1B4B	; PVALID	# BALINESE SIGN ULU RICEM..BALINESE LETTER ASY
1B4C..1B4F	; UNASSIGNED	# <reserved>..<reserved>
1B50..1B59	; PVALID	# BALINESE DIGIT ZERO..BALINESE DIGIT NINE
1B5A..1B6A	; DISALLOWED	# BALINESE PANTI..BALINESE MUSICAL SYMBOL DANG
1B6B..1B73	; PVALID	# BALINESE MUSICAL SYMBOL COMBINING TEGEH..BAL
1B74..1B7C	; DISALLOWED	# BALINESE MUSICAL SYMBOL RIGHT-HAND OPEN DUG.
1B7D..1CFF	; UNASSIGNED	# <reserved>..<reserved>
1D00..1D2B	; PVALID	# LATIN LETTER SMALL CAPITAL A..CYRILLIC LETTE
1D2C..1D2E	; DISALLOWED	# MODIFIER LETTER CAPITAL A..MODIFIER LETTER C
1D2F	; PVALID	# MODIFIER LETTER CAPITAL BARRED B
1D30..1D3A	; DISALLOWED	# MODIFIER LETTER CAPITAL D..MODIFIER LETTER C
1D3B	; PVALID	# MODIFIER LETTER CAPITAL REVERSED N
1D3C..1D4D	; DISALLOWED	# MODIFIER LETTER CAPITAL O..MODIFIER LETTER S
1D4E	; PVALID	# MODIFIER LETTER SMALL TURNED I
1D4F..1D6A	; DISALLOWED	# MODIFIER LETTER SMALL K..GREEK SUBSCRIPT SMA
1D6B..1D77	; PVALID	# LATIN SMALL LETTER UE..LATIN SMALL LETTER TU
1D78	; DISALLOWED	# MODIFIER LETTER CYRILLIC EN
1D79..1D9A	; PVALID	# LATIN SMALL LETTER INSULAR G..LATIN SMALL LE
1D9B..1DBF	; DISALLOWED	# MODIFIER LETTER SMALL TURNED ALPHA..MODIFIER
1DC0..1DCA	; PVALID	# COMBINING DOTTED GRAVE ACCENT..COMBINING LAT
1DCB..1DFD	; UNASSIGNED	# <reserved>..<reserved>
1DFE..1DFF	; PVALID	# COMBINING LEFT ARROWHEAD ABOVE..COMBINING RI
1E00	; DISALLOWED	# LATIN CAPITAL LETTER A WITH RING BELOW

1E01	; PVALID	# LATIN SMALL LETTER A WITH RING BELOW
1E02	; DISALLOWED	# LATIN CAPITAL LETTER B WITH DOT ABOVE
1E03	; PVALID	# LATIN SMALL LETTER B WITH DOT ABOVE
1E04	; DISALLOWED	# LATIN CAPITAL LETTER B WITH DOT BELOW
1E05	; PVALID	# LATIN SMALL LETTER B WITH DOT BELOW
1E06	; DISALLOWED	# LATIN CAPITAL LETTER B WITH LINE BELOW
1E07	; PVALID	# LATIN SMALL LETTER B WITH LINE BELOW
1E08	; DISALLOWED	# LATIN CAPITAL LETTER C WITH CEDILLA AND ACUT
1E09	; PVALID	# LATIN SMALL LETTER C WITH CEDILLA AND ACUTE
1E0A	; DISALLOWED	# LATIN CAPITAL LETTER D WITH DOT ABOVE
1E0B	; PVALID	# LATIN SMALL LETTER D WITH DOT ABOVE
1E0C	; DISALLOWED	# LATIN CAPITAL LETTER D WITH DOT BELOW
1E0D	; PVALID	# LATIN SMALL LETTER D WITH DOT BELOW
1E0E	; DISALLOWED	# LATIN CAPITAL LETTER D WITH LINE BELOW
1E0F	; PVALID	# LATIN SMALL LETTER D WITH LINE BELOW
1E10	; DISALLOWED	# LATIN CAPITAL LETTER D WITH CEDILLA
1E11	; PVALID	# LATIN SMALL LETTER D WITH CEDILLA
1E12	; DISALLOWED	# LATIN CAPITAL LETTER D WITH CIRCUMFLEX BELOW
1E13	; PVALID	# LATIN SMALL LETTER D WITH CIRCUMFLEX BELOW
1E14	; DISALLOWED	# LATIN CAPITAL LETTER E WITH MACRON AND GRAVE
1E15	; PVALID	# LATIN SMALL LETTER E WITH MACRON AND GRAVE
1E16	; DISALLOWED	# LATIN CAPITAL LETTER E WITH MACRON AND ACUTE
1E17	; PVALID	# LATIN SMALL LETTER E WITH MACRON AND ACUTE
1E18	; DISALLOWED	# LATIN CAPITAL LETTER E WITH CIRCUMFLEX BELOW
1E19	; PVALID	# LATIN SMALL LETTER E WITH CIRCUMFLEX BELOW
1E1A	; DISALLOWED	# LATIN CAPITAL LETTER E WITH TILDE BELOW
1E1B	; PVALID	# LATIN SMALL LETTER E WITH TILDE BELOW
1E1C	; DISALLOWED	# LATIN CAPITAL LETTER E WITH CEDILLA AND BREV
1E1D	; PVALID	# LATIN SMALL LETTER E WITH CEDILLA AND BREVE
1E1E	; DISALLOWED	# LATIN CAPITAL LETTER F WITH DOT ABOVE
1E1F	; PVALID	# LATIN SMALL LETTER F WITH DOT ABOVE
1E20	; DISALLOWED	# LATIN CAPITAL LETTER G WITH MACRON
1E21	; PVALID	# LATIN SMALL LETTER G WITH MACRON
1E22	; DISALLOWED	# LATIN CAPITAL LETTER H WITH DOT ABOVE
1E23	; PVALID	# LATIN SMALL LETTER H WITH DOT ABOVE
1E24	; DISALLOWED	# LATIN CAPITAL LETTER H WITH DOT BELOW
1E25	; PVALID	# LATIN SMALL LETTER H WITH DOT BELOW
1E26	; DISALLOWED	# LATIN CAPITAL LETTER H WITH DIAERESIS
1E27	; PVALID	# LATIN SMALL LETTER H WITH DIAERESIS
1E28	; DISALLOWED	# LATIN CAPITAL LETTER H WITH CEDILLA
1E29	; PVALID	# LATIN SMALL LETTER H WITH CEDILLA
1E2A	; DISALLOWED	# LATIN CAPITAL LETTER H WITH BREVE BELOW
1E2B	; PVALID	# LATIN SMALL LETTER H WITH BREVE BELOW
1E2C	; DISALLOWED	# LATIN CAPITAL LETTER I WITH TILDE BELOW
1E2D	; PVALID	# LATIN SMALL LETTER I WITH TILDE BELOW
1E2E	; DISALLOWED	# LATIN CAPITAL LETTER I WITH DIAERESIS AND AC
1E2F	; PVALID	# LATIN SMALL LETTER I WITH DIAERESIS AND ACUT
1E30	; DISALLOWED	# LATIN CAPITAL LETTER K WITH ACUTE
1E31	; PVALID	# LATIN SMALL LETTER K WITH ACUTE

1E32	; DISALLOWED	# LATIN CAPITAL LETTER K WITH DOT BELOW
1E33	; PVALID	# LATIN SMALL LETTER K WITH DOT BELOW
1E34	; DISALLOWED	# LATIN CAPITAL LETTER K WITH LINE BELOW
1E35	; PVALID	# LATIN SMALL LETTER K WITH LINE BELOW
1E36	; DISALLOWED	# LATIN CAPITAL LETTER L WITH DOT BELOW
1E37	; PVALID	# LATIN SMALL LETTER L WITH DOT BELOW
1E38	; DISALLOWED	# LATIN CAPITAL LETTER L WITH DOT BELOW AND MA
1E39	; PVALID	# LATIN SMALL LETTER L WITH DOT BELOW AND MACR
1E3A	; DISALLOWED	# LATIN CAPITAL LETTER L WITH LINE BELOW
1E3B	; PVALID	# LATIN SMALL LETTER L WITH LINE BELOW
1E3C	; DISALLOWED	# LATIN CAPITAL LETTER L WITH CIRCUMFLEX BELOW
1E3D	; PVALID	# LATIN SMALL LETTER L WITH CIRCUMFLEX BELOW
1E3E	; DISALLOWED	# LATIN CAPITAL LETTER M WITH ACUTE
1E3F	; PVALID	# LATIN SMALL LETTER M WITH ACUTE
1E40	; DISALLOWED	# LATIN CAPITAL LETTER M WITH DOT ABOVE
1E41	; PVALID	# LATIN SMALL LETTER M WITH DOT ABOVE
1E42	; DISALLOWED	# LATIN CAPITAL LETTER M WITH DOT BELOW
1E43	; PVALID	# LATIN SMALL LETTER M WITH DOT BELOW
1E44	; DISALLOWED	# LATIN CAPITAL LETTER N WITH DOT ABOVE
1E45	; PVALID	# LATIN SMALL LETTER N WITH DOT ABOVE
1E46	; DISALLOWED	# LATIN CAPITAL LETTER N WITH DOT BELOW
1E47	; PVALID	# LATIN SMALL LETTER N WITH DOT BELOW
1E48	; DISALLOWED	# LATIN CAPITAL LETTER N WITH LINE BELOW
1E49	; PVALID	# LATIN SMALL LETTER N WITH LINE BELOW
1E4A	; DISALLOWED	# LATIN CAPITAL LETTER N WITH CIRCUMFLEX BELOW
1E4B	; PVALID	# LATIN SMALL LETTER N WITH CIRCUMFLEX BELOW
1E4C	; DISALLOWED	# LATIN CAPITAL LETTER O WITH TILDE AND ACUTE
1E4D	; PVALID	# LATIN SMALL LETTER O WITH TILDE AND ACUTE
1E4E	; DISALLOWED	# LATIN CAPITAL LETTER O WITH TILDE AND DIAERE
1E4F	; PVALID	# LATIN SMALL LETTER O WITH TILDE AND DIAERESI
1E50	; DISALLOWED	# LATIN CAPITAL LETTER O WITH MACRON AND GRAVE
1E51	; PVALID	# LATIN SMALL LETTER O WITH MACRON AND GRAVE
1E52	; DISALLOWED	# LATIN CAPITAL LETTER O WITH MACRON AND ACUTE
1E53	; PVALID	# LATIN SMALL LETTER O WITH MACRON AND ACUTE
1E54	; DISALLOWED	# LATIN CAPITAL LETTER P WITH ACUTE
1E55	; PVALID	# LATIN SMALL LETTER P WITH ACUTE
1E56	; DISALLOWED	# LATIN CAPITAL LETTER P WITH DOT ABOVE
1E57	; PVALID	# LATIN SMALL LETTER P WITH DOT ABOVE
1E58	; DISALLOWED	# LATIN CAPITAL LETTER R WITH DOT ABOVE
1E59	; PVALID	# LATIN SMALL LETTER R WITH DOT ABOVE
1E5A	; DISALLOWED	# LATIN CAPITAL LETTER R WITH DOT BELOW
1E5B	; PVALID	# LATIN SMALL LETTER R WITH DOT BELOW
1E5C	; DISALLOWED	# LATIN CAPITAL LETTER R WITH DOT BELOW AND MA
1E5D	; PVALID	# LATIN SMALL LETTER R WITH DOT BELOW AND MACR
1E5E	; DISALLOWED	# LATIN CAPITAL LETTER R WITH LINE BELOW
1E5F	; PVALID	# LATIN SMALL LETTER R WITH LINE BELOW
1E60	; DISALLOWED	# LATIN CAPITAL LETTER S WITH DOT ABOVE
1E61	; PVALID	# LATIN SMALL LETTER S WITH DOT ABOVE
1E62	; DISALLOWED	# LATIN CAPITAL LETTER S WITH DOT BELOW

1E63	; PVALID	# LATIN SMALL LETTER S WITH DOT BELOW
1E64	; DISALLOWED	# LATIN CAPITAL LETTER S WITH ACUTE AND DOT AB
1E65	; PVALID	# LATIN SMALL LETTER S WITH ACUTE AND DOT ABOV
1E66	; DISALLOWED	# LATIN CAPITAL LETTER S WITH CARON AND DOT AB
1E67	; PVALID	# LATIN SMALL LETTER S WITH CARON AND DOT ABOV
1E68	; DISALLOWED	# LATIN CAPITAL LETTER S WITH DOT BELOW AND DO
1E69	; PVALID	# LATIN SMALL LETTER S WITH DOT BELOW AND DOT
1E6A	; DISALLOWED	# LATIN CAPITAL LETTER T WITH DOT ABOVE
1E6B	; PVALID	# LATIN SMALL LETTER T WITH DOT ABOVE
1E6C	; DISALLOWED	# LATIN CAPITAL LETTER T WITH DOT BELOW
1E6D	; PVALID	# LATIN SMALL LETTER T WITH DOT BELOW
1E6E	; DISALLOWED	# LATIN CAPITAL LETTER T WITH LINE BELOW
1E6F	; PVALID	# LATIN SMALL LETTER T WITH LINE BELOW
1E70	; DISALLOWED	# LATIN CAPITAL LETTER T WITH CIRCUMFLEX BELOW
1E71	; PVALID	# LATIN SMALL LETTER T WITH CIRCUMFLEX BELOW
1E72	; DISALLOWED	# LATIN CAPITAL LETTER U WITH DIAERESIS BELOW
1E73	; PVALID	# LATIN SMALL LETTER U WITH DIAERESIS BELOW
1E74	; DISALLOWED	# LATIN CAPITAL LETTER U WITH TILDE BELOW
1E75	; PVALID	# LATIN SMALL LETTER U WITH TILDE BELOW
1E76	; DISALLOWED	# LATIN CAPITAL LETTER U WITH CIRCUMFLEX BELOW
1E77	; PVALID	# LATIN SMALL LETTER U WITH CIRCUMFLEX BELOW
1E78	; DISALLOWED	# LATIN CAPITAL LETTER U WITH TILDE AND ACUTE
1E79	; PVALID	# LATIN SMALL LETTER U WITH TILDE AND ACUTE
1E7A	; DISALLOWED	# LATIN CAPITAL LETTER U WITH MACRON AND DIAER
1E7B	; PVALID	# LATIN SMALL LETTER U WITH MACRON AND DIAERES
1E7C	; DISALLOWED	# LATIN CAPITAL LETTER V WITH TILDE
1E7D	; PVALID	# LATIN SMALL LETTER V WITH TILDE
1E7E	; DISALLOWED	# LATIN CAPITAL LETTER V WITH DOT BELOW
1E7F	; PVALID	# LATIN SMALL LETTER V WITH DOT BELOW
1E80	; DISALLOWED	# LATIN CAPITAL LETTER W WITH GRAVE
1E81	; PVALID	# LATIN SMALL LETTER W WITH GRAVE
1E82	; DISALLOWED	# LATIN CAPITAL LETTER W WITH ACUTE
1E83	; PVALID	# LATIN SMALL LETTER W WITH ACUTE
1E84	; DISALLOWED	# LATIN CAPITAL LETTER W WITH DIAERESIS
1E85	; PVALID	# LATIN SMALL LETTER W WITH DIAERESIS
1E86	; DISALLOWED	# LATIN CAPITAL LETTER W WITH DOT ABOVE
1E87	; PVALID	# LATIN SMALL LETTER W WITH DOT ABOVE
1E88	; DISALLOWED	# LATIN CAPITAL LETTER W WITH DOT BELOW
1E89	; PVALID	# LATIN SMALL LETTER W WITH DOT BELOW
1E8A	; DISALLOWED	# LATIN CAPITAL LETTER X WITH DOT ABOVE
1E8B	; PVALID	# LATIN SMALL LETTER X WITH DOT ABOVE
1E8C	; DISALLOWED	# LATIN CAPITAL LETTER X WITH DIAERESIS
1E8D	; PVALID	# LATIN SMALL LETTER X WITH DIAERESIS
1E8E	; DISALLOWED	# LATIN CAPITAL LETTER Y WITH DOT ABOVE
1E8F	; PVALID	# LATIN SMALL LETTER Y WITH DOT ABOVE
1E90	; DISALLOWED	# LATIN CAPITAL LETTER Z WITH CIRCUMFLEX
1E91	; PVALID	# LATIN SMALL LETTER Z WITH CIRCUMFLEX
1E92	; DISALLOWED	# LATIN CAPITAL LETTER Z WITH DOT BELOW
1E93	; PVALID	# LATIN SMALL LETTER Z WITH DOT BELOW

1E94	; DISALLOWED	# LATIN CAPITAL LETTER Z WITH LINE BELOW
1E95..1E99	; PVALID	# LATIN SMALL LETTER Z WITH LINE BELOW..LATIN
1E9A..1E9B	; DISALLOWED	# LATIN SMALL LETTER A WITH RIGHT HALF RING..L
1E9C..1E9F	; UNASSIGNED	# <reserved>..<reserved>
1EA0	; DISALLOWED	# LATIN CAPITAL LETTER A WITH DOT BELOW
1EA1	; PVALID	# LATIN SMALL LETTER A WITH DOT BELOW
1EA2	; DISALLOWED	# LATIN CAPITAL LETTER A WITH HOOK ABOVE
1EA3	; PVALID	# LATIN SMALL LETTER A WITH HOOK ABOVE
1EA4	; DISALLOWED	# LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND A
1EA5	; PVALID	# LATIN SMALL LETTER A WITH CIRCUMFLEX AND ACU
1EA6	; DISALLOWED	# LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND G
1EA7	; PVALID	# LATIN SMALL LETTER A WITH CIRCUMFLEX AND GRA
1EA8	; DISALLOWED	# LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND H
1EA9	; PVALID	# LATIN SMALL LETTER A WITH CIRCUMFLEX AND HOO
1EAA	; DISALLOWED	# LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND T
1EAB	; PVALID	# LATIN SMALL LETTER A WITH CIRCUMFLEX AND TIL
1EAC	; DISALLOWED	# LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND D
1EAD	; PVALID	# LATIN SMALL LETTER A WITH CIRCUMFLEX AND DOT
1EAE	; DISALLOWED	# LATIN CAPITAL LETTER A WITH BREVE AND ACUTE
1EAF	; PVALID	# LATIN SMALL LETTER A WITH BREVE AND ACUTE
1EB0	; DISALLOWED	# LATIN CAPITAL LETTER A WITH BREVE AND GRAVE
1EB1	; PVALID	# LATIN SMALL LETTER A WITH BREVE AND GRAVE
1EB2	; DISALLOWED	# LATIN CAPITAL LETTER A WITH BREVE AND HOOK A
1EB3	; PVALID	# LATIN SMALL LETTER A WITH BREVE AND HOOK ABO
1EB4	; DISALLOWED	# LATIN CAPITAL LETTER A WITH BREVE AND TILDE
1EB5	; PVALID	# LATIN SMALL LETTER A WITH BREVE AND TILDE
1EB6	; DISALLOWED	# LATIN CAPITAL LETTER A WITH BREVE AND DOT BE
1EB7	; PVALID	# LATIN SMALL LETTER A WITH BREVE AND DOT BELO
1EB8	; DISALLOWED	# LATIN CAPITAL LETTER E WITH DOT BELOW
1EB9	; PVALID	# LATIN SMALL LETTER E WITH DOT BELOW
1EBA	; DISALLOWED	# LATIN CAPITAL LETTER E WITH HOOK ABOVE
1EBB	; PVALID	# LATIN SMALL LETTER E WITH HOOK ABOVE
1EBC	; DISALLOWED	# LATIN CAPITAL LETTER E WITH TILDE
1EBD	; PVALID	# LATIN SMALL LETTER E WITH TILDE
1EBE	; DISALLOWED	# LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND A
1EBF	; PVALID	# LATIN SMALL LETTER E WITH CIRCUMFLEX AND ACU
1EC0	; DISALLOWED	# LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND G
1EC1	; PVALID	# LATIN SMALL LETTER E WITH CIRCUMFLEX AND GRA
1EC2	; DISALLOWED	# LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND H
1EC3	; PVALID	# LATIN SMALL LETTER E WITH CIRCUMFLEX AND HOO
1EC4	; DISALLOWED	# LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND T
1EC5	; PVALID	# LATIN SMALL LETTER E WITH CIRCUMFLEX AND TIL
1EC6	; DISALLOWED	# LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND D
1EC7	; PVALID	# LATIN SMALL LETTER E WITH CIRCUMFLEX AND DOT
1EC8	; DISALLOWED	# LATIN CAPITAL LETTER I WITH HOOK ABOVE
1EC9	; PVALID	# LATIN SMALL LETTER I WITH HOOK ABOVE
1ECA	; DISALLOWED	# LATIN CAPITAL LETTER I WITH DOT BELOW
1ECB	; PVALID	# LATIN SMALL LETTER I WITH DOT BELOW
1ECC	; DISALLOWED	# LATIN CAPITAL LETTER O WITH DOT BELOW

1ECD	; PVALID	# LATIN SMALL LETTER O WITH DOT BELOW
1ECE	; DISALLOWED	# LATIN CAPITAL LETTER O WITH HOOK ABOVE
1ECF	; PVALID	# LATIN SMALL LETTER O WITH HOOK ABOVE
1ED0	; DISALLOWED	# LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND A
1ED1	; PVALID	# LATIN SMALL LETTER O WITH CIRCUMFLEX AND ACU
1ED2	; DISALLOWED	# LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND G
1ED3	; PVALID	# LATIN SMALL LETTER O WITH CIRCUMFLEX AND GRA
1ED4	; DISALLOWED	# LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND H
1ED5	; PVALID	# LATIN SMALL LETTER O WITH CIRCUMFLEX AND HOO
1ED6	; DISALLOWED	# LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND T
1ED7	; PVALID	# LATIN SMALL LETTER O WITH CIRCUMFLEX AND TIL
1ED8	; DISALLOWED	# LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND D
1ED9	; PVALID	# LATIN SMALL LETTER O WITH CIRCUMFLEX AND DOT
1EDA	; DISALLOWED	# LATIN CAPITAL LETTER O WITH HORN AND ACUTE
1EDB	; PVALID	# LATIN SMALL LETTER O WITH HORN AND ACUTE
1EDC	; DISALLOWED	# LATIN CAPITAL LETTER O WITH HORN AND GRAVE
1EDD	; PVALID	# LATIN SMALL LETTER O WITH HORN AND GRAVE
1EDE	; DISALLOWED	# LATIN CAPITAL LETTER O WITH HORN AND HOOK AB
1EDF	; PVALID	# LATIN SMALL LETTER O WITH HORN AND HOOK ABOV
1EE0	; DISALLOWED	# LATIN CAPITAL LETTER O WITH HORN AND TILDE
1EE1	; PVALID	# LATIN SMALL LETTER O WITH HORN AND TILDE
1EE2	; DISALLOWED	# LATIN CAPITAL LETTER O WITH HORN AND DOT BEL
1EE3	; PVALID	# LATIN SMALL LETTER O WITH HORN AND DOT BELOW
1EE4	; DISALLOWED	# LATIN CAPITAL LETTER U WITH DOT BELOW
1EE5	; PVALID	# LATIN SMALL LETTER U WITH DOT BELOW
1EE6	; DISALLOWED	# LATIN CAPITAL LETTER U WITH HOOK ABOVE
1EE7	; PVALID	# LATIN SMALL LETTER U WITH HOOK ABOVE
1EE8	; DISALLOWED	# LATIN CAPITAL LETTER U WITH HORN AND ACUTE
1EE9	; PVALID	# LATIN SMALL LETTER U WITH HORN AND ACUTE
1EEA	; DISALLOWED	# LATIN CAPITAL LETTER U WITH HORN AND GRAVE
1EEB	; PVALID	# LATIN SMALL LETTER U WITH HORN AND GRAVE
1EEC	; DISALLOWED	# LATIN CAPITAL LETTER U WITH HORN AND HOOK AB
1EED	; PVALID	# LATIN SMALL LETTER U WITH HORN AND HOOK ABOV
1EEE	; DISALLOWED	# LATIN CAPITAL LETTER U WITH HORN AND TILDE
1EEF	; PVALID	# LATIN SMALL LETTER U WITH HORN AND TILDE
1EF0	; DISALLOWED	# LATIN CAPITAL LETTER U WITH HORN AND DOT BEL
1EF1	; PVALID	# LATIN SMALL LETTER U WITH HORN AND DOT BELOW
1EF2	; DISALLOWED	# LATIN CAPITAL LETTER Y WITH GRAVE
1EF3	; PVALID	# LATIN SMALL LETTER Y WITH GRAVE
1EF4	; DISALLOWED	# LATIN CAPITAL LETTER Y WITH DOT BELOW
1EF5	; PVALID	# LATIN SMALL LETTER Y WITH DOT BELOW
1EF6	; DISALLOWED	# LATIN CAPITAL LETTER Y WITH HOOK ABOVE
1EF7	; PVALID	# LATIN SMALL LETTER Y WITH HOOK ABOVE
1EF8	; DISALLOWED	# LATIN CAPITAL LETTER Y WITH TILDE
1EF9	; PVALID	# LATIN SMALL LETTER Y WITH TILDE
1EFA..1EFF	; UNASSIGNED	# <reserved>.. <reserved>
1F00..1F07	; PVALID	# GREEK SMALL LETTER ALPHA WITH PSILI..GREEK S
1F08..1F0F	; DISALLOWED	# GREEK CAPITAL LETTER ALPHA WITH PSILI..GREEK
1F10..1F15	; PVALID	# GREEK SMALL LETTER EPSILON WITH PSILI..GREEK

1F16..1F17	; UNASSIGNED	# <reserved>..<reserved>
1F18..1F1D	; DISALLOWED	# GREEK CAPITAL LETTER EPSILON WITH PSILI..GRE
1F1E..1F1F	; UNASSIGNED	# <reserved>..<reserved>
1F20..1F27	; PVALID	# GREEK SMALL LETTER ETA WITH PSILI..GREEK SMA
1F28..1F2F	; DISALLOWED	# GREEK CAPITAL LETTER ETA WITH PSILI..GREEK C
1F30..1F37	; PVALID	# GREEK SMALL LETTER IOTA WITH PSILI..GREEK SM
1F38..1F3F	; DISALLOWED	# GREEK CAPITAL LETTER IOTA WITH PSILI..GREEK
1F40..1F45	; PVALID	# GREEK SMALL LETTER OMICRON WITH PSILI..GREEK
1F46..1F47	; UNASSIGNED	# <reserved>..<reserved>
1F48..1F4D	; DISALLOWED	# GREEK CAPITAL LETTER OMICRON WITH PSILI..GRE
1F4E..1F4F	; UNASSIGNED	# <reserved>..<reserved>
1F50..1F57	; PVALID	# GREEK SMALL LETTER UPSILON WITH PSILI..GREEK
1F58	; UNASSIGNED	# <reserved>
1F59	; DISALLOWED	# GREEK CAPITAL LETTER UPSILON WITH DASIA
1F5A	; UNASSIGNED	# <reserved>
1F5B	; DISALLOWED	# GREEK CAPITAL LETTER UPSILON WITH DASIA AND
1F5C	; UNASSIGNED	# <reserved>
1F5D	; DISALLOWED	# GREEK CAPITAL LETTER UPSILON WITH DASIA AND
1F5E	; UNASSIGNED	# <reserved>
1F5F	; DISALLOWED	# GREEK CAPITAL LETTER UPSILON WITH DASIA AND
1F60..1F67	; PVALID	# GREEK SMALL LETTER OMEGA WITH PSILI..GREEK S
1F68..1F6F	; DISALLOWED	# GREEK CAPITAL LETTER OMEGA WITH PSILI..GREEK
1F70	; PVALID	# GREEK SMALL LETTER ALPHA WITH VARIA
1F71	; DISALLOWED	# GREEK SMALL LETTER ALPHA WITH OXIA
1F72	; PVALID	# GREEK SMALL LETTER EPSILON WITH VARIA
1F73	; DISALLOWED	# GREEK SMALL LETTER EPSILON WITH OXIA
1F74	; PVALID	# GREEK SMALL LETTER ETA WITH VARIA
1F75	; DISALLOWED	# GREEK SMALL LETTER ETA WITH OXIA
1F76	; PVALID	# GREEK SMALL LETTER IOTA WITH VARIA
1F77	; DISALLOWED	# GREEK SMALL LETTER IOTA WITH OXIA
1F78	; PVALID	# GREEK SMALL LETTER OMICRON WITH VARIA
1F79	; DISALLOWED	# GREEK SMALL LETTER OMICRON WITH OXIA
1F7A	; PVALID	# GREEK SMALL LETTER UPSILON WITH VARIA
1F7B	; DISALLOWED	# GREEK SMALL LETTER UPSILON WITH OXIA
1F7C	; PVALID	# GREEK SMALL LETTER OMEGA WITH VARIA
1F7D	; DISALLOWED	# GREEK SMALL LETTER OMEGA WITH OXIA
1F7E..1F7F	; UNASSIGNED	# <reserved>..<reserved>
1F80..1FAF	; DISALLOWED	# GREEK SMALL LETTER ALPHA WITH PSILI AND YPOG
1FB0..1FB1	; PVALID	# GREEK SMALL LETTER ALPHA WITH VRACHY..GREEK
1FB2..1FB4	; DISALLOWED	# GREEK SMALL LETTER ALPHA WITH VARIA AND YPOG
1FB5	; UNASSIGNED	# <reserved>
1FB6	; PVALID	# GREEK SMALL LETTER ALPHA WITH PERISPOMENI
1FB7..1FC4	; DISALLOWED	# GREEK SMALL LETTER ALPHA WITH PERISPOMENI AN
1FC5	; UNASSIGNED	# <reserved>
1FC6	; PVALID	# GREEK SMALL LETTER ETA WITH PERISPOMENI
1FC7..1FCF	; DISALLOWED	# GREEK SMALL LETTER ETA WITH PERISPOMENI AND
1FD0..1FD2	; PVALID	# GREEK SMALL LETTER IOTA WITH VRACHY..GREEK S
1FD3	; DISALLOWED	# GREEK SMALL LETTER IOTA WITH DIALYTIKA AND O
1FD4..1FD5	; UNASSIGNED	# <reserved>..<reserved>

1FD6..1FD7	; PVALID	# GREEK SMALL LETTER IOTA WITH PERISPOMENI..GR
1FD8..1FDB	; DISALLOWED	# GREEK CAPITAL LETTER IOTA WITH VRACHY..GREEK
1FDC	; UNASSIGNED	# <reserved>
1FDD..1FDF	; DISALLOWED	# GREEK DASIA AND VARIA..GREEK DASIA AND PERIS
1FE0..1FE2	; PVALID	# GREEK SMALL LETTER UPSILON WITH VRACHY..GREEK
1FE3	; DISALLOWED	# GREEK SMALL LETTER UPSILON WITH DIALYTIKA AN
1FE4..1FE7	; PVALID	# GREEK SMALL LETTER RHO WITH PSILI..GREEK SMA
1FE8..1FEF	; DISALLOWED	# GREEK CAPITAL LETTER UPSILON WITH VRACHY..GR
1FF0..1FF1	; UNASSIGNED	# <reserved>..<reserved>
1FF2..1FF4	; DISALLOWED	# GREEK SMALL LETTER OMEGA WITH VARIA AND YPOG
1FF5	; UNASSIGNED	# <reserved>
1FF6	; PVALID	# GREEK SMALL LETTER OMEGA WITH PERISPOMENI
1FF7..1FFE	; DISALLOWED	# GREEK SMALL LETTER OMEGA WITH PERISPOMENI AN
1FFF	; UNASSIGNED	# <reserved>
2000..200A	; DISALLOWED	# EN QUAD..HAIR SPACE
200B	; CONTEXT0	# ZERO WIDTH SPACE
200C..200D	; CONTEXTJ	# ZERO WIDTH NON-JOINER..ZERO WIDTH JOINER
200E..200F	; CONTEXT0	# LEFT-TO-RIGHT MARK..RIGHT-TO-LEFT MARK
2010..2029	; DISALLOWED	# HYPHEN..PARAGRAPH SEPARATOR
202A..202E	; CONTEXT0	# LEFT-TO-RIGHT EMBEDDING..RIGHT-TO-LEFT OVERR
202F..205F	; DISALLOWED	# NARROW NO-BREAK SPACE..MEDIUM MATHEMATICAL S
2060..2063	; CONTEXT0	# WORD JOINER..INVISIBLE SEPARATOR
2064..2069	; DISALLOWED	# <reserved>..<reserved>
206A..206F	; CONTEXT0	# INHIBIT SYMMETRIC SWAPPING..NOMINAL DIGIT SH
2070..2071	; DISALLOWED	# SUPERScript ZERO..SUPERScript LATIN SMALL LE
2072..2073	; UNASSIGNED	# <reserved>..<reserved>
2074..208E	; DISALLOWED	# SUPERScript FOUR..SUBSCRIPT RIGHT PARENTHESI
208F	; UNASSIGNED	# <reserved>
2090..2094	; DISALLOWED	# LATIN SUBSCRIPT SMALL LETTER A..LATIN SUBSCR
2095..209F	; UNASSIGNED	# <reserved>..<reserved>
20A0..20B5	; DISALLOWED	# EURO-CURRENCY SIGN..CEDI SIGN
20B6..20CF	; UNASSIGNED	# <reserved>..<reserved>
20D0..214D	; DISALLOWED	# COMBINING LEFT HARPOON ABOVE..AKTIESELSKAB
214E	; PVALID	# TURNED SMALL F
214F..2152	; UNASSIGNED	# <reserved>..<reserved>
2153..2183	; DISALLOWED	# VULGAR FRACTION ONE THIRD..ROMAN NUMERAL REV
2184	; PVALID	# LATIN SMALL LETTER REVERSED C
2185..218F	; UNASSIGNED	# <reserved>..<reserved>
2190..23E7	; DISALLOWED	# LEFTWARDS ARROW..ELECTRICAL INTERSECTION
23E8..23FF	; UNASSIGNED	# <reserved>..<reserved>
2400..2426	; DISALLOWED	# SYMBOL FOR NULL..SYMBOL FOR SUBSTITUTE FORM
2427..243F	; UNASSIGNED	# <reserved>..<reserved>
2440..244A	; DISALLOWED	# OCR HOOK..OCR DOUBLE BACKSLASH
244B..245F	; UNASSIGNED	# <reserved>..<reserved>
2460..269C	; DISALLOWED	# CIRCLED DIGIT ONE..FLEUR-DE-LIS
269D..269F	; UNASSIGNED	# <reserved>..<reserved>
26A0..26B2	; DISALLOWED	# WARNING SIGN..NEUTER
26B3..2700	; UNASSIGNED	# <reserved>..<reserved>
2701..2704	; DISALLOWED	# UPPER BLADE SCISSORS..WHITE SCISSORS

2705	; UNASSIGNED	# <reserved>
2706..2709	; DISALLOWED	# TELEPHONE LOCATION SIGN..ENVELOPE
270A..270B	; UNASSIGNED	# <reserved>..<reserved>
270C..2727	; DISALLOWED	# VICTORY HAND..WHITE FOUR POINTED STAR
2728	; UNASSIGNED	# <reserved>
2729..274B	; DISALLOWED	# STRESS OUTLINED WHITE STAR..HEAVY EIGHT TEAR
274C	; UNASSIGNED	# <reserved>
274D	; DISALLOWED	# SHADOWED WHITE CIRCLE
274E	; UNASSIGNED	# <reserved>
274F..2752	; DISALLOWED	# LOWER RIGHT DROP-SHADOWED WHITE SQUARE..UPPE
2753..2755	; UNASSIGNED	# <reserved>..<reserved>
2756	; DISALLOWED	# BLACK DIAMOND MINUS WHITE X
2757	; UNASSIGNED	# <reserved>
2758..275E	; DISALLOWED	# LIGHT VERTICAL BAR..HEAVY DOUBLE COMMA QUOTA
275F..2760	; UNASSIGNED	# <reserved>..<reserved>
2761..2794	; DISALLOWED	# CURVED STEM PARAGRAPH SIGN ORNAMENT..HEAVY W
2795..2797	; UNASSIGNED	# <reserved>..<reserved>
2798..27AF	; DISALLOWED	# HEAVY SOUTH EAST ARROW..NOTCHED LOWER RIGHT-
27B0	; UNASSIGNED	# <reserved>
27B1..27BE	; DISALLOWED	# NOTCHED UPPER RIGHT-SHADOWED WHITE RIGHTWARD
27BF	; UNASSIGNED	# <reserved>
27C0..27CA	; DISALLOWED	# THREE DIMENSIONAL ANGLE..VERTICAL BAR WITH H
27CB..27CF	; UNASSIGNED	# <reserved>..<reserved>
27D0..27EB	; DISALLOWED	# WHITE DIAMOND WITH CENTRED DOT..MATHEMATICAL
27EC..27EF	; UNASSIGNED	# <reserved>..<reserved>
27F0..2B1A	; DISALLOWED	# UPWARDS QUADRUPLE ARROW..DOTTED SQUARE
2B1B..2B1F	; UNASSIGNED	# <reserved>..<reserved>
2B20..2B23	; DISALLOWED	# WHITE PENTAGON..HORIZONTAL BLACK HEXAGON
2B24..2BFF	; UNASSIGNED	# <reserved>..<reserved>
2C00..2C2E	; DISALLOWED	# GLAGOLITIC CAPITAL LETTER AZU..GLAGOLITIC CA
2C2F	; UNASSIGNED	# <reserved>
2C30..2C5E	; PVALID	# GLAGOLITIC SMALL LETTER AZU..GLAGOLITIC SMAL
2C5F	; UNASSIGNED	# <reserved>
2C60	; DISALLOWED	# LATIN CAPITAL LETTER L WITH DOUBLE BAR
2C61	; PVALID	# LATIN SMALL LETTER L WITH DOUBLE BAR
2C62..2C64	; DISALLOWED	# LATIN CAPITAL LETTER L WITH MIDDLE TILDE..LA
2C65..2C66	; PVALID	# LATIN SMALL LETTER A WITH STROKE..LATIN SMAL
2C67	; DISALLOWED	# LATIN CAPITAL LETTER H WITH DESCENDER
2C68	; PVALID	# LATIN SMALL LETTER H WITH DESCENDER
2C69	; DISALLOWED	# LATIN CAPITAL LETTER K WITH DESCENDER
2C6A	; PVALID	# LATIN SMALL LETTER K WITH DESCENDER
2C6B	; DISALLOWED	# LATIN CAPITAL LETTER Z WITH DESCENDER
2C6C	; PVALID	# LATIN SMALL LETTER Z WITH DESCENDER
2C6D..2C73	; UNASSIGNED	# <reserved>..<reserved>
2C74	; PVALID	# LATIN SMALL LETTER V WITH CURL
2C75	; DISALLOWED	# LATIN CAPITAL LETTER HALF H
2C76..2C77	; PVALID	# LATIN SMALL LETTER HALF H..LATIN SMALL LETTE
2C78..2C7F	; UNASSIGNED	# <reserved>..<reserved>
2C80	; DISALLOWED	# COPTIC CAPITAL LETTER ALFA

2C81	; PVALID	# COPTIC SMALL LETTER ALFA
2C82	; DISALLOWED	# COPTIC CAPITAL LETTER VIDA
2C83	; PVALID	# COPTIC SMALL LETTER VIDA
2C84	; DISALLOWED	# COPTIC CAPITAL LETTER GAMMA
2C85	; PVALID	# COPTIC SMALL LETTER GAMMA
2C86	; DISALLOWED	# COPTIC CAPITAL LETTER DALDA
2C87	; PVALID	# COPTIC SMALL LETTER DALDA
2C88	; DISALLOWED	# COPTIC CAPITAL LETTER EIE
2C89	; PVALID	# COPTIC SMALL LETTER EIE
2C8A	; DISALLOWED	# COPTIC CAPITAL LETTER SOU
2C8B	; PVALID	# COPTIC SMALL LETTER SOU
2C8C	; DISALLOWED	# COPTIC CAPITAL LETTER ZATA
2C8D	; PVALID	# COPTIC SMALL LETTER ZATA
2C8E	; DISALLOWED	# COPTIC CAPITAL LETTER HATE
2C8F	; PVALID	# COPTIC SMALL LETTER HATE
2C90	; DISALLOWED	# COPTIC CAPITAL LETTER THETHE
2C91	; PVALID	# COPTIC SMALL LETTER THETHE
2C92	; DISALLOWED	# COPTIC CAPITAL LETTER IAUDA
2C93	; PVALID	# COPTIC SMALL LETTER IAUDA
2C94	; DISALLOWED	# COPTIC CAPITAL LETTER KAPA
2C95	; PVALID	# COPTIC SMALL LETTER KAPA
2C96	; DISALLOWED	# COPTIC CAPITAL LETTER LAULA
2C97	; PVALID	# COPTIC SMALL LETTER LAULA
2C98	; DISALLOWED	# COPTIC CAPITAL LETTER MI
2C99	; PVALID	# COPTIC SMALL LETTER MI
2C9A	; DISALLOWED	# COPTIC CAPITAL LETTER NI
2C9B	; PVALID	# COPTIC SMALL LETTER NI
2C9C	; DISALLOWED	# COPTIC CAPITAL LETTER KSI
2C9D	; PVALID	# COPTIC SMALL LETTER KSI
2C9E	; DISALLOWED	# COPTIC CAPITAL LETTER O
2C9F	; PVALID	# COPTIC SMALL LETTER O
2CA0	; DISALLOWED	# COPTIC CAPITAL LETTER PI
2CA1	; PVALID	# COPTIC SMALL LETTER PI
2CA2	; DISALLOWED	# COPTIC CAPITAL LETTER RO
2CA3	; PVALID	# COPTIC SMALL LETTER RO
2CA4	; DISALLOWED	# COPTIC CAPITAL LETTER SIMA
2CA5	; PVALID	# COPTIC SMALL LETTER SIMA
2CA6	; DISALLOWED	# COPTIC CAPITAL LETTER TAU
2CA7	; PVALID	# COPTIC SMALL LETTER TAU
2CA8	; DISALLOWED	# COPTIC CAPITAL LETTER UA
2CA9	; PVALID	# COPTIC SMALL LETTER UA
2CAA	; DISALLOWED	# COPTIC CAPITAL LETTER FI
2CAB	; PVALID	# COPTIC SMALL LETTER FI
2CAC	; DISALLOWED	# COPTIC CAPITAL LETTER KHI
2CAD	; PVALID	# COPTIC SMALL LETTER KHI
2CAE	; DISALLOWED	# COPTIC CAPITAL LETTER PSI
2CAF	; PVALID	# COPTIC SMALL LETTER PSI
2CB0	; DISALLOWED	# COPTIC CAPITAL LETTER OOU
2CB1	; PVALID	# COPTIC SMALL LETTER OOU

2CB2	; DISALLOWED	# COPTIC CAPITAL LETTER DIALECT-P ALEF
2CB3	; PVALID	# COPTIC SMALL LETTER DIALECT-P ALEF
2CB4	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC AIN
2CB5	; PVALID	# COPTIC SMALL LETTER OLD COPTIC AIN
2CB6	; DISALLOWED	# COPTIC CAPITAL LETTER CRYPTOGRAMMIC EIE
2CB7	; PVALID	# COPTIC SMALL LETTER CRYPTOGRAMMIC EIE
2CB8	; DISALLOWED	# COPTIC CAPITAL LETTER DIALECT-P KAPA
2CB9	; PVALID	# COPTIC SMALL LETTER DIALECT-P KAPA
2CBA	; DISALLOWED	# COPTIC CAPITAL LETTER DIALECT-P NI
2CBB	; PVALID	# COPTIC SMALL LETTER DIALECT-P NI
2CBC	; DISALLOWED	# COPTIC CAPITAL LETTER CRYPTOGRAMMIC NI
2CBD	; PVALID	# COPTIC SMALL LETTER CRYPTOGRAMMIC NI
2CBE	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC OOU
2CBF	; PVALID	# COPTIC SMALL LETTER OLD COPTIC OOU
2CC0	; DISALLOWED	# COPTIC CAPITAL LETTER SAMPI
2CC1	; PVALID	# COPTIC SMALL LETTER SAMPI
2CC2	; DISALLOWED	# COPTIC CAPITAL LETTER CROSSED SHEI
2CC3	; PVALID	# COPTIC SMALL LETTER CROSSED SHEI
2CC4	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC SHEI
2CC5	; PVALID	# COPTIC SMALL LETTER OLD COPTIC SHEI
2CC6	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC ESH
2CC7	; PVALID	# COPTIC SMALL LETTER OLD COPTIC ESH
2CC8	; DISALLOWED	# COPTIC CAPITAL LETTER AKHMIMIC KHEI
2CC9	; PVALID	# COPTIC SMALL LETTER AKHMIMIC KHEI
2CCA	; DISALLOWED	# COPTIC CAPITAL LETTER DIALECT-P HORI
2CCB	; PVALID	# COPTIC SMALL LETTER DIALECT-P HORI
2CCC	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC HORI
2CCD	; PVALID	# COPTIC SMALL LETTER OLD COPTIC HORI
2CCE	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC HA
2CCF	; PVALID	# COPTIC SMALL LETTER OLD COPTIC HA
2CD0	; DISALLOWED	# COPTIC CAPITAL LETTER L-SHAPED HA
2CD1	; PVALID	# COPTIC SMALL LETTER L-SHAPED HA
2CD2	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC HEI
2CD3	; PVALID	# COPTIC SMALL LETTER OLD COPTIC HEI
2CD4	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC HAT
2CD5	; PVALID	# COPTIC SMALL LETTER OLD COPTIC HAT
2CD6	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC GANGIA
2CD7	; PVALID	# COPTIC SMALL LETTER OLD COPTIC GANGIA
2CD8	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC DJA
2CD9	; PVALID	# COPTIC SMALL LETTER OLD COPTIC DJA
2CDA	; DISALLOWED	# COPTIC CAPITAL LETTER OLD COPTIC SHIMA
2CDB	; PVALID	# COPTIC SMALL LETTER OLD COPTIC SHIMA
2CDC	; DISALLOWED	# COPTIC CAPITAL LETTER OLD NUBIAN SHIMA
2CDD	; PVALID	# COPTIC SMALL LETTER OLD NUBIAN SHIMA
2CDE	; DISALLOWED	# COPTIC CAPITAL LETTER OLD NUBIAN NGI
2CDF	; PVALID	# COPTIC SMALL LETTER OLD NUBIAN NGI
2CE0	; DISALLOWED	# COPTIC CAPITAL LETTER OLD NUBIAN NYI
2CE1	; PVALID	# COPTIC SMALL LETTER OLD NUBIAN NYI
2CE2	; DISALLOWED	# COPTIC CAPITAL LETTER OLD NUBIAN WAU

2CE3..2CE4	; PVALID	# COPTIC SMALL LETTER OLD NUBIAN WAU..COPTIC S
2CE5..2CEA	; DISALLOWED	# COPTIC SYMBOL MI RO..COPTIC SYMBOL SHIMA SIM
2CEB..2CF8	; UNASSIGNED	# <reserved>..<reserved>
2CF9..2CFF	; DISALLOWED	# COPTIC OLD NUBIAN FULL STOP..COPTIC MORPHOLO
2D00..2D25	; PVALID	# GEORGIAN SMALL LETTER AN..GEORGIAN SMALL LET
2D26..2D2F	; UNASSIGNED	# <reserved>..<reserved>
2D30..2D65	; PVALID	# TIFINAGH LETTER YA..TIFINAGH LETTER YAZZ
2D66..2D6E	; UNASSIGNED	# <reserved>..<reserved>
2D6F	; DISALLOWED	# TIFINAGH MODIFIER LETTER LABIALIZATION MARK
2D70..2D7F	; UNASSIGNED	# <reserved>..<reserved>
2D80..2D96	; PVALID	# ETHIOPIC SYLLABLE LOA..ETHIOPIC SYLLABLE GW
2D97..2D9F	; UNASSIGNED	# <reserved>..<reserved>
2DA0..2DA6	; PVALID	# ETHIOPIC SYLLABLE SSA..ETHIOPIC SYLLABLE SSO
2DA7	; UNASSIGNED	# <reserved>
2DA8..2DAE	; PVALID	# ETHIOPIC SYLLABLE CCA..ETHIOPIC SYLLABLE CCO
2DAF	; UNASSIGNED	# <reserved>
2DB0..2DB6	; PVALID	# ETHIOPIC SYLLABLE ZZA..ETHIOPIC SYLLABLE ZZO
2DB7	; UNASSIGNED	# <reserved>
2DB8..2DBE	; PVALID	# ETHIOPIC SYLLABLE CCHA..ETHIOPIC SYLLABLE CC
2DBF	; UNASSIGNED	# <reserved>
2DC0..2DC6	; PVALID	# ETHIOPIC SYLLABLE QYA..ETHIOPIC SYLLABLE QYO
2DC7	; UNASSIGNED	# <reserved>
2DC8..2DCE	; PVALID	# ETHIOPIC SYLLABLE KYA..ETHIOPIC SYLLABLE KYO
2DCF	; UNASSIGNED	# <reserved>
2DD0..2DD6	; PVALID	# ETHIOPIC SYLLABLE XYA..ETHIOPIC SYLLABLE XYO
2DD7	; UNASSIGNED	# <reserved>
2DD8..2DDE	; PVALID	# ETHIOPIC SYLLABLE GYA..ETHIOPIC SYLLABLE GYO
2DDF..2DFF	; UNASSIGNED	# <reserved>..<reserved>
2E00..2E17	; DISALLOWED	# RIGHT ANGLE SUBSTITUTION MARKER..DOUBLE OBLI
2E18..2E1B	; UNASSIGNED	# <reserved>..<reserved>
2E1C..2E1D	; DISALLOWED	# LEFT LOW PARAPHRASE BRACKET..RIGHT LOW PARAP
2E1E..2E7F	; UNASSIGNED	# <reserved>..<reserved>
2E80..2E99	; DISALLOWED	# CJK RADICAL REPEAT..CJK RADICAL RAP
2E9A	; UNASSIGNED	# <reserved>
2E9B..2EF3	; DISALLOWED	# CJK RADICAL CHOKE..CJK RADICAL C-SIMPLIFIED
2EF4..2EFF	; UNASSIGNED	# <reserved>..<reserved>
2F00..2FD5	; DISALLOWED	# KANGXI RADICAL ONE..KANGXI RADICAL FLUTE
2FD6..2FEF	; UNASSIGNED	# <reserved>..<reserved>
2FF0..2FFB	; DISALLOWED	# IDEOGRAPHIC DESCRIPTION CHARACTER LEFT TO RI
2FFC..2FFF	; UNASSIGNED	# <reserved>..<reserved>
3000..3004	; DISALLOWED	# IDEOGRAPHIC SPACE..JAPANESE INDUSTRIAL STAND
3005	; CONTEXTO	# IDEOGRAPHIC ITERATION MARK
3006..3007	; PVALID	# IDEOGRAPHIC CLOSING MARK..IDEOGRAPHIC NUMBER
3008..3029	; DISALLOWED	# LEFT ANGLE BRACKET..HANGZHOU NUMERAL NINE
302A..302F	; PVALID	# IDEOGRAPHIC LEVEL TONE MARK..HANGUL DOUBLE D
3030	; DISALLOWED	# WAVY DASH
3031..3035	; PVALID	# VERTICAL KANA REPEAT MARK..VERTICAL KANA REP
3036..303A	; DISALLOWED	# CIRCLED POSTAL MARK..HANGZHOU NUMERAL THIRTY
303B	; CONTEXTO	# VERTICAL IDEOGRAPHIC ITERATION MARK

303C	; PVALID	# MASU MARK
303D..303F	; DISALLOWED	# PART ALTERNATION MARK..IDEOGRAPHIC HALF FILL
3040	; UNASSIGNED	# <reserved>
3041..3096	; PVALID	# HIRAGANA LETTER SMALL A..HIRAGANA LETTER SMA
3097..3098	; UNASSIGNED	# <reserved>..<reserved>
3099..309A	; PVALID	# COMBINING KATAKANA-HIRAGANA VOICED SOUND MAR
309B..309C	; DISALLOWED	# KATAKANA-HIRAGANA VOICED SOUND MARK..KATAKAN
309D..309E	; PVALID	# HIRAGANA ITERATION MARK..HIRAGANA VOICED ITE
309F..30A0	; DISALLOWED	# HIRAGANA DIGRAPH YORI..KATAKANA-HIRAGANA DOU
30A1..30FA	; PVALID	# KATAKANA LETTER SMALL A..KATAKANA LETTER VO
30FB	; CONTEXTO	# KATAKANA MIDDLE DOT
30FC..30FE	; PVALID	# KATAKANA-HIRAGANA PROLONGED SOUND MARK..KATA
30FF	; DISALLOWED	# KATAKANA DIGRAPH KOTO
3100..3104	; UNASSIGNED	# <reserved>..<reserved>
3105..312C	; PVALID	# BOPOMOFO LETTER B..BOPOMOFO LETTER GN
312D..3130	; UNASSIGNED	# <reserved>..<reserved>
3131..318E	; DISALLOWED	# HANGUL LETTER KIYEOK..HANGUL LETTER ARAEAE
318F	; UNASSIGNED	# <reserved>
3190..319F	; DISALLOWED	# IDEOGRAPHIC ANNOTATION LINKING MARK..IDEOGRA
31A0..31B7	; PVALID	# BOPOMOFO LETTER BU..BOPOMOFO FINAL LETTER H
31B8..31BF	; UNASSIGNED	# <reserved>..<reserved>
31C0..31CF	; DISALLOWED	# CJK STROKE T..CJK STROKE N
31D0..31EF	; UNASSIGNED	# <reserved>..<reserved>
31F0..31FF	; PVALID	# KATAKANA LETTER SMALL KU..KATAKANA LETTER SM
3200..321E	; DISALLOWED	# PARENTHESES HANGUL KIYEOK..PARENTHESES K
321F	; UNASSIGNED	# <reserved>
3220..3243	; DISALLOWED	# PARENTHESES IDEOGRAPH ONE..PARENTHESES I
3244..324F	; UNASSIGNED	# <reserved>..<reserved>
3250..32FE	; DISALLOWED	# PARTNERSHIP SIGN..CIRCLED KATAKANA WO
32FF	; UNASSIGNED	# <reserved>
3300..33FF	; DISALLOWED	# SQUARE APAATO..SQUARE GAL
3400..4DB5	; PVALID	# <CJK Ideograph Extension A>..<CJK Ideograph
4DB6..4DBF	; UNASSIGNED	# <reserved>..<reserved>
4DC0..4DFF	; DISALLOWED	# HEXAGRAM FOR THE CREATIVE HEAVEN..HEXAGRAM F
4E00..9FBB	; PVALID	# <CJK Ideograph>..<CJK Ideograph>
9FBC..9FFF	; UNASSIGNED	# <reserved>..<reserved>
A000..A48C	; PVALID	# YI SYLLABLE IT..YI SYLLABLE YYR
A48D..A48F	; UNASSIGNED	# <reserved>..<reserved>
A490..A4C6	; DISALLOWED	# YI RADICAL QOT..YI RADICAL KE
A4C7..A6FF	; UNASSIGNED	# <reserved>..<reserved>
A700..A716	; DISALLOWED	# MODIFIER LETTER CHINESE TONE YIN PING..MODIF
A717..A71A	; PVALID	# MODIFIER LETTER DOT VERTICAL BAR..MODIFIER L
A71B..A71F	; UNASSIGNED	# <reserved>..<reserved>
A720..A721	; DISALLOWED	# MODIFIER LETTER STRESS AND HIGH TONE..MODIFI
A722..A7FF	; UNASSIGNED	# <reserved>..<reserved>
A800..A827	; PVALID	# SYLOTI NAGRI LETTER A..SYLOTI NAGRI VOWEL SI
A828..A82B	; DISALLOWED	# SYLOTI NAGRI POETRY MARK-1..SYLOTI NAGRI POE
A82C..A83F	; UNASSIGNED	# <reserved>..<reserved>
A840..A873	; PVALID	# PHAGS-PA LETTER KA..PHAGS-PA LETTER CANDRABI

A874..A877	; DISALLOWED	# PHAGS-PA SINGLE HEAD MARK..PHAGS-PA MARK DOU
A878..ABFF	; UNASSIGNED	# <reserved>..<reserved>
AC00..D7A3	; PVALID	# <Hangul Syllable>..<Hangul Syllable>
D7A4..D7FF	; UNASSIGNED	# <reserved>..<reserved>
D800..FA0D	; DISALLOWED	# <Non Private Use High Surrogate>..CJK COMPAT
FA0E..FA0F	; PVALID	# CJK COMPATIBILITY IDEOGRAPH-FA0E..CJK COMPAT
FA10	; DISALLOWED	# CJK COMPATIBILITY IDEOGRAPH-FA10
FA11	; PVALID	# CJK COMPATIBILITY IDEOGRAPH-FA11
FA12	; DISALLOWED	# CJK COMPATIBILITY IDEOGRAPH-FA12
FA13..FA14	; PVALID	# CJK COMPATIBILITY IDEOGRAPH-FA13..CJK COMPAT
FA15..FA1E	; DISALLOWED	# CJK COMPATIBILITY IDEOGRAPH-FA15..CJK COMPAT
FA1F	; PVALID	# CJK COMPATIBILITY IDEOGRAPH-FA1F
FA20	; DISALLOWED	# CJK COMPATIBILITY IDEOGRAPH-FA20
FA21	; PVALID	# CJK COMPATIBILITY IDEOGRAPH-FA21
FA22	; DISALLOWED	# CJK COMPATIBILITY IDEOGRAPH-FA22
FA23..FA24	; PVALID	# CJK COMPATIBILITY IDEOGRAPH-FA23..CJK COMPAT
FA25..FA26	; DISALLOWED	# CJK COMPATIBILITY IDEOGRAPH-FA25..CJK COMPAT
FA27..FA29	; PVALID	# CJK COMPATIBILITY IDEOGRAPH-FA27..CJK COMPAT
FA2A..FA2D	; DISALLOWED	# CJK COMPATIBILITY IDEOGRAPH-FA2A..CJK COMPAT
FA2E..FA2F	; UNASSIGNED	# <reserved>..<reserved>
FA30..FA6A	; DISALLOWED	# CJK COMPATIBILITY IDEOGRAPH-FA30..CJK COMPAT
FA6B..FA6F	; UNASSIGNED	# <reserved>..<reserved>
FA70..FAD9	; DISALLOWED	# CJK COMPATIBILITY IDEOGRAPH-FA70..CJK COMPAT
FADA..FAFF	; UNASSIGNED	# <reserved>..<reserved>
FB00..FB06	; DISALLOWED	# LATIN SMALL LIGATURE FF..LATIN SMALL LIGATUR
FB07..FB12	; UNASSIGNED	# <reserved>..<reserved>
FB13..FB17	; DISALLOWED	# ARMENIAN SMALL LIGATURE MEN NOW..ARMENIAN SM
FB18..FB1C	; UNASSIGNED	# <reserved>..<reserved>
FB1D	; DISALLOWED	# HEBREW LETTER YOD WITH HIRIQ
FB1E	; PVALID	# HEBREW POINT JUDEO-SPANISH VARIKA
FB1F..FB36	; DISALLOWED	# HEBREW LIGATURE YIDDISH YOD YOD PATAH..HEBRE
FB37	; UNASSIGNED	# <reserved>
FB38..FB3C	; DISALLOWED	# HEBREW LETTER TET WITH DAGESH..HEBREW LETTER
FB3D	; UNASSIGNED	# <reserved>
FB3E	; DISALLOWED	# HEBREW LETTER MEM WITH DAGESH
FB3F	; UNASSIGNED	# <reserved>
FB40..FB41	; DISALLOWED	# HEBREW LETTER NUN WITH DAGESH..HEBREW LETTER
FB42	; UNASSIGNED	# <reserved>
FB43..FB44	; DISALLOWED	# HEBREW LETTER FINAL PE WITH DAGESH..HEBREW L
FB45	; UNASSIGNED	# <reserved>
FB46..FBB1	; DISALLOWED	# HEBREW LETTER TSADI WITH DAGESH..ARABIC LETT
FBB2..FBD2	; UNASSIGNED	# <reserved>..<reserved>
FBD3..FD3F	; DISALLOWED	# ARABIC LETTER NG ISOLATED FORM..ORNATE RIGHT
FD40..FD4F	; UNASSIGNED	# <reserved>..<reserved>
FD50..FD8F	; DISALLOWED	# ARABIC LIGATURE TEH WITH JEEM WITH MEEM INIT
FD90..FD91	; UNASSIGNED	# <reserved>..<reserved>
FD92..FDC7	; DISALLOWED	# ARABIC LIGATURE MEEM WITH JEEM WITH KHAH INI
FDC8..FDCF	; UNASSIGNED	# <reserved>..<reserved>
FDD0..FDFD	; DISALLOWED	# <reserved>..ARABIC LIGATURE BISMILLAH AR-RAH

FD FE..FD FF	; UNASSIGNED	# <reserved>..<reserved>
FE00..FE19	; DISALLOWED	# VARIATION SELECTOR-1..PRESENTATION FORM FOR
FE1A..FE1F	; UNASSIGNED	# <reserved>..<reserved>
FE20..FE23	; PVALID	# COMBINING LIGATURE LEFT HALF..COMBINING DOUB
FE24..FE2F	; UNASSIGNED	# <reserved>..<reserved>
FE30..FE52	; DISALLOWED	# PRESENTATION FORM FOR VERTICAL TWO DOT LEADE
FE53	; UNASSIGNED	# <reserved>
FE54..FE66	; DISALLOWED	# SMALL SEMICOLON..SMALL EQUALS SIGN
FE67	; UNASSIGNED	# <reserved>
FE68..FE6B	; DISALLOWED	# SMALL REVERSE SOLIDUS..SMALL COMMERCIAL AT
FE6C..FE6F	; UNASSIGNED	# <reserved>..<reserved>
FE70..FE72	; DISALLOWED	# ARABIC FATHATAN ISOLATED FORM..ARABIC DAMMAT
FE73	; PVALID	# ARABIC TAIL FRAGMENT
FE74	; DISALLOWED	# ARABIC KASRATAN ISOLATED FORM
FE75	; UNASSIGNED	# <reserved>
FE76..FEFC	; DISALLOWED	# ARABIC FATHA ISOLATED FORM..ARABIC LIGATURE
FEFD..FEFE	; UNASSIGNED	# <reserved>..<reserved>
FEFF	; CONTEXT0	# ZERO WIDTH NO-BREAK SPACE
FF00	; UNASSIGNED	# <reserved>
FF01..FFBE	; DISALLOWED	# FULLWIDTH EXCLAMATION MARK..HALFWIDTH HANGUL
FFBF..FFC1	; UNASSIGNED	# <reserved>..<reserved>
FFC2..FFC7	; DISALLOWED	# HALFWIDTH HANGUL LETTER A..HALFWIDTH HANGUL
FFC8..FFC9	; UNASSIGNED	# <reserved>..<reserved>
FFCA..FFCF	; DISALLOWED	# HALFWIDTH HANGUL LETTER YEO..HALFWIDTH HANGU
FFD0..FFD1	; UNASSIGNED	# <reserved>..<reserved>
FFD2..FFD7	; DISALLOWED	# HALFWIDTH HANGUL LETTER YO..HALFWIDTH HANGUL
FFD8..FFD9	; UNASSIGNED	# <reserved>..<reserved>
FFDA..FFDC	; DISALLOWED	# HALFWIDTH HANGUL LETTER EU..HALFWIDTH HANGUL
FFDD..FFDF	; UNASSIGNED	# <reserved>..<reserved>
FFE0..FFE6	; DISALLOWED	# FULLWIDTH CENT SIGN..FULLWIDTH WON SIGN
FFE7	; UNASSIGNED	# <reserved>
FFE8..FFEE	; DISALLOWED	# HALFWIDTH FORMS LIGHT VERTICAL..HALFWIDTH WH
FFEF	; UNASSIGNED	# <reserved>
FFF0..FFF8	; DISALLOWED	# <reserved>..<reserved>
FFF9..FFFB	; CONTEXT0	# INTERLINEAR ANNOTATION ANCHOR..INTERLINEAR A
FFFC..FFFF	; DISALLOWED	# OBJECT REPLACEMENT CHARACTER..<reserved>
10000..1000B	; PVALID	# LINEAR B SYLLABLE B008 A..LINEAR B SYLLABLE
1000C	; UNASSIGNED	# <reserved>
1000D..10026	; PVALID	# LINEAR B SYLLABLE B036 JO..LINEAR B SYLLABLE
10027	; UNASSIGNED	# <reserved>
10028..1003A	; PVALID	# LINEAR B SYLLABLE B060 RA..LINEAR B SYLLABLE
1003B	; UNASSIGNED	# <reserved>
1003C..1003D	; PVALID	# LINEAR B SYLLABLE B017 ZA..LINEAR B SYLLABLE
1003E	; UNASSIGNED	# <reserved>
1003F..1004D	; PVALID	# LINEAR B SYLLABLE B020 ZO..LINEAR B SYLLABLE
1004E..1004F	; UNASSIGNED	# <reserved>..<reserved>
10050..1005D	; PVALID	# LINEAR B SYMBOL B018..LINEAR B SYMBOL B089
1005E..1007F	; UNASSIGNED	# <reserved>..<reserved>
10080..100FA	; PVALID	# LINEAR B IDEOGRAM B100 MAN..LINEAR B IDEOGRAM

100FB..100FF;	UNASSIGNED	# <reserved>..<reserved>
10100..10102;	DISALLOWED	# AEGEAN WORD SEPARATOR LINE..AEGEAN CHECK MAR
10103..10106;	UNASSIGNED	# <reserved>..<reserved>
10107..10133;	DISALLOWED	# AEGEAN NUMBER ONE..AEGEAN NUMBER NINETY THOU
10134..10136;	UNASSIGNED	# <reserved>..<reserved>
10137..1018A;	DISALLOWED	# AEGEAN WEIGHT BASE UNIT..GREEK ZERO SIGN
1018B..102FF;	UNASSIGNED	# <reserved>..<reserved>
10300..1031E;	PVALID	# OLD ITALIC LETTER A..OLD ITALIC LETTER UU
1031F	; UNASSIGNED	# <reserved>
10320..10323;	DISALLOWED	# OLD ITALIC NUMERAL ONE..OLD ITALIC NUMERAL F
10324..1032F;	UNASSIGNED	# <reserved>..<reserved>
10330..10340;	PVALID	# GOTHIC LETTER AHSA..GOTHIC LETTER PAIRTHRA
10341	; DISALLOWED	# GOTHIC LETTER NINETY
10342..10349;	PVALID	# GOTHIC LETTER RAIDA..GOTHIC LETTER OTHAL
1034A	; DISALLOWED	# GOTHIC LETTER NINE HUNDRED
1034B..1037F;	UNASSIGNED	# <reserved>..<reserved>
10380..1039D;	PVALID	# UGARITIC LETTER ALPA..UGARITIC LETTER SSU
1039E	; UNASSIGNED	# <reserved>
1039F	; DISALLOWED	# UGARITIC WORD DIVIDER
103A0..103C3;	PVALID	# OLD PERSIAN SIGN A..OLD PERSIAN SIGN HA
103C4..103C7;	UNASSIGNED	# <reserved>..<reserved>
103C8..103CF;	PVALID	# OLD PERSIAN SIGN AURAMAZDAA..OLD PERSIAN SIG
103D0..103D5;	DISALLOWED	# OLD PERSIAN WORD DIVIDER..OLD PERSIAN NUMBER
103D6..103FF;	UNASSIGNED	# <reserved>..<reserved>
10400..10427;	DISALLOWED	# DESERET CAPITAL LETTER LONG I..DESERET CAPIT
10428..1049D;	PVALID	# DESERET SMALL LETTER LONG I..OSMANYA LETTER
1049E..1049F;	UNASSIGNED	# <reserved>..<reserved>
104A0..104A9;	PVALID	# OSMANYA DIGIT ZERO..OSMANYA DIGIT NINE
104AA..107FF;	UNASSIGNED	# <reserved>..<reserved>
10800..10805;	PVALID	# CYPRIOT SYLLABLE A..CYPRIOT SYLLABLE JA
10806..10807;	UNASSIGNED	# <reserved>..<reserved>
10808	; PVALID	# CYPRIOT SYLLABLE JO
10809	; UNASSIGNED	# <reserved>
1080A..10835;	PVALID	# CYPRIOT SYLLABLE KA..CYPRIOT SYLLABLE WO
10836	; UNASSIGNED	# <reserved>
10837..10838;	PVALID	# CYPRIOT SYLLABLE XA..CYPRIOT SYLLABLE XE
10839..1083B;	UNASSIGNED	# <reserved>..<reserved>
1083C	; PVALID	# CYPRIOT SYLLABLE ZA
1083D..1083E;	UNASSIGNED	# <reserved>..<reserved>
1083F	; PVALID	# CYPRIOT SYLLABLE ZO
10840..108FF;	UNASSIGNED	# <reserved>..<reserved>
10900..10915;	PVALID	# PHOENICIAN LETTER ALF..PHOENICIAN LETTER TAU
10916..10919;	DISALLOWED	# PHOENICIAN NUMBER ONE..PHOENICIAN NUMBER ONE
1091A..1091E;	UNASSIGNED	# <reserved>..<reserved>
1091F	; DISALLOWED	# PHOENICIAN WORD SEPARATOR
10920..109FF;	UNASSIGNED	# <reserved>..<reserved>
10A00..10A03;	PVALID	# KHAROSHTHI LETTER A..KHAROSHTHI VOWEL SIGN V
10A04	; UNASSIGNED	# <reserved>
10A05..10A06;	PVALID	# KHAROSHTHI VOWEL SIGN E..KHAROSHTHI VOWEL SI

10A07..10A0B;	UNASSIGNED	# <reserved>..<reserved>
10A0C..10A13;	PVALID	# KHAROSHTHI VOWEL LENGTH MARK..KHAROSHTHI LET
10A14	; UNASSIGNED	# <reserved>
10A15..10A17;	PVALID	# KHAROSHTHI LETTER CA..KHAROSHTHI LETTER JA
10A18	; UNASSIGNED	# <reserved>
10A19..10A33;	PVALID	# KHAROSHTHI LETTER NYA..KHAROSHTHI LETTER TTT
10A34..10A37;	UNASSIGNED	# <reserved>..<reserved>
10A38..10A3A;	PVALID	# KHAROSHTHI SIGN BAR ABOVE..KHAROSHTHI SIGN D
10A3B..10A3E;	UNASSIGNED	# <reserved>..<reserved>
10A3F	; PVALID	# KHAROSHTHI VIRAMA
10A40..10A47;	DISALLOWED	# KHAROSHTHI DIGIT ONE..KHAROSHTHI NUMBER ONE
10A48..10A4F;	UNASSIGNED	# <reserved>..<reserved>
10A50..10A58;	DISALLOWED	# KHAROSHTHI PUNCTUATION DOT..KHAROSHTHI PUNCT
10A59..11FFF;	UNASSIGNED	# <reserved>..<reserved>
12000..1236E;	PVALID	# CUNEIFORM SIGN A..CUNEIFORM SIGN ZUM
1236F..123FF;	UNASSIGNED	# <reserved>..<reserved>
12400..12462;	DISALLOWED	# CUNEIFORM NUMERIC SIGN TWO ASH..CUNEIFORM NU
12463..1246F;	UNASSIGNED	# <reserved>..<reserved>
12470..12473;	DISALLOWED	# CUNEIFORM PUNCTUATION SIGN OLD ASSYRIAN WORD
12474..1CFFF;	UNASSIGNED	# <reserved>..<reserved>
1D000..1D0F5;	DISALLOWED	# BYZANTINE MUSICAL SYMBOL PSILI..BYZANTINE MU
1D0F6..1D0FF;	UNASSIGNED	# <reserved>..<reserved>
1D100..1D172;	DISALLOWED	# MUSICAL SYMBOL SINGLE BARLINE..MUSICAL SYMBO
1D173..1D17A;	CONTEXT0	# MUSICAL SYMBOL BEGIN BEAM..MUSICAL SYMBOL EN
1D17B..1D24F;	DISALLOWED	# MUSICAL SYMBOL COMBINING ACCENT..<reserved>
1D250..1D2FF;	UNASSIGNED	# <reserved>..<reserved>
1D300..1D356;	DISALLOWED	# MONOGRAM FOR EARTH..TETRAGRAM FOR FOSTERING
1D357..1D35F;	UNASSIGNED	# <reserved>..<reserved>
1D360..1D371;	DISALLOWED	# COUNTING ROD UNIT DIGIT ONE..COUNTING ROD TE
1D372..1D3FF;	UNASSIGNED	# <reserved>..<reserved>
1D400..1D454;	DISALLOWED	# MATHEMATICAL BOLD CAPITAL A..MATHEMATICAL IT
1D455	; UNASSIGNED	# <reserved>
1D456..1D49C;	DISALLOWED	# MATHEMATICAL ITALIC SMALL I..MATHEMATICAL SC
1D49D	; UNASSIGNED	# <reserved>
1D49E..1D49F;	DISALLOWED	# MATHEMATICAL SCRIPT CAPITAL C..MATHEMATICAL
1D4A0..1D4A1;	UNASSIGNED	# <reserved>..<reserved>
1D4A2	; DISALLOWED	# MATHEMATICAL SCRIPT CAPITAL G
1D4A3..1D4A4;	UNASSIGNED	# <reserved>..<reserved>
1D4A5..1D4A6;	DISALLOWED	# MATHEMATICAL SCRIPT CAPITAL J..MATHEMATICAL
1D4A7..1D4A8;	UNASSIGNED	# <reserved>..<reserved>
1D4A9..1D4AC;	DISALLOWED	# MATHEMATICAL SCRIPT CAPITAL N..MATHEMATICAL
1D4AD	; UNASSIGNED	# <reserved>
1D4AE..1D4B9;	DISALLOWED	# MATHEMATICAL SCRIPT CAPITAL S..MATHEMATICAL
1D4BA	; UNASSIGNED	# <reserved>
1D4BB	; DISALLOWED	# MATHEMATICAL SCRIPT SMALL F
1D4BC	; UNASSIGNED	# <reserved>
1D4BD..1D4C3;	DISALLOWED	# MATHEMATICAL SCRIPT SMALL H..MATHEMATICAL SC
1D4C4	; UNASSIGNED	# <reserved>
1D4C5..1D505;	DISALLOWED	# MATHEMATICAL SCRIPT SMALL P..MATHEMATICAL FR

1D506	; UNASSIGNED	# <reserved>
1D507..1D50A	; DISALLOWED	# MATHEMATICAL FRAKTUR CAPITAL D..MATHEMATICAL
1D50B..1D50C	; UNASSIGNED	# <reserved>..<reserved>
1D50D..1D514	; DISALLOWED	# MATHEMATICAL FRAKTUR CAPITAL J..MATHEMATICAL
1D515	; UNASSIGNED	# <reserved>
1D516..1D51C	; DISALLOWED	# MATHEMATICAL FRAKTUR CAPITAL S..MATHEMATICAL
1D51D	; UNASSIGNED	# <reserved>
1D51E..1D539	; DISALLOWED	# MATHEMATICAL FRAKTUR SMALL A..MATHEMATICAL D
1D53A	; UNASSIGNED	# <reserved>
1D53B..1D53E	; DISALLOWED	# MATHEMATICAL DOUBLE-STRUCK CAPITAL D..MATHEM
1D53F	; UNASSIGNED	# <reserved>
1D540..1D544	; DISALLOWED	# MATHEMATICAL DOUBLE-STRUCK CAPITAL I..MATHEM
1D545	; UNASSIGNED	# <reserved>
1D546	; DISALLOWED	# MATHEMATICAL DOUBLE-STRUCK CAPITAL O
1D547..1D549	; UNASSIGNED	# <reserved>..<reserved>
1D54A..1D550	; DISALLOWED	# MATHEMATICAL DOUBLE-STRUCK CAPITAL S..MATHEM
1D551	; UNASSIGNED	# <reserved>
1D552..1D6A5	; DISALLOWED	# MATHEMATICAL DOUBLE-STRUCK SMALL A..MATHEMAT
1D6A6..1D6A7	; UNASSIGNED	# <reserved>..<reserved>
1D6A8..1D7CB	; DISALLOWED	# MATHEMATICAL BOLD CAPITAL ALPHA..MATHEMATICA
1D7CC..1D7CD	; UNASSIGNED	# <reserved>..<reserved>
1D7CE..1D7FF	; DISALLOWED	# MATHEMATICAL BOLD DIGIT ZERO..MATHEMATICAL M
1D800..1FFFD	; UNASSIGNED	# <reserved>..<reserved>
1FFFE..1FFFF	; DISALLOWED	# <reserved>..<reserved>
20000..2A6D6	; PVALID	# <CJK Ideograph Extension B>..<CJK Ideograph
2A6D7..2F7FF	; UNASSIGNED	# <reserved>..<reserved>
2F800..2FA1D	; DISALLOWED	# CJK COMPATIBILITY IDEOGRAPH-2F800..CJK COMPA
2FA1E..2FFFD	; UNASSIGNED	# <reserved>..<reserved>
2FFFE..2FFFF	; DISALLOWED	# <reserved>..<reserved>
30000..3FFFD	; UNASSIGNED	# <reserved>..<reserved>
3FFFE..3FFFF	; DISALLOWED	# <reserved>..<reserved>
40000..4FFFD	; UNASSIGNED	# <reserved>..<reserved>
4FFFE..4FFFF	; DISALLOWED	# <reserved>..<reserved>
50000..5FFFD	; UNASSIGNED	# <reserved>..<reserved>
5FFFE..5FFFF	; DISALLOWED	# <reserved>..<reserved>
60000..6FFFD	; UNASSIGNED	# <reserved>..<reserved>
6FFFE..6FFFF	; DISALLOWED	# <reserved>..<reserved>
70000..7FFFD	; UNASSIGNED	# <reserved>..<reserved>
7FFFE..7FFFF	; DISALLOWED	# <reserved>..<reserved>
80000..8FFFD	; UNASSIGNED	# <reserved>..<reserved>
8FFFE..8FFFF	; DISALLOWED	# <reserved>..<reserved>
90000..9FFFD	; UNASSIGNED	# <reserved>..<reserved>
9FFFE..9FFFF	; DISALLOWED	# <reserved>..<reserved>
A0000..AFFFD	; UNASSIGNED	# <reserved>..<reserved>
AFFFE..AFFFF	; DISALLOWED	# <reserved>..<reserved>
B0000..BFFFD	; UNASSIGNED	# <reserved>..<reserved>
BFFFE..BFFFF	; DISALLOWED	# <reserved>..<reserved>
C0000..CFFFD	; UNASSIGNED	# <reserved>..<reserved>
CFFFE..CFFFF	; DISALLOWED	# <reserved>..<reserved>

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D0000..DFFFF; UNASSIGNED # <reserved>..<reserved>
DFFFE..E0000; DISALLOWED # <reserved>..<reserved>
E0001      ; CONTEXT0    # LANGUAGE TAG
E0002..E001F; DISALLOWED # <reserved>..<reserved>
E0020..E007F; CONTEXT0   # TAG SPACE..CANCEL TAG
E0080..E0FFF; DISALLOWED # <reserved>..<reserved>
E1000..EFFFF; UNASSIGNED # <reserved>..<reserved>
EFFFFE..10FFFF; DISALLOWED # <reserved>..<reserved>
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Author's Address

[TOC](#)

	Patrik Faltstrom (editor)
	Cisco Systems
Email:	paf@cisco.com

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