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WORKSHOP AGREEMENT

CWA 14051-2

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Information Technology - European generic locales - Part 2: Narrative cultural specifications, POSIX locales, and repertoiremap

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FOREWORD

The production of this CWA, describing generic locales for Europe, was agreed by the CEN/ISSS Eurolocale Workshop in the Workshop's Kick-Off Meeting on 1998-06-11.

The document has been developed through the collaboration of a number of contributing experts in this Workshop, coming from academia, public administrations, IT-suppliers, and other circles. A list of company experts who have supported the document's contents may be obtained from the CEN/ISSS Secretariat.

The CWA consists of two parts:

Information technology - European generic locales - Part 1: General contents specifications

Information technology - European generic locales - Part 2: Narrative cultural specifications, POSIX locales, and repertoiremap

The final review/endorsement round for this CWA was started on 2000-03-31 and was successfully closed on 2000-05-01. The final text of this CWA was submitted to CEN for publication on 2000-11-27.

Annex A (informative) lists comments accompanying Negative ballots.

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0. Introduction

This second part of the CEN Workshop Agreement contains the specification of the data for registration with ISO/IEC 15897 of POSIX conforming locales. This consists of the POSIX locales themselves, corresponding narrative cultural specifications, and a POSIX repertoiremap.

1. Scope

This CEN Workshop Agreement defines the generic language-neutral locale for Europe, in the form of a Narrative Cultural Specification, plus generic language-dependent locales for each of the official and treaty languages of the European Union and EFTA. It is intended to be used in European institutions, and also as a base for modification for national specifications, that only deviate relatively little. The components of the CWA are intended for registration with the cultural registration standard ISO/IEC 15897.

The repertoire of characters of this CEN Workshop Agreement is the MES-2 subset of ISO/IEC 10646-1, as defined in annex A of part 1 of this CWA (CWA 14051-1:2001).

2. References

This CEN Workshop Agreement incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this CEN Workshop Agreement only when incorporated by amendment or revision. For undated references the latest edition of the publication referred to applies.

ISO 639, *Code for the representation of names of languages.*

ISO 3166 (all parts), *Codes for the representation of names of countries.*

ISO 4217, *Codes for the representation of currencies and funds.*

ISO/IEC 6429:1992, *Information technology - Control functions for coded character sets.*

ISO 8601:1998, *Data elements and interchange formats - Information interchange - Representation of dates and times.*

ISO/IEC 9945-2:1993, *Information technology - Portable Operating System Interface (POSIX) - Part 2: Shell and Utilities, for part 2 of this CWA.*

ISO/IEC 10646-1: 2000, *Information technology - Multiple Octet Universal Character Set (UCS).*

ISO/IEC TR 14652 (in preparation), *Information Technology - Specification method for cultural conventions.*

ISO/IEC 15897:1999, *Information technology - Procedures for registration of cultural elements.*

CEN ENV 13710:2000, *European Ordering Rules, under publication.*

3. Definitions

For the purpose of this CWA the definitions from the standards in clause 2 apply.

4. Narrative Cultural Specifications

Please note that Clause 5 and Clause 6 of these specifications are described in clause 4 of the first part (CWA 14051-1:2001).

4.1 _EU - language independent

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Language: independent
Territory: Europe
Date: 2000-03-27
Version: 5.1
Token identifier: _EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering of strings is the ordering defined in the ENV 13170 *European Ordering Rules*.

Clause 2: Classification of characters

The locale specifies a number of classifications (as per definitions in ISO/IEC 9945-2) of the characters in the MES-2:

The class "digit" consists of the characters 0 1 2 3 4 5 6 7 8 9.

The class "xdigit" consists of the characters 0 1 2 3 4 5 6 7 8 9 a b c d e f A B C D E F.

The class "blank" consists of the characters SPACE, and HORIZONTAL TAB.

The class "space" consists of the characters SPACE, LINE FEED, VERTICAL TAB, FF, CARRIAGE RETURN, and HORIZONTAL TAB.

The class "upper" consists of all characters with the word "CAPITAL".

The class "lower" consists of all characters with the word "SMALL".

The class "alpha" consists of all characters with the words "LETTER" or "LIGATURE" and then characters NO BREAK SPACE (00A0), GREEK YPOGEGRAMMENI (037A), GREEK PROGEGRAMMENI (1FBE).

NOTE 1: This rule also caters for scripts without a distinction between CAPITAL and SMALL, or other distinctions.

The class "cntrl" consists of all characters of the C0 and C1 parts of ISO/IEC 6429.

The class "punct" consists of all characters not in class "alpha", class "digit", class "cntrl", nor class "space".

The class "print" consists of all characters not in class "cntrl".

The class "graph" consists of all characters not in class "cntrl" nor class "space".

The mapping "toupper" maps every character with the word "SMALL" to the character with the same name except that "SMALL" is replaced with "CAPITAL", if such a character exists. For the Greek script the accents TONOS, PSILI, DASIA, OXIA, PERISPOMENI are lost, except when only the first letter of a word is uppercased ("titlecasing"). However, the DIALYTIKA is always retained on the capital letter.

The mapping "tolower" maps every character with the word "CAPITAL" to the character with the same name except that "CAPITAL" is replaced with "SMALL", if such a character exists.

NOTE 2: The small letters and ligatures LATIN SMALL LETTER SHARP S, LATIN SMALL LETTER KRA, LATIN SMALL LETTER F WITH HOOK, LATIN SMALL LETTER R WITH LONG LEG, LATIN SMALL LIGATURE FI, LATIN SMALL LIGATURE FL, GREEK SMALL LETTER IOTA WITH PERISPOMENI, GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS, GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS do not have a corresponding upper case letter in MES-2 (in the case of characters belonging to the Greek script, this is only the case for titlecasing).

NOTE 3: In other circumstances the LATIN SMALL LETTER KRA has the upper case equivalent of the character LATIN CAPITAL LETTER KRA or the two characters LATIN CAPITAL LETTER K and APOSTROPHE; and when not used for legal purposes to write names LATIN SMALL LETTER SHARP S has the upper case equivalent of two LATIN CAPITAL LETTER S.

NOTE 4: The classification of the characters are pretty straightforward, letters are classified as letters, and with subclassification in uppercase and lowercase, and mappings in between them. Digits, hexadecimal digits and other classes follow prescriptions by the ISO/IEC 9945-2 standard. The data is aligned with the classifications in ISO/IEC TR 14652, currently under development in ISO/IEC JTC1/SC22/WG20.

NOTE 5: The mapping between uppercase and lowercase letters is not necessarily reversible. See also note 3.

Clause 3: Numeric formatting

The grouping of large numbers is in groups of 3 digits from right to left.

The group (thousands) separator is FULL STOP <.>.

The decimal separator is COMMA <,>.

A positive number has no sign attached to it.

A negative number is preceded by a HYPHEN-MINUS <-> without any intervening space.

Clause 4: Monetary formatting

This default is for general use, and not applicable for use in value documents.

The name of the currency is "Euro", subdivided into 100 "cents" (with plural "s").

Large monetary amounts are formatted in groups of 3 digits.

The group (thousands) separator for monetary amounts is FULL STOP <.>.

The decimal separator for monetary amounts is COMMA <,>.

A positive monetary amount has no sign attached to it.

A negative monetary amount is preceded by a HYPHEN-MINUS <-> in front of the currency symbol without any intervening space.

The 3-letter currency code according to ISO 4217 is: EUR

The domestic currency symbol is: €

Both the 3-letter ISO 4217 currency code and the domestic currency symbol are placed in front of the monetary amount and one NO-BREAK SPACE separates the 3-letter ISO 4217 currency code and the monetary amount, while no space comes between the domestic currency symbol and the amount.

Examples of formatting of monetary amounts:

3-letter ISO 4217 currency code:	EUR 543,21
Domestic currency symbol:	€543,21
Use of negative sign:	-EUR 543,21 -€543,21
Thousands and decimal separators:	EUR 9.876.543,21

NOTE 1: In the case that the EURO SIGN cannot be used in an environment, because for example of hardware or software limitations, it is recommended to use the 3-letter ISO 4217 code "EUR" instead, or the capital letter "E" where only one character is permitted.

NOTE 2: When other currencies are to be displayed, the formatting specified here for the ISO 4217 currency code or domestic currency symbol for the Euro currency is also used, using the normal decimal precision where applicable.

NOTE 3: The ISO 4217 currency code is called the "international currency symbol" in the ISO/IEC 9945 POSIX standards.

Clause 5: Date and time conventions

For the date and time conventions, the following numeric forms are recommended to be used in a language-independent, pan-European document.

Long date:	1996-04-28
Abbreviated date and time:	1996-04-28 17:22:06
Abbreviated long date:	1996-04-28
Numeric date:	1996-04-28
Time:	09:22:06

The 24 hour system is used in Europe. Thus the time of the day is given in the range from 00:00:00 to 23:59:59, and the possible leap second 23:59:60. No abbreviation is used for before or after noon.

NOTE The abbreviated date and time is given as the combination of the date format and the time format of ISO 8601; as opposed to the combined day-and-time format of said standard, which includes a "T" between day and time.

The following specification is quite artificial in order to remove any language dependence and its general use is not encouraged. The data follows specifications of ISO 8601. In a pan-European document written in a given language, the corresponding language-dependent locale should be used to replace these values.

Weekday names:

The weekday names are always specified with one digit.

Weekday	Full name	Short name
Sunday	7	7
Monday	1	1
Tuesday	2	2
Wednesday	3	3
Thursday	4	4
Friday	5	5
Saturday	6	6

Month names:

The month names are always specified with two digits.

Month	Full name	Short name
January	01	01
February	02	02

March	03	03
April	04	04
May	05	05
June	06	06
July	07	07
August	08	08
September	09	09
October	10	10
November	11	11
December	12	12

Clause 6: Affirmative and negative answers

Since these answers are used at the user interface and the question is being asked in a natural language, the answer should be given in the same language.

For the sake of completeness of the language-independent default locale, the following specifications are given.

Yes expressions: strings starting with "+"
No expressions: strings starting with "-"

4.2 Language-dependent Narrative Cultural Specifications

4.2.1 da_EU - Danish

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Danish
Territory: Europe
Version: 5.1
Token identifier: da_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Danish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Danish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Danish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Danish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Danish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a small letter, unless capitalized as in the first letter of a sentence.

Weekday names:

Weekday	Full name	Short name
Sunday	søndag	søn
Monday	mandag	man
Tuesday	tirsdag	tir
Wednesday	onsdag	ons
Thursday	torsdag	tor
Friday	fredag	fre
Saturday	lørdag	lør

Month names:

Month	Full name	Short name
January	januar	jan
February	februar	feb
March	marts	mar
April	april	apr
May	maj	maj
June	juni	jun
July	juli	jul
August	august	aug
September	september	sep
October	oktober	okt
November	november	nov
December	december	dec

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the Danish language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "jJ+yYoO"

No expressions: strings starting with any one of the characters "nN-"

4.2.2 de_EU - German

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: German
Territory: Europe
Version: 5.1
Token identifier: de_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the German language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the German language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the German language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the German language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the German language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a capital letter.

Weekday names:

Weekday	Full name	Short name
Sunday	Sonntag	So.
Monday	Montag	Mo.
Tuesday	Dienstag	Di.
Wednesday	Mittwoch	Mi.
Thursday	Donnerstag	Do.
Friday	Freitag	Fr.
Saturday	Samstag	Sa.

Month names:

Month	Full name	Short name
January	Januar	Jan.
February	Februar	Febr
March	März	März
April	April	Apr.
May	Mai	Mai
June	Juni	Juni
July	Juli	Juli
August	August	Aug.
September	September	Sept
October	Oktober	Okt.
November	November	Nov.
December	Dezember	Dez.

Clause 6: Affirmative and negative answers

The following gives the specifications on giving an affirmative or negative answer in the German language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "jJ+1yY"

No expressions: strings starting with any one of the characters "nN-0"

4.2.3 el_EU - Greek

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Greek
Territory: Europe
Version: 5.1
Token identifier: el_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Greek language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Greek language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Greek language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Greek language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Greek language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a capital letter.

Weekday names:

Weekday	Full name	Short name
Sunday	Κυριακή	Κυρ.
Monday	Δευτέρα	Δευ.

Tuesday	Τρίτη	Τρί.
Wednesday	Τετάρτη	Τετ.
Thursday	Πέμπτη	Πέμ.
Friday	Παρασκευή	Παρ.
Saturday	Σάββατο	Σάβ.

Month names:

Month	Full name	Short name
January	Ιανουαρίου	Ιαν.
February	Φεβρουαρίου	Φεβ.
March	Μαρτίου	Μαρ.
April	Απριλίου	Απρ.
May	Μαΐου	Μαΐου
June	Ιουνίου	Ιουν.
July	Ιουλίου	Ιουλ.
August	Αυγούστου	Αυγ.
September	Σεπτεμβρίου	Σεπ.
October	Οκτωβρίου	Οκτ.
November	Νοεμβρίου	Νοε.
December	Δεκεμβρίου	Δεκ.

NOTE: Weekday and month names appear in the genitive case

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the Greek language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "vN+jJyYoO"

No expressions: strings starting with any one of the characters "oO-nN"

NOTE: The first two letters of the Greek yes and no expression strings are letters of the Greek script, GREEK LETTER NU "vN" and GREEK LETTER OMICRON "oO", respectively.

4.2.4 en_EU - English

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: English
Territory: Europe
Version: 5.1
Token identifier: en_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the English language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the English language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the English language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the English language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the English language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a capital letter.

Weekday names:

Weekday	Full name	Short name
Sunday	Sunday	Sun
Monday	Monday	Mon
Tuesday	Tuesday	Tue
Wednesday	Wednesday	Wed
Thursday	Thursday	Thu
Friday	Friday	Fri
Saturday	Saturday	Sat

Month names:

Month	Full name	Short name
January	January	Jan
February	February	Feb
March	March	Mar
April	April	Apr
May	May	May
June	June	Jun
July	July	Jul
August	August	Aug
September	September	Sep
October	October	Oct
November	November	Nov
December	December	Dec

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the English language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "yY+oOjJ"

No expressions: strings starting with any one of the characters "nN-"

4.2.5 es_EU - Spanish

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Spanish
Territory: Europe
Version: 5.1
Token identifier: es_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Spanish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Spanish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Spanish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Spanish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Spanish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a small letter, unless capitalized as in the first letter of a sentence.

Weekday names:

Weekday	Full name	Short name
Sunday	domingo	dom
Monday	lunes	lun
Tuesday	martes	mar
Wednesday	miércoles	mié
Thursday	jueves	jue
Friday	viernes	vie
Saturday	sábado	sáb

Month names:

Month	Full name	Short name
January	enero	ene
February	febrero	feb
March	marzo	mar
April	abril	abr
May	mayo	may
June	junio	jun
July	julio	jul
August	agosto	ago
September	septiembre	sep
October	octubre	oct
November	noviembre	nov
December	diciembre	dic

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the Spanish language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "sS+yYoOjJ"

No expressions: strings starting with any one of the characters "nN-"

4.2.6 fi_EU - Finnish

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Finnish
Territory: Europe
Version: 5.1
Token identifier: fi_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Finnish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Finnish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Finnish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Finnish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Finnish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a small letter, unless capitalized as in the first letter of a sentence.

Weekday names:

Weekday	Full name	Short name
Sunday	sunnuntai	su
Monday	maanantai	ma
Tuesday	tiistai	ti
Wednesday	keskiviikko	ke
Thursday	torstai	to
Friday	perjantai	pe
Saturday	lauantai	la

Month names:

Month	Full name	Short name
January	tammikuu	1.
February	helmikuu	2.
March	maaliskuu	3.
April	huhtikuu	4.
May	toukokuu	5.
June	kesäkuu	6.
July	heinäkuu	7.
August	elokuu	8.
September	syyskuu	9.
October	lokakuu	10.
November	marraskuu	11.
December	joulukuu	12.

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the Finnish language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "kK+jJyYoO"

No expressions: strings starting with any one of the characters "eE-nN"

4.2.7 fr_EU - French

Users: specific

Applications: specific

Source: CEN/ISSS Eurolocale workshop

Date: 2000-09-10

Language: French

Territory: Europe

Version: 5.2

Token identifier: fr_EU,CEN_5.2

Clause 1: Alphanumeric deterministic ordering

The ordering for the French language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the French language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the French language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the French language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the French language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a small letter, unless capitalized as in the first letter of a sentence.

Weekday names:

Weekday	Full name	Short name
Sunday	dimanche	dim
Monday	lundi	lun
Tuesday	mardi	mar
Wednesday	mercredi	mer
Thursday	jeudi	jeu
Friday	vendredi	ven
Saturday	samedi	sam

Month names:

Month	Full name	Short name
January	janvier	janv
February	février	fév
March	mars	mars
April	avril	avr
May	mai	mai
June	juin	juin
July	juillet	juil
August	août	août
September	septembre	sept
October	octobre	oct
November	novembre	nov
December	décembre	déc

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the French language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "oO+yYjJ"

No expressions: strings starting with any one of the characters "nN-"

4.2.8 ga_EU - Irish

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Irish
Territory: Europe
Version: 5.1
Token identifier: ga_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Irish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Irish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Irish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Irish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Irish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Names of days and names of months are written with initial capital letters on significant elements. The article "na" is not capitalized when it occurs within names, nor are initial mutations, such as the "h" in "Dé hAoine"

Weekday names:

Weekday	Full name	Short name
Sunday	Dé Domhnaigh	Domh
Monday	Dé Luain	Luan
Tuesday	Dé Máirt	Máir
Wednesday	Dé Céadaoin	Céad
Thursday	Déardaoin	Déar
Friday	Dé hAoine	Aoin
Saturday	Dé Sathairn	Sath

Month names:

Month	Month name	Short name
January	Eanáir	Ean
February	Feabhra	Feabh
March	Márta	Már
April	Aibreán	Aib
May	Mí na Bealtaine	Beal
June	Meitheamh	Meith
July	Iúil	Iúil
August	Lúnasa	Lún
September	Meán Fómhair	MFómh
October	Deireadh Fómhair	DFómh
November	Mí na Samhna	Samh
December	Mí na Nollag	Noll

Clause 6: Affirmative and negative answers

Affirmative expressions: There no single word for "yes" in Irish, nor a limited set of letters associated with affirmative answers in Irish, that are formed by simply repeating an appropriate form of the verb used in asking the question. When questions are posed using the present tense of one of the two verbs "to be" (a practice recommended for software localization and other computer uses), the affirmative answers will be Tá, Sea, Sé, Sí, Is ea, Is é, Is í, Is iad, etc., depending on context. The letters t, T, s, S, i, I, y, Y (Yes), and the digit 1 should be accepted, in addition to the characters generally accepted in pan-European environments, namely the letters j, J, o, O and the character +.

Negative expressions: There is no single word for "no" in Irish. However, there is a limited set of letters associated with negative answers in Irish, that are formed by placing either of its two negative particles (ní or cha) before an appropriate form of the verb used in asking the question. When questions are posed using the present tense of one of the two verbs "to be" (a practice recommended for software localization and other computer uses), the negative answers will be Níl, Chan fhuil, Ní hea, Ní hé, Ní hí, Chan ea, Chan é, Chan í, Chan iad, etc., depending on context. Strings beginning with the letters n, N, c, C, and the digit 0 should be accepted, in addition to the characters generally accepted in pan-European environments, namely the character -.

4.2.9 is_EU - Icelandic

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Icelandic
Territory: Europe
Version: 5.1
Token identifier: is_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Icelandic language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Icelandic language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Icelandic language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Icelandic language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Icelandic language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a small letter, unless capitalized as in the first letter of a sentence.

Weekday names:

Weekday	Full name	Short name
Sunday	sunnudagur	sun
Monday	mánudagur	mán
Tuesday	þriðjudagur	þri
Wednesday	miðvikudagur	mið
Thursday	fimmtudagur	fim
Friday	föstudagur	fös
Saturday	laugardagur	lau

Month names:

Month	Full name	Short name
January	janúar	jan
February	febrúar	feb
March	mars	mar
April	apríl	apr
May	maí	maí
June	júní	jún
July	júlí	júl
August	ágúst	ágú
September	september	sep
October	október	okt
November	nóvember	nóv
December	desember	des

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the Icelandic language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "jJ+yYoO"

No expressions: strings starting with any one of the characters "nN-"

4.2.10 it_EU - Italian

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Italian
Territory: Europe
Version: 5.1
Token identifier: it_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Italian language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Italian language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Italian language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Italian language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Italian language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a small letter, unless capitalized as in the first letter of a sentence.

Weekday names:

Weekday	Full name	Short name
Sunday	domenica	dom
Monday	lunedì	lun
Tuesday	martedì	mar
Wednesday	mercoledì	mer
Thursday	giovedì	gio
Friday	venerdì	ven
Saturday	sabado	sab

Month names:

Month	Full name	Short name
January	gennaio	gen
February	febbraio	feb
March	marzo	mar
April	aprile	apr
May	maggio	mag
June	giugno	giu
July	luglio	lug
August	agosto	ago
September	settembre	set
October	ottobre	ott
November	novembre	nov
December	dicembre	dic

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the Italian language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "sS+jJyYoO"

No expressions: strings starting with any one of the characters "nN-"

4.2.11 nl_EU - Dutch

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Dutch
Territory: Europe
Version: 5.1
Token identifier: nl_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Dutch language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Dutch language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Dutch language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Dutch language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Dutch language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a small letter, unless capitalized as in the first letter of a sentence.

Weekday names:

Weekday	Full name	Short name
Sunday	zondag	zo
Monday	maandag	ma
Tuesday	dinsdag	di
Wednesday	woensdag	wo
Thursday	donderdag	do
Friday	vrijdag	vr
Saturday	zaterdag	za

Month names:

Month	Full name	Short name
January	januari	jan
February	februari	feb
March	maart	mrt
April	april	apr
May	mei	mei
June	juni	jun
July	juli	jul
August	augustus	aug
September	september	sep
October	oktober	okt
November	november	nov
December	december	dec

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the Dutch language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "jJ+yYoO"

No expressions: strings starting with any one of the characters "nN-"

4.2.12 no_EU - Norwegian

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Norwegian
Territory: Europe
Version: 5.1
Token identifier: no_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Norwegian language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Norwegian language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Norwegian language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Norwegian language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Norwegian language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a small letter, unless capitalized as in the first letter of a sentence.

Weekday names:

Weekday	Full name	Short name
Sunday	søndag	søn
Monday	mandag	man
Tuesday	tirsdag	tir
Wednesday	onsdag	ons
Thursday	torsdag	tor
Friday	fredag	fre
Saturday	lørdag	lør

Month names:

Month	Full name	Short name
January	januar	jan
February	februar	feb
March	mars	mar
April	april	apr
May	mai	mai
June	juni	jun
July	juli	jul
August	august	aug
September	september	sep
October	oktober	okt
November	november	nov
December	desember	des

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the Norwegian language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "jJ+yYoO"

No expressions: strings starting with any one of the characters "nN-"

4.2.13 pt_EU - Portuguese

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Portuguese
Territory: Europe
Version: 5.1
Token identifier: pt_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Portuguese language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Portuguese language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Portuguese language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Portuguese language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Portuguese language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a small letter, unless capitalized as in the first letter of a sentence.

Weekday names:

Weekday	Full name	Short name
Sunday	domingo	dom
Monday	segunda	seg
Tuesday	terça	ter
Wednesday	quarta	qua
Thursday	quinta	qui
Friday	sexta	sex
Saturday	sábado	sáb

Month names:

Month	Full name	Short name
January	janeiro	jan
February	fevereiro	fev
March	março	mar
April	abril	abr
May	maio	mai
June	junho	jun
July	julho	jul
August	agosto	ago
September	setembro	set
October	outubro	out
November	novembro	nov
December	dezembro	dez

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the Portuguese language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "sS+yYoOjJ"

No expressions: strings starting with any one of the characters "nN-"

4.2.14 sv_EU - Swedish

Users: specific
Applications: specific
Source: CEN/ISSS Eurolocale workshop
Date: 2000-03-27
Language: Swedish
Territory: Europe
Version: 5.1
Token identifier: sv_EU,CEN_5.1

Clause 1: Alphanumeric deterministic ordering

The ordering for the Swedish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 2: Classification of characters

The classification of characters for the Swedish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 3: Numeric formatting

The numeric formatting for the Swedish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 4: Monetary formatting

The monetary formatting for the Swedish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Clause 5: Date and time conventions

The numeric formats for the date and time formatting for the Swedish language in the pan-European environment is the same as the European default, to ensure consistent behaviour within the pan-European institutions.

Weekday and month names have the first letter as a small letter, unless capitalized as in the first letter of a sentence.

Weekday names:

Weekday	Full name	Short name
Sunday	söndag	sön
Monday	måndag	mån
Tuesday	tisdag	tis
Wednesday	onsdag	ons
Thursday	torsdag	tor
Friday	fredag	fre
Saturday	lördag	lör

Month names:

Month	Full name	Short name
January	januari	jan
February	februari	feb
March	mars	mar
April	april	apr
May	maj	maj
June	juni	jun
July	juli	jul
August	augusti	aug
September	september	sep
October	oktober	okt
November	november	nov
December	december	dec

Clause 6: Affirmative and negative answers

The following specifies how to give an affirmative or negative answer in the Swedish language in a pan-European environment.

Yes expressions: strings starting with any one of the characters "jJ+yYoO"

No expressions: strings starting with any one of the characters "nN-"


```
(<w* / ; 'j> , <w* !> ) ; ( <w* / ; 'j> , <w* > ) ; ( <w* / ; > , <w* > ) ; /
( <w* / ; j> , <w* > ) ; ( <w* > , <w* > ) ; ( <w* j> , <w* > ) ; ( <x* > , <x* > ) ; ( <y* > , <y* > ) ; /
( <y* !> , <y* > ) ; ( <y* ' > , <y* > ) ; ( <y* !> , <y* > ) ; ( <y* , !> , <y* > ) ; ( <y* , !> , <y* > ) ; /
( <y* , ' > , <y* > ) ; ( <y* , ' j> , <y* > ) ; ( <y* , > , <y* > ) ; ( <y* , j> , <y* > ) ; /
( <y* / ; !> , <y* > ) ; ( <y* / ; !> , <y* > ) ; ( <y* / ; ' > , <y* > ) ; /
( <y* / ; ' j> , <y* > ) ; ( <y* / ; > , <y* > ) ; ( <y* / ; j> , <y* > ) ; ( <y* > , <y* > ) ; /
( <y* j> , <y* > ) ; ( <z* > , <z* > ) ; ( <# > , <# > ) ; ( <= > , <= > ) ; ( <a= > , <a= > ) ; ( <a= > , <a= > ) ; /
( <a= ; > , <a= ; > ) ; ( <a= ; > , <a= ; > ) ; ( <aa= ; > , <aa= ; > ) ; ( <ae= ; > , <ae= ; > ) ; ( <b= ; > , <b= ; > ) ; /
( <c# > , <c# > ) ; ( <c# > , <c# > ) ; ( <c# > , <c# > ) ; ( <c# > , <c# > ) ; ( <c# > , <c# > ) ; /
( <c# / ; > , <c# / ; > ) ; ( <c# ; > , <c# ; > ) ; ( <c# > , <c# > ) ; ( <c# > , <c# > ) ; ( <d# > , <d# > ) ; /
( <d= > , <d= > ) ; ( <ds+ > , <ds+ > ) ; ( <ds > , <ds > ) ; ( <dz > , <dz > ) ; ( <e= !> , <e= !> ) ; /
( <e= > , <e= > ) ; ( <ee= > , <ee= > ) ; ( <f= > , <f= > ) ; ( <g# > , <g# > ) ; /
( <g> , <g> ) ; ( <g# / ; > , <g# / ; > ) ; ( <g=2 > , <g=2 > ) ; ( <g= > , <g= > ) ; ( <h# > , <h# > ) ; /
( <h+ > , <h+ > ) ; ( <h= > , <h= > ) ; ( <h= > , <h= > ) ; ( <i= !> , <i= !> ) ; ( <i= -> , <i= -> ) ; /
( <i= ; > , <i= ; > ) ; ( <i= ; > , <i= ; > ) ; ( <ie > , <ie > ) ; ( <ii > , <ii > ) ; ( <io > , <io > ) ; /
( <j# > , <j# > ) ; ( <j= > , <j= > ) ; ( <ja > , <ja > ) ; ( <je > , <je > ) ; ( <ju > , <ju > ) ; /
( <k# > , <k# > ) ; ( <k= > , <k= > ) ; ( <k= -> , <k= -> ) ; ( <k= / ; > , <k= / ; > ) ; /
( <k=2 > , <k=2 > ) ; ( <k= > , <k= > ) ; ( <kj > , <kj > ) ; ( <l= > , <l= > ) ; ( <lj > , <lj > ) ; /
( <m= > , <m= > ) ; ( <n= > , <n= > ) ; ( <n=2 > , <n=2 > ) ; ( <n= > , <n= > ) ; ( <ng= > , <ng= > ) ; /
( <nj > , <nj > ) ; ( <oo- > , <oo- > ) ; ( <oo- > , <oo- > ) ; ( <oo= > , <oo= > ) ; ( <oo= > , <oo= > ) ; /
( <p=2 > , <p=2 > ) ; ( <p= > , <p= > ) ; ( <r= > , <r= > ) ; ( <s# > , <s# > ) ; ( <s= > , <s= > ) ; /
( <s= > , <s= > ) ; ( <so > , <so > ) ; ( <t= > , <t= > ) ; ( <t= > , <t= > ) ; ( <tc= > , <tc= > ) ; /
( <ts > , <ts > ) ; ( <u= > , <u= > ) ; ( <u= -> , <u= -> ) ; ( <u= ; > , <u= ; > ) ; /
( <u= / ; > , <u= / ; > ) ; ( <u= ; > , <u= ; > ) ; ( <u= > , <u= > ) ; ( <v= > , <v= > ) ; ( <y= > , <y= > ) ; /
( <y= > , <y= > ) ; ( <yl > , <yl > ) ; ( <z# > , <z# > ) ; ( <z# > , <z# > ) ; ( <z# ; > , <z# ; > ) ; /
( <z# > , <z# > ) ; ( <z= > , <z= > ) ; ( <z= ; > , <z= ; > ) ; ( <z= > , <z= > ) ; /
( <* > , <* > )
```

END LC_CTYPE

LC_COLLATE

% Base collation scheme: 2000-03-27
% According to CEN/ISSS EOR and ISO/IEC 14651

% Ordering algorithm:
% 1. Numbers before letters.
% 2. Letters with diacritical marks are members of equivalence classes
% 3. A distinction is made with regards to case as noted below.
% 4. Special characters are ignored when comparing letters, but then they are considered
% 5. The scripts are ordered as follows: Latin, Greek, Cyrillic,

% Collating symbols

% Accents:

```
collating-symbol <BLANK>
collating-symbol <PSILL>
collating-symbol <DASIA>
collating-symbol <OXIA>
collating-symbol <ACUTE>
collating-symbol <GRAVE>
collating-symbol <VARIA>
collating-symbol <PERISPOMENI>
collating-symbol <TONOS>
collating-symbol <YPOGEGRAMMENI>
collating-symbol <PROSGEGRAMMENI>
collating-symbol <BREVE>
collating-symbol <VRACHY>
collating-symbol <CIRCUMPLEX>
collating-symbol <CARON>
collating-symbol <RING>
collating-symbol <DIARESIS>
collating-symbol <DIALYTIKA>
collating-symbol <DOUBLE-ACUTE>
collating-symbol <TILDE>
collating-symbol <DOT>
collating-symbol <CEDILLA>
collating-symbol <COMMA>
collating-symbol <OGONEK>
collating-symbol <MACRON>
collating-symbol <STROKE>
collating-symbol <MODIFIED>
collating-symbol <MODIFIED2>
collating-symbol <SUBSTITUTE>
%
% Collating symbols for the tertiary ordering key
collating-symbol <SMALL>
collating-symbol <CAPITAL>
collating-symbol <COMPAT>
collating-symbol <COMPATCAP>
collating-symbol <SUPERSCRIP>
collating-symbol <SUBSCRIPT>
```

% The <a8> <z8> collating symbols have defined weights as the last character in a group of Latin letters. They are used to specify deltas by locales using a locale as the default ordering and by "reorder-after" statements specifying the changed placement in an ordering of a character.

```
collating-symbol <a8>
collating-symbol <b8>
collating-symbol <c8>
collating-symbol <d8>
collating-symbol <e8>
collating-symbol <f8>
collating-symbol <g8>
collating-symbol <h8>
collating-symbol <i8>
collating-symbol <j8>
collating-symbol <k8>
collating-symbol <l8>
collating-symbol <m8>
collating-symbol <n8>
collating-symbol <o8>
```

```
collating-symbol <p8>
collating-symbol <q8>
collating-symbol <r8>
collating-symbol <s8>
collating-symbol <t8>
collating-symbol <u8>
collating-symbol <v8>
collating-symbol <w8>
collating-symbol <x8>
collating-symbol <y8>
collating-symbol <z8>

% letter;accent;case;specials

order_start forward;forward;forward;position

% Collating symbols for the secondary ordering key
<BLANK>
<PSILI>
<DASIA>
<OXIA>
<ACUTE>
<GRAVE>
<VARIA>
<PERISPOMENI>
<TONOS>
<YPOGEGRAMMENI>
<PROSGEGRAMMENI>
<BREVE>
<VRACHI>
<CIRCUMFLEX>
<CARON>
<RING>
<DIAERESIS>
<DIALYTIKA>
<DOUBLE-ACUTE>
<TILDE>
<DOT>
<CEDILLA>
<COMMA>
<OGONEK>
<MACRON>
<STROKE>
<MODIFIED>
<MODIFIED2>
<SUBSTITUTE>

% Collating symbols for the tertiary ordering key
<SMALL>
<CAPITAL>
<COMPAT>
<COMPATCAP>
<SUPERScript>
<SUBSCRIPT>

% This is the position in ISO14651 1999 TABLE1
%
% digits
%
<0> <0>;<BLANK>;<SMALL>;<0> % <U0030> % DIGIT ZERO
<1> <1>;<BLANK>;<SMALL>;<1> % <U0031> % DIGIT ONE
<1S> <1>;<BLANK>;<SUPERSCRIPT>;<1S> % <U00B9> % SUPERSCRIPT ONE
<2> <2>;<BLANK>;<SMALL>;<2> % <U0032> % DIGIT TWO
<2S> <2>;<BLANK>;<SUPERSCRIPT>;<2S> % <U00B2> % SUPERSCRIPT TWO
<2s> <2>;<BLANK>;<SUBSCRIPT>;<2s> % <U2082> % SUBSCRIPT TWO
<3> <3>;<BLANK>;<SMALL>;<3> % <U0033> % DIGIT THREE
<3S> <3>;<BLANK>;<SUPERSCRIPT>;<3S> % <U00B3> % SUPERSCRIPT THREE
<4> <4>;<BLANK>;<SMALL>;<4> % <U0034> % DIGIT FOUR
<5> <5>;<BLANK>;<SMALL>;<5> % <U0035> % DIGIT FIVE
<6> <6>;<BLANK>;<SMALL>;<6> % <U0036> % DIGIT SIX
<7> <7>;<BLANK>;<SMALL>;<7> % <U0037> % DIGIT SEVEN
<8> <8>;<BLANK>;<SMALL>;<8> % <U0038> % DIGIT EIGHT
<9> <9>;<BLANK>;<SMALL>;<9> % <U0039> % DIGIT NINE

% Latin
%
<a> <a>;<BLANK>;<SMALL>;<a> % <U0061> % LATIN SMALL LETTER A
<A> <a>;<BLANK>;<CAPITAL>;<A> % <U0041> % LATIN CAPITAL LETTER A
<a'> <a>;<ACUTE>;<SMALL>;<a'> % <U00E1> % LATIN SMALL LETTER A WITH ACUTE
<A'> <a>;<ACUTE>;<CAPITAL>;<A'> % <U00C1> % LATIN CAPITAL LETTER A WITH ACUTE
<a!> <a>;<GRAVE>;<SMALL>;<a!> % <U00E0> % LATIN SMALL LETTER A WITH GRAVE
<A!> <a>;<GRAVE>;<CAPITAL>;<A!> % <U00C0> % LATIN CAPITAL LETTER A WITH GRAVE
<a(> <a>;<BREVE>;<SMALL>;<a(> % <U0103> % LATIN SMALL LETTER A WITH BREVE
<A(> <a>;<BREVE>;<CAPITAL>;<A(> % <U0102> % LATIN CAPITAL LETTER A WITH BREVE
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<S> <s>;<BLANK>;<CAPITAL>;<S> % <U0053> % LATIN CAPITAL LETTER S
<s'> <s>;<ACUTE>;<SMALL>;<s'> % <U015B> % LATIN SMALL LETTER S WITH ACUTE
<S'> <s>;<ACUTE>;<CAPITAL>;<S'> % <U015A> % LATIN CAPITAL LETTER S WITH ACUTE
<s/>> <s>;<CIRCUMFLEX>;<SMALL>;<s/>> % <U015D> % LATIN SMALL LETTER S WITH CIRCUMFLEX
<S/>> <s>;<CIRCUMFLEX>;<CAPITAL>;<s/>> % <U015C> % LATIN CAPITAL LETTER S WITH CIRCUMFLEX
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<S<> <s>;<CARON>;<CAPITAL>;<s<> % <U0160> % LATIN CAPITAL LETTER S WITH CARON
<s.> <s>;<DOT>;<SMALL>;<s.> % <U1E61> % LATIN SMALL LETTER S WITH DOT ABOVE
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<s8>
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<t<> <t>;<CARON>;<SMALL>;<t<> % <U0165> % LATIN SMALL LETTER T WITH CARON

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% Greek
%
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AND YPOEGGRAMMENI
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<y*,?> <y*>;<DASIA><PERISPOMENI>;<SMALL>;<y*,?> % <U1F27> % GREEK SMALL LETTER ETA WITH DASIA AND PERISPOMENI
<Y*,?> <y*>;<DASIA><PERISPOMENI>;<CAPITAL>;<y*,?> % <U1F2F> % GREEK CAPITAL LETTER ETA WITH DASIA AND PERISPOMENI
<y*,!> <y*>;<OXIA>;<SMALL>;<y*,!> % <U1F75> % GREEK SMALL LETTER ETA WITH OXIA
<Y*,!> <y*>;<OXIA>;<CAPITAL>;<y*,!> % <U1FCB> % GREEK CAPITAL LETTER ETA WITH OXIA
<y*,!> <y*>;<VARIA>;<SMALL>;<y*,!> % <U1F74> % GREEK SMALL LETTER ETA WITH VARIA
<Y*,!> <y*>;<VARIA>;<CAPITAL>;<y*,!> % <U1FCA> % GREEK CAPITAL LETTER ETA WITH VARIA
<y*,?> <y*>;<PERISPOMENI>;<SMALL>;<y*,?> % <U1FC6> % GREEK SMALL LETTER ETA WITH PERISPOMENI
<y'> <y'>;<TONOS>;<SMALL>;<y'> % <U03AE> % GREEK SMALL LETTER ETA WITH TONOS
<Y'> <y'>;<TONOS>;<CAPITAL>;<y'> % <U0389> % GREEK CAPITAL LETTER ETA WITH TONOS
<y* > <y*>;<YPOEGGRAMMENI>;<SMALL>;<y* > % <U1FC3> % GREEK SMALL LETTER ETA WITH YPOEGGRAMMENI
<Y* > <y*>;<YPOEGGRAMMENI>;<CAPITAL>;<y* > % <U1FCC> % GREEK CAPITAL LETTER ETA WITH PROSGEGRAMMENI
<y*, j> <y*>;<YPOEGGRAMMENI><PSILI>;<SMALL>;<y*, j> % <U1F90> % GREEK SMALL LETTER ETA WITH PSILI AND YPOEGGRAMMENI
<Y*, J> <y*>;<YPOEGGRAMMENI><PSILI>;<CAPITAL>;<y*, J> % <U1F98> % GREEK CAPITAL LETTER ETA WITH PSILI AND PROSGEGRAMMENI
<y*,'j> <y*>;<YPOEGGRAMMENI><PSILI><OXIA>;<SMALL>;<y*,'j> % <U1F94> % GREEK SMALL LETTER ETA WITH PSILI AND OXIA AND YPOEGGRAMMENI
<Y*,'J> <y*>;<YPOEGGRAMMENI><PSILI><OXIA>;<CAPITAL>;<y*,'J> % <U1F9C> % GREEK CAPITAL LETTER ETA WITH PSILI AND OXIA AND PROSGEGRAMMENI
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<Y*,!J> <y*>;<YPOEGGRAMMENI><PSILI><VARIA>;<CAPITAL>;<y*,!J> % <U1F9A> % GREEK CAPITAL LETTER ETA WITH PSILI AND VARIA AND PROSGEGRAMMENI
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<y*,!j> <y*>;<YPOEGGRAMMENI><DASIA>;<SMALL>;<y*,!j> % <U1F91> % GREEK SMALL LETTER ETA WITH DASIA AND YPOEGGRAMMENI
<Y*,!J> <y*>;<YPOEGGRAMMENI><DASIA>;<CAPITAL>;<y*,!J> % <U1F99> % GREEK CAPITAL LETTER ETA WITH DASIA AND

PROSGEGRAMMENI
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<y*!j> <y*>;<YPOEGEGRAMMENI><OXIA>;<SMALL>;<y*!j> % <U1FC4> % GREEK SMALL LETTER ETA WITH OXIA AND YPOEGEGRAMMENI
<y*!J> <y*>;<YPOEGEGRAMMENI><VARIA>;<SMALL>;<y*!j> % <U1FC2> % GREEK SMALL LETTER ETA WITH VARIA AND YPOEGEGRAMMENI
<y*!j> <y*>;<YPOEGEGRAMMENI><PERISPOMENI>;<SMALL>;<y*!j> % <U1FC7> % GREEK SMALL LETTER ETA WITH PERISPOMENI AND YPOEGEGRAMMENI
<h*> <h*>;<BLANK>;<SMALL>;<h*> % <U03B8> % GREEK SMALL LETTER THETA
<H*> <h*>;<BLANK>;<CAPITAL>;<H*> % <U0398> % GREEK CAPITAL LETTER THETA
<i*> <i*>;<BLANK>;<SMALL>;<i*> % <U03B9> % GREEK SMALL LETTER IOTA
<I*> <i*>;<BLANK>;<CAPITAL>;<I*> % <U0399> % GREEK CAPITAL LETTER IOTA
<i*!> <i*>;<PSILI>;<SMALL>;<i*!> % <U1F30> % GREEK SMALL LETTER IOTA WITH PSILI
<I*!> <i*>;<PSILI>;<CAPITAL>;<I*!> % <U1F38> % GREEK CAPITAL LETTER IOTA WITH PSILI
<i*!> <i*>;<PSILI><OXIA>;<SMALL>;<i*!> % <U1F34> % GREEK SMALL LETTER IOTA WITH PSILI AND OXIA
<I*!> <i*>;<PSILI><OXIA>;<CAPITAL>;<I*!> % <U1F3C> % GREEK CAPITAL LETTER IOTA WITH PSILI AND OXIA
<i*!> <i*>;<PSILI><VARIA>;<SMALL>;<i*!> % <U1F32> % GREEK SMALL LETTER IOTA WITH PSILI AND VARIA
<I*!> <i*>;<PSILI><VARIA>;<CAPITAL>;<I*!> % <U1F3A> % GREEK CAPITAL LETTER IOTA WITH PSILI AND VARIA
<i*!> <i*>;<PSILI><PERISPOMENI>;<SMALL>;<i*!> % <U1F36> % GREEK SMALL LETTER IOTA WITH PSILI AND PERISPOMENI
<I*!> <i*>;<PSILI><PERISPOMENI>;<CAPITAL>;<I*!> % <U1F3E> % GREEK CAPITAL LETTER IOTA WITH PSILI AND PERISPOMENI
<i*!> <i*>;<DASIA>;<SMALL>;<i*!> % <U1F31> % GREEK SMALL LETTER IOTA WITH DASIA
<I*!> <i*>;<DASIA>;<CAPITAL>;<I*!> % <U1F39> % GREEK CAPITAL LETTER IOTA WITH DASIA
<i*!> <i*>;<DASIA><OXIA>;<SMALL>;<i*!> % <U1F35> % GREEK SMALL LETTER IOTA WITH DASIA AND OXIA
<I*!> <i*>;<DASIA><OXIA>;<CAPITAL>;<I*!> % <U1F3D> % GREEK CAPITAL LETTER IOTA WITH DASIA AND OXIA
<i*!> <i*>;<DASIA><VARIA>;<SMALL>;<i*!> % <U1F33> % GREEK SMALL LETTER IOTA WITH DASIA AND VARIA
<I*!> <i*>;<DASIA><VARIA>;<CAPITAL>;<I*!> % <U1F3B> % GREEK CAPITAL LETTER IOTA WITH DASIA AND VARIA
<i*!> <i*>;<DASIA><PERISPOMENI>;<SMALL>;<i*!> % <U1F37> % GREEK SMALL LETTER IOTA WITH DASIA AND PERISPOMENI
<I*!> <i*>;<DASIA><PERISPOMENI>;<CAPITAL>;<I*!> % <U1F3F> % GREEK CAPITAL LETTER IOTA WITH DASIA AND PERISPOMENI
<i*!> <i*>;<OXIA>;<SMALL>;<i*!> % <U1F77> % GREEK SMALL LETTER IOTA WITH OXIA
<I*!> <i*>;<OXIA>;<CAPITAL>;<I*!> % <U1F7B> % GREEK CAPITAL LETTER IOTA WITH OXIA
<i*!> <i*>;<VARIA>;<SMALL>;<i*!> % <U1F76> % GREEK SMALL LETTER IOTA WITH VARIA
<I*!> <i*>;<VARIA>;<CAPITAL>;<I*!> % <U1F7A> % GREEK CAPITAL LETTER IOTA WITH VARIA
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<I!> <i!>;<TONOS>;<SMALL>;<i!> % <U03AF> % GREEK SMALL LETTER IOTA WITH TONOS
<I!> <i!>;<TONOS>;<CAPITAL>;<i!> % <U038A> % GREEK CAPITAL LETTER IOTA WITH TONOS
<i*!> <i*>;<BREVE>;<SMALL>;<i*!> % <U1FD0> % GREEK SMALL LETTER IOTA WITH VRACHY
<I*!> <i*>;<BREVE>;<CAPITAL>;<i*!> % <U1FD8> % GREEK CAPITAL LETTER IOTA WITH VRACHY
<j*> <j*>;<DIALYTIKA>;<SMALL>;<j*> % <U03CA> % GREEK SMALL LETTER IOTA WITH DIALYTIKA
<i*!> <i!>;<DIALYTIKA>;<CAPITAL>;<j*> % <U03AA> % GREEK CAPITAL LETTER IOTA WITH DIALYTIKA
<i*!> <i!>;<DIALYTIKA><OXIA>;<SMALL>;<i*!> % <U1FD3> % GREEK SMALL LETTER IOTA WITH DIALYTIKA AND OXIA
<i*!> <i!>;<DIALYTIKA><VARIA>;<SMALL>;<i*!> % <U1FD2> % GREEK SMALL LETTER IOTA WITH DIALYTIKA AND VARIA
<i*!> <i!>;<DIALYTIKA><PERISPOMENI>;<SMALL>;<i*!> % <U1FD7> % GREEK SMALL LETTER IOTA WITH DIALYTIKA AND PERISPOMENI
<i!> <i!>;<DIALYTIKA><TONOS>;<SMALL>;<i!> % <U0390> % GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS
<i*!> <i!>;<MACRON>;<SMALL>;<i*!> % <U1FD1> % GREEK SMALL LETTER IOTA WITH MACRON
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<k*> <k*>;<BLANK>;<SMALL>;<k*> % <U03BA> % GREEK SMALL LETTER KAPPA
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<n*> <n*>;<BLANK>;<SMALL>;<n*> % <U03BD> % GREEK SMALL LETTER NU
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<o*> <o*>;<BLANK>;<SMALL>;<o*> % <U03BE> % GREEK SMALL LETTER XI
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<o*!> <o*!>;<PSILI><OXIA>;<SMALL>;<o*!> % <U1F44> % GREEK SMALL LETTER OMICRON WITH PSILI AND OXIA
<O*!> <o*!>;<PSILI><OXIA>;<CAPITAL>;<o*!> % <U1F4C> % GREEK CAPITAL LETTER OMICRON WITH PSILI AND OXIA
<o*!> <o*!>;<PSILI><VARIA>;<SMALL>;<o*!> % <U1F42> % GREEK SMALL LETTER OMICRON WITH PSILI AND VARIA
<O*!> <o*!>;<PSILI><VARIA>;<CAPITAL>;<o*!> % <U1F4A> % GREEK CAPITAL LETTER OMICRON WITH PSILI AND VARIA
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<O*!> <o*!>;<DASIA>;<CAPITAL>;<o*!> % <U1F49> % GREEK CAPITAL LETTER OMICRON WITH DASIA
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<O*!> <o*!>;<DASIA><OXIA>;<CAPITAL>;<o*!> % <U1F4D> % GREEK CAPITAL LETTER OMICRON WITH DASIA AND OXIA
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<O*!> <o*!>;<DASIA><VARIA>;<CAPITAL>;<o*!> % <U1F4B> % GREEK CAPITAL LETTER OMICRON WITH DASIA AND VARIA
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<O*!> <o*!>;<VARIA>;<CAPITAL>;<o*!> % <U1F7E> % GREEK CAPITAL LETTER OMICRON WITH VARIA
<o%> <o%>;<TONOS>;<SMALL>;<o%> % <U03CC> % GREEK SMALL LETTER OMICRON WITH TONOS
<O%> <o%>;<TONOS>;<CAPITAL>;<o%> % <U038C> % GREEK CAPITAL LETTER OMICRON WITH TONOS
<p*> <p*>;<BLANK>;<SMALL>;<p*> % <U03C0> % GREEK SMALL LETTER PI
<P*> <p*>;<BLANK>;<CAPITAL>;<p*> % <U03A0> % GREEK CAPITAL LETTER PI
<k3> <k3>;<BLANK>;<SMALL>;<k3> % <U03DF> % GREEK SMALL LETTER KOPPA
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<r*> <r*>;<BLANK>;<SMALL>;<r*> % <U03C1> % GREEK SMALL LETTER RHO
<R*> <r*>;<BLANK>;<CAPITAL>;<r*> % <U03A1> % GREEK CAPITAL LETTER RHO
<r*!> <r*!>;<PSILI>;<SMALL>;<r*!> % <U1FE4> % GREEK SMALL LETTER RHO WITH PSILI
<R*!> <r*!>;<DASIA>;<SMALL>;<r*!> % <U1FE5> % GREEK SMALL LETTER RHO WITH DASIA
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<e*!> <e*!>;<BLANK>;<SMALL>;<e*!> % <U03C3> % GREEK SMALL LETTER SIGMA
<S*!> <e*!>;<BLANK>;<CAPITAL>;<e*!> % <U03A3> % GREEK CAPITAL LETTER SIGMA
<e*!> <e*!>;<MODIFIED>;<SMALL>;<e*!> % <U03C2> % GREEK SMALL LETTER FINAL SIGMA
<t*> <t*>;<BLANK>;<SMALL>;<t*> % <U03C4> % GREEK SMALL LETTER TAU
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<u*> <u*>;<BLANK>;<SMALL>;<u*> % <U03C5> % GREEK SMALL LETTER UPSILON
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<u*!> <u*!>;<PSILI>;<SMALL>;<u*!> % <U1F50> % GREEK SMALL LETTER UPSILON WITH PSILI
<U*!> <u*!>;<PSILI><OXIA>;<SMALL>;<u*!> % <U1F54> % GREEK SMALL LETTER UPSILON WITH PSILI AND OXIA
<u*!> <u*!>;<PSILI><VARIA>;<SMALL>;<u*!> % <U1F52> % GREEK SMALL LETTER UPSILON WITH PSILI AND VARIA
<u*!> <u*!>;<PSILI><PERISPOMENI>;<SMALL>;<u*!> % <U1F56> % GREEK SMALL LETTER UPSILON WITH PSILI AND PERISPOMENI
<u*!> <u*!>;<DASIA>;<SMALL>;<u*!> % <U1F51> % GREEK SMALL LETTER UPSILON WITH DASIA
<U*!> <u*!>;<DASIA>;<CAPITAL>;<u*!> % <U1F59> % GREEK CAPITAL LETTER UPSILON WITH DASIA
<u*!> <u*!>;<DASIA><OXIA>;<SMALL>;<u*!> % <U1F55> % GREEK SMALL LETTER UPSILON WITH DASIA AND OXIA
<U*!> <u*!>;<DASIA><OXIA>;<CAPITAL>;<u*!> % <U1F5D> % GREEK CAPITAL LETTER UPSILON WITH DASIA AND OXIA
<u*!> <u*!>;<DASIA><VARIA>;<SMALL>;<u*!> % <U1F53> % GREEK SMALL LETTER UPSILON WITH DASIA AND VARIA

<U*!> <u*>;<DASIA><VARIA>;<CAPITAL>;<U*!> % <U1F5B> % GREEK CAPITAL LETTER UPSILON WITH DASIA AND VARIA
<u*?> <u*>;<DASIA><PERISPOMENI>;<SMALL>;<u*?> % <U1F57> % GREEK SMALL LETTER UPSILON WITH DASIA AND PERISPOMENI
<U*?> <u*>;<DASIA><PERISPOMENI>;<CAPITAL>;<U*?> % <U1F5F> % GREEK CAPITAL LETTER UPSILON WITH DASIA AND PERISPOMENI
PERISPOMENI
<u*> <u*>;<OXIA>;<SMALL>;<u*> % <U1F7B> % GREEK SMALL LETTER UPSILON WITH OXIA
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<U*> <u*>;<BREVE>;<CAPITAL>;<U*(> % <U1FE8> % GREEK CAPITAL LETTER UPSILON WITH VRACHY
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<V> <u*>;<DIALYTTIKA>;<CAPITAL>;<v> % <U03AB> % GREEK CAPITAL LETTER UPSILON WITH DIALYTTIKA
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<u*!> <u*>;<DIALYTTIKA><VARIA>;<SMALL>;<u*!> % <U1FE2> % GREEK SMALL LETTER UPSILON WITH DIALYTTIKA AND VARIA
<u*?> <u*>;<DIALYTTIKA><PERISPOMENI>;<SMALL>;<u*?> % <U1FE7> % GREEK SMALL LETTER UPSILON WITH DIALYTTIKA AND PERISPOMENI
PERISPOMENI
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PSOEGGRAMMENI
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AND YPOEGRAMMENI
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% Cyrillic
%
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<c&+ > > <c&+ > >;<BLANK>;<SMALL>;<c&+ > > % <U04BF> % CYRILLIC SMALL LETTER ABKHASIAN CHE WITH DESCENDER
<C&+ > > <c&+ > >;<BLANK>;<CAPITAL>;<c&+ > > % <U04BE> % CYRILLIC CAPITAL LETTER ABKHASIAN CHE WITH DESCENDER
<dz> <dz>;<BLANK>;<SMALL>;<dz> % <U045F> % CYRILLIC SMALL LETTER DZHE
<DZ> <dz>;<BLANK>;<CAPITAL>;<DZ> % <U040F> % CYRILLIC CAPITAL LETTER DZHE
<s> <s>;<BLANK>;<SMALL>;<s> % <U0448> % CYRILLIC SMALL LETTER SHA
<S> <s>;<BLANK>;<CAPITAL>;<S> % <U0428> % CYRILLIC CAPITAL LETTER SHA
<sc> <sc>;<BLANK>;<SMALL>;<sc> % <U0442> % CYRILLIC SMALL LETTER SHCHA
<SC> <sc>;<BLANK>;<CAPITAL>;<SC> % <U0422> % CYRILLIC CAPITAL LETTER SHCHA
<= > <= >;<BLANK>;<SMALL>;<= > % <U044A> % CYRILLIC SMALL LETTER HARD SIGN
<= > <= >;<BLANK>;<CAPITAL>;<= > % <U042A> % CYRILLIC CAPITAL LETTER HARD SIGN
<y> <y>;<BLANK>;<SMALL>;<y> % <U044E> % CYRILLIC SMALL LETTER YERU
<Y> <y>;<BLANK>;<CAPITAL>;<Y> % <U042E> % CYRILLIC CAPITAL LETTER YERU
<y: > <y: >;<BLANK>;<SMALL>;<y: > % <U0449> % CYRILLIC SMALL LETTER YERU WITH DIAERESIS
<Y: > <y: >;<BLANK>;<CAPITAL>;<Y: > % <U04F8> % CYRILLIC CAPITAL LETTER YERU WITH DIAERESIS
<~ > <~ >;<BLANK>;<SMALL>;<~ > % <U044C> % CYRILLIC SMALL LETTER SOFT SIGN
<~ > <~ >;<BLANK>;<CAPITAL>;<~ > % <U042C> % CYRILLIC CAPITAL LETTER SOFT SIGN
<je> <je>;<BLANK>;<SMALL>;<je> % <U044D> % CYRILLIC SMALL LETTER E
<JE> <je>;<BLANK>;<CAPITAL>;<JE> % <U042D> % CYRILLIC CAPITAL LETTER E
<ju> <ju>;<BLANK>;<SMALL>;<ju> % <U044E> % CYRILLIC SMALL LETTER YU
<JU> <ju>;<BLANK>;<CAPITAL>;<JU> % <U042E> % CYRILLIC CAPITAL LETTER YU
<ja> <ja>;<BLANK>;<SMALL>;<ja> % <U044F> % CYRILLIC SMALL LETTER YA
<JA> <ja>;<BLANK>;<CAPITAL>;<JA> % <U042F> % CYRILLIC CAPITAL LETTER YA
<h+ > <h+ >;<BLANK>;<SMALL>;<h+ > % <U04A9> % CYRILLIC SMALL LETTER ABKHASIAN HA
<H+ > <h+ >;<BLANK>;<CAPITAL>;<H+ > % <U04A8> % CYRILLIC CAPITAL LETTER ABKHASIAN HA
<I= > <I= >;<BLANK>;<SMALL>;<I= > % <U04C0> % CYRILLIC LETTER PALOCHKA
%
% ISO/IEC 6429 C0+C1 controls
%
<NU> IGNORE;IGNORE;IGNORE;<NU> % <U0000> % NULL (NUL)
<SH> IGNORE;IGNORE;IGNORE;<SH> % <U0001> % START OF HEADING (SOH)
<SX> IGNORE;IGNORE;IGNORE;<SX> % <U0002> % START OF TEXT (STX)
<EX> IGNORE;IGNORE;IGNORE;<EX> % <U0003> % END OF TEXT (ETX)
<ET> IGNORE;IGNORE;IGNORE;<ET> % <U0004> % END OF TRANSMISSION (EOT)
<EQ> IGNORE;IGNORE;IGNORE;<EQ> % <U0005> % ENQUIRY (ENQ)
<AK> IGNORE;IGNORE;IGNORE;<AK> % <U0006> % ACKNOWLEDGE (ACK)
<BL> IGNORE;IGNORE;IGNORE;<BL> % <U0007> % BELL (BEL)
<BS> IGNORE;IGNORE;IGNORE;<BS> % <U0008> % BACKSPACE (BS)
<HT> IGNORE;IGNORE;IGNORE;<HT> % <U0009> % CHARACTER TABULATION (HT)
<LF> IGNORE;IGNORE;IGNORE;<LF> % <U000A> % LINE FEED (LF)
<VT> IGNORE;IGNORE;IGNORE;<VT> % <U000B> % LINE TABULATION (VT)
<FF> IGNORE;IGNORE;IGNORE;<FF> % <U000C> % FORM FEED (FF)
<CR> IGNORE;IGNORE;IGNORE;<CR> % <U000D> % CARRIAGE RETURN (CR)
<SO> IGNORE;IGNORE;IGNORE;<SO> % <U000E> % SHIFT OUT (SO)
<SI> IGNORE;IGNORE;IGNORE;<SI> % <U000F> % SHIFT IN (SI)
<DL> IGNORE;IGNORE;IGNORE;<DL> % <U0010> % DATALINK ESCAPE (DLE)
<D1> IGNORE;IGNORE;IGNORE;<D1> % <U0011> % DEVICE CONTROL ONE (DC1)
<D2> IGNORE;IGNORE;IGNORE;<D2> % <U0012> % DEVICE CONTROL TWO (DC2)
<D3> IGNORE;IGNORE;IGNORE;<D3> % <U0013> % DEVICE CONTROL THREE (DC3)
<D4> IGNORE;IGNORE;IGNORE;<D4> % <U0014> % DEVICE CONTROL FOUR (DC4)
<NK> IGNORE;IGNORE;IGNORE;<NK> % <U0015> % NEGATIVE ACKNOWLEDGE (NAK)
<SY> IGNORE;IGNORE;IGNORE;<SY> % <U0016> % SYNCHRONOUS IDLE (SYN)
<EB> IGNORE;IGNORE;IGNORE;<EB> % <U0017> % END OF TRANSMISSION BLOCK (ETB)
<CN> IGNORE;IGNORE;IGNORE;<CN> % <U0018> % CANCEL (CAN)
 IGNORE;IGNORE;IGNORE; % <U0019> % END OF MEDIUM (EM)
<SB> IGNORE;IGNORE;IGNORE;<SB> % <U001A> % SUBSTITUTE (SUB)
<EC> IGNORE;IGNORE;IGNORE;<EC> % <U001B> % ESCAPE (ESC)
<FS> IGNORE;IGNORE;IGNORE;<FS> % <U001C> % FILE SEPARATOR (IS4)
<GS> IGNORE;IGNORE;IGNORE;<GS> % <U001D> % GROUP SEPARATOR (IS3)
<RS> IGNORE;IGNORE;IGNORE;<RS> % <U001E> % RECORD SEPARATOR (IS2)
<US> IGNORE;IGNORE;IGNORE;<US> % <U001F> % UNIT SEPARATOR (IS1)
<DT> IGNORE;IGNORE;IGNORE;<DT> % <U007F> % DELETE (DEL)
<PA> IGNORE;IGNORE;IGNORE;<PA> % <U0080> % (UNDEFINED 1)
<HO> IGNORE;IGNORE;IGNORE;<HO> % <U0081> % (UNDEFINED 2)
<BH> IGNORE;IGNORE;IGNORE;<BH> % <U0082> % BREAK PERMITTED HERE (BPH)
<NH> IGNORE;IGNORE;IGNORE;<NH> % <U0083> % NO BREAK HERE (NBH)
<IN> IGNORE;IGNORE;IGNORE;<IN> % <U0084> % (UNDEFINED 3)
<NL> IGNORE;IGNORE;IGNORE;<NL> % <U0085> % NEXT LINE (NEL)
<SA> IGNORE;IGNORE;IGNORE;<SA> % <U0086> % START OF SELECTED AREA (SSA)
<ES> IGNORE;IGNORE;IGNORE;<ES> % <U0087> % END OF SELECTED AREA (ESA)
<HS> IGNORE;IGNORE;IGNORE;<HS> % <U0088> % CHARACTER TABULATION SET (HTS)

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<HJ> IGNORE;IGNORE;IGNORE;<HJ> % <U0089> % CHARACTER TABULATION WITH JUSTIFICATION (HTJ)
<VS> IGNORE;IGNORE;IGNORE;<VS> % <U008A> % LINE TABULATION SET (VTS)
<PD> IGNORE;IGNORE;IGNORE;<PD> % <U008B> % PARTIAL LINE FORWARD (PLD)
<PU> IGNORE;IGNORE;IGNORE;<PU> % <U008C> % PARTIAL LINE BACKWARD (PLU)
<RI> IGNORE;IGNORE;IGNORE;<RI> % <U008D> % REVERSE LINE FEED (RI)
<S2> IGNORE;IGNORE;IGNORE;<S2> % <U008E> % SINGLE-SHIFT TWO (SS2)
<S3> IGNORE;IGNORE;IGNORE;<S3> % <U008F> % SINGLE-SHIFT THREE (SS3)
<DC> IGNORE;IGNORE;IGNORE;<DC> % <U0090> % DEVICE CONTROL STRING (DCS)
<P1> IGNORE;IGNORE;IGNORE;<P1> % <U0091> % PRIVATE USE ONE (PU1)
<P2> IGNORE;IGNORE;IGNORE;<P2> % <U0092> % PRIVATE USE TWO (PU2)
<TS> IGNORE;IGNORE;IGNORE;<TS> % <U0093> % SET TRANSMIT STATE (STS)
<CC> IGNORE;IGNORE;IGNORE;<CC> % <U0094> % CANCEL CHARACTER (CCH)
<MM> IGNORE;IGNORE;IGNORE;<MM> % <U0095> % MESSAGE WAITING (MW)
<SG> IGNORE;IGNORE;IGNORE;<SG> % <U0096> % START OF GUARDED AREA (SPA)
<EG> IGNORE;IGNORE;IGNORE;<EG> % <U0097> % END OF GUARDED AREA (EPA)
<SS> IGNORE;IGNORE;IGNORE;<SS> % <U0098> % START OF STRING (SOS)
<GC> IGNORE;IGNORE;IGNORE;<GC> % <U0099> % (UNDEFINED 4)
<SC> IGNORE;IGNORE;IGNORE;<SC> % <U009A> % SINGLE CHARACTER INTRODUCER (SCI)
<CI> IGNORE;IGNORE;IGNORE;<CI> % <U009B> % CONTROL SEQUENCE INTRODUCER (CSI)
<ST> IGNORE;IGNORE;IGNORE;<ST> % <U009C> % STRING TERMINATOR (ST)
<OC> IGNORE;IGNORE;IGNORE;<OC> % <U009D> % OPERATING SYSTEM COMMAND (OSC)
<PM> IGNORE;IGNORE;IGNORE;<PM> % <U009E> % PRIVACY MESSAGE (PM)
<AC> IGNORE;IGNORE;IGNORE;<AC> % <U009F> % APPLICATION PROGRAM COMMAND (APC)
%
% Special characters
%
<SP> IGNORE;IGNORE;IGNORE;<SP> % <U0020> % SPACE
<!> IGNORE;IGNORE;IGNORE;<!> % <U0021> % EXCLAMATION MARK
<"> IGNORE;IGNORE;IGNORE;<"> % <U0022> % QUOTATION MARK
<#> IGNORE;IGNORE;IGNORE;<#> % <U0023> % NUMBER SIGN
<%> IGNORE;IGNORE;IGNORE;<%> % <U0025> % PERCENT SIGN
<&> IGNORE;IGNORE;IGNORE;<&> % <U0026> % AMPERSAND
<'> IGNORE;IGNORE;IGNORE;<'> % <U0027> % APOSTROPHE
<(> IGNORE;IGNORE;IGNORE;<(> % <U0028> % LEFT PARENTHESIS
<)> IGNORE;IGNORE;IGNORE;<)> % <U0029> % RIGHT PARENTHESIS
<*> IGNORE;IGNORE;IGNORE;<*> % <U002A> % ASTERISK
<+> IGNORE;IGNORE;IGNORE;<+> % <U002B> % PLUS SIGN
<,> IGNORE;IGNORE;IGNORE;<,> % <U002C> % COMMA
<-> IGNORE;IGNORE;IGNORE;<-> % <U002D> % HYPHEN-MINUS
<.> IGNORE;IGNORE;IGNORE;<.> % <U002E> % FULL STOP
</> IGNORE;IGNORE;IGNORE;</> % <U002F> % SOLIDUS
<:> IGNORE;IGNORE;IGNORE;<:> % <U003A> % COLON
<;> IGNORE;IGNORE;IGNORE;<;> % <U003B> % SEMICOLON
<.<> IGNORE;IGNORE;IGNORE;<.<> % <U003C> % LESS-THAN SIGN
<.> IGNORE;IGNORE;IGNORE;<.> % <U003D> % EQUALS SIGN
</> IGNORE;IGNORE;IGNORE;</> % <U003E> % GREATER-THAN SIGN
<?> IGNORE;IGNORE;IGNORE;<?> % <U003F> % QUESTION MARK
<@> IGNORE;IGNORE;IGNORE;<@> % <U0040> % COMMERCIAL AT
<(> IGNORE;IGNORE;IGNORE;<(> % <U005B> % LEFT SQUARE BRACKET
<////> IGNORE;IGNORE;IGNORE;<////> % <U005C> % REVERSE SOLIDUS
<)> IGNORE;IGNORE;IGNORE;<)> % <U005D> % RIGHT SQUARE BRACKET
</> IGNORE;IGNORE;IGNORE;</> % <U005E> % CIRCUMFLEX ACCENT
<_> IGNORE;IGNORE;IGNORE;<_> % <U005F> % LOW LINE
<!> IGNORE;IGNORE;IGNORE;<!> % <U0060> % GRAVE ACCENT
<(!> IGNORE;IGNORE;IGNORE;<(!> % <U007B> % LEFT CURLY BRACKET
<(!> IGNORE;IGNORE;IGNORE;<(!> % <U007C> % VERTICAL LINE
<!)> IGNORE;IGNORE;IGNORE;<!)> % <U007D> % RIGHT CURLY BRACKET
<!> IGNORE;IGNORE;IGNORE;<!> % <U007E> % TILDE
<NS> IGNORE;IGNORE;IGNORE;<NS> % <U00A0> % NO-BREAK SPACE
<!I> IGNORE;IGNORE;IGNORE;<!I> % <U00A1> % INVERTED EXCLAMATION MARK
<BB> IGNORE;IGNORE;IGNORE;<BB> % <U00A6> % BROKEN BAR
<SE> IGNORE;IGNORE;IGNORE;<SE> % <U00A7> % SECTION SIGN
<:;> IGNORE;IGNORE;IGNORE;<:;> % <U00A8> % DIAERESIS
<Co> IGNORE;IGNORE;IGNORE;<Co> % <U00A9> % COPYRIGHT SIGN
<-a> IGNORE;IGNORE;IGNORE;<-a> % <U00AA> % FEMININE ORDINAL INDICATOR
<<<> IGNORE;IGNORE;IGNORE;<<<> % <U00AB> % LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
<NO> IGNORE;IGNORE;IGNORE;<NO> % <U00AC> % NOT SIGN
<-> IGNORE;IGNORE;IGNORE;<-> % <U00AD> % SOFT HYPHEN
<Rg> IGNORE;IGNORE;IGNORE;<Rg> % <U00AE> % REGISTERED SIGN
<'m> IGNORE;IGNORE;IGNORE;<'m> % <U00AF> % MACRON
<DG> IGNORE;IGNORE;IGNORE;<DG> % <U00B0> % DEGREE SIGN
<+> IGNORE;IGNORE;IGNORE;<+> % <U00B1> % PLUS-MINUS SIGN
<'> IGNORE;IGNORE;IGNORE;<'> % <U00B4> % ACUTE ACCENT
<PI> IGNORE;IGNORE;IGNORE;<PI> % <U00B6> % PILCROW SIGN
<.M> IGNORE;IGNORE;IGNORE;<.M> % <U00B7> % MIDDLE DOT
<'> IGNORE;IGNORE;IGNORE;<'> % <U00B8> % CEDILLA
<-> IGNORE;IGNORE;IGNORE;<-> % <U00BA> % MASCULINE ORDINAL INDICATOR
</>> IGNORE;IGNORE;IGNORE;</>> % <U00BB> % RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
<?I> IGNORE;IGNORE;IGNORE;<?I> % <U00BF> % INVERTED QUESTION MARK
<*X> IGNORE;IGNORE;IGNORE;<*X> % <U00D7> % MULTIPLICATION SIGN
<-:> IGNORE;IGNORE;IGNORE;<-:> % <U00F7> % DIVISION SIGN
<1/>> IGNORE;IGNORE;IGNORE;<1/>> % <U02C6> % MODIFIER LETTER CIRCUMFLEX ACCENT
<'<> IGNORE;IGNORE;IGNORE;<'<> % <U02C7> % CARON
<1-> IGNORE;IGNORE;IGNORE;<1-> % <U02C9> % MODIFIER LETTER MACRON
<'>+> IGNORE;IGNORE;IGNORE;<'>+> % <U02D6> % MODIFIER LETTER PLUS SIGN
<'(> IGNORE;IGNORE;IGNORE;<'(> % <U02D8> % BREVE
<'> IGNORE;IGNORE;IGNORE;<'> % <U02D9> % DOT ABOVE
<'0> IGNORE;IGNORE;IGNORE;<'0> % <U02DA> % RING ABOVE
<'> IGNORE;IGNORE;IGNORE;<'> % <U02DB> % OGONEK
<1?> IGNORE;IGNORE;IGNORE;<1?> % <U02DC> % SMALL TILDE
<'>+> IGNORE;IGNORE;IGNORE;<'>+> % <U02DD> % DOUBLE ACUTE ACCENT
<'>-> IGNORE;IGNORE;IGNORE;<'>-> % <U02DF> % MODIFIER LETTER CROSS ACCENT
<'>+> IGNORE;IGNORE;IGNORE;<'>+> % <U02EE> % MODIFIER LETTER DOUBLE APOSTROPHE
<'G> IGNORE;IGNORE;IGNORE;<'G> % <U0374> % GREEK NUMERAL SIGN
<'G> IGNORE;IGNORE;IGNORE;<'G> % <U0375> % GREEK LOWER NUMERAL SIGN
<3> IGNORE;IGNORE;IGNORE;<3> % <U037A> % GREEK YPOGEGRAMMENI
<?%> IGNORE;IGNORE;IGNORE;<?%> % <U037E> % GREEK QUESTION MARK
<'*> IGNORE;IGNORE;IGNORE;<'*> % <U0384> % GREEK TONOS
<'%> IGNORE;IGNORE;IGNORE;<'%> % <U0385> % GREEK DIALYTIKA TONOS
<'>+> IGNORE;IGNORE;IGNORE;<'>+> % <U0387> % GREEK ANO TELEIA
<kai> IGNORE;IGNORE;IGNORE;<kai> % <U03D7> % GREEK KAI SYMBOL
<'>+> IGNORE;IGNORE;IGNORE;<'>+> % <U1FBD> % GREEK KORONIS
<'>+> IGNORE;IGNORE;IGNORE;<'>+> % <U1FBF> % GREEK PSILI
<?*> IGNORE;IGNORE;IGNORE;<?*> % <U1FC0> % GREEK PERISPOMENI
<?>+> IGNORE;IGNORE;IGNORE;<?>+> % <U1FC1> % GREEK DIALYTIKA AND PERISPOMENI
<'>+> IGNORE;IGNORE;IGNORE;<'>+> % <U1FCD> % GREEK PSILI AND VARIA
<'>+> IGNORE;IGNORE;IGNORE;<'>+> % <U1FCE> % GREEK PSILI AND OXIA
<?>+> IGNORE;IGNORE;IGNORE;<?>+> % <U1FCF> % GREEK PSILI AND PERISPOMENI
<'>+> IGNORE;IGNORE;IGNORE;<'>+> % <U1FDD> % GREEK DASIA AND VARIA
<'>+> IGNORE;IGNORE;IGNORE;<'>+> % <U1FDE> % GREEK DASIA AND OXIA
```

<?;> IGNORE;IGNORE;IGNORE;<?;> % <U1FDF> % GREEK DASIA AND PERISPOMENI
<!:> IGNORE;IGNORE;IGNORE;<!:> % <U1FED> % GREEK DIALYTIKA AND VARIA
<:'> IGNORE;IGNORE;IGNORE;<:'> % <U1FEE> % GREEK DIALYTIKA AND OXIA
<!*> IGNORE;IGNORE;IGNORE;<!*> % <U1FEF> % GREEK VARIA
</!*> IGNORE;IGNORE;IGNORE;</!*> % <U1FFD> % GREEK OXIA
</i> IGNORE;IGNORE;IGNORE;</i> % <U1FFE> % GREEK DASIA
<-N> IGNORE;IGNORE;IGNORE;<-N> % <U2013> % EN DASH
<-M> IGNORE;IGNORE;IGNORE;<-M> % <U2014> % EM DASH
<-3> IGNORE;IGNORE;IGNORE;<-3> % <U2015> % HORIZONTAL BAR
<=2> IGNORE;IGNORE;IGNORE;<=2> % <U2017> % DOUBLE LOW LINE
<'6> IGNORE;IGNORE;IGNORE;<'6> % <U2018> % LEFT SINGLE QUOTATION MARK
<'9> IGNORE;IGNORE;IGNORE;<'9> % <U2019> % RIGHT SINGLE QUOTATION MARK
<.9> IGNORE;IGNORE;IGNORE;<.9> % <U201A> % SINGLE LOW-9 QUOTATION MARK
<'9> IGNORE;IGNORE;IGNORE;<'9> % <U201B> % SINGLE HIGH-REVERSED-9 QUOTATION MARK
<'6> IGNORE;IGNORE;IGNORE;<'6> % <U201C> % LEFT DOUBLE QUOTATION MARK
<'9> IGNORE;IGNORE;IGNORE;<'9> % <U201D> % RIGHT DOUBLE QUOTATION MARK
<.9> IGNORE;IGNORE;IGNORE;<.9> % <U201E> % DOUBLE LOW-9 QUOTATION MARK
</-> IGNORE;IGNORE;IGNORE;</-> % <U2020> % DAGGER
</=> IGNORE;IGNORE;IGNORE;</=> % <U2021> % DOUBLE DAGGER
<sb> IGNORE;IGNORE;IGNORE;<sb> % <U2022> % BULLET
<.3> IGNORE;IGNORE;IGNORE;<.3> % <U2026> % HORIZONTAL ELLIPSIS
<%0> IGNORE;IGNORE;IGNORE;<%0> % <U2030> % PER MILLE SIGN
<'1> IGNORE;IGNORE;IGNORE;<'1> % <U2032> % PRIME
<'2> IGNORE;IGNORE;IGNORE;<'2> % <U2033> % DOUBLE PRIME
<'1> IGNORE;IGNORE;IGNORE;<'1> % <U2039> % SINGLE LEFT-POINTING ANGLE QUOTATION MARK
</>1> IGNORE;IGNORE;IGNORE;</>1> % <U203A> % SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
<!*2> IGNORE;IGNORE;IGNORE;<!*2> % <U203C> % DOUBLE EXCLAMATION MARK
<'> IGNORE;IGNORE;IGNORE;<'> % <U203E> % OVERLINE
</f> IGNORE;IGNORE;IGNORE;</f> % <U2044> % FRACTION SLASH
<E+> IGNORE;IGNORE;IGNORE;<E+> % <U204A> % TIRONIAN SIGN ET
<-> IGNORE;IGNORE;IGNORE;<-> % <U2190> % LEFTWARDS ARROW
<-!> IGNORE;IGNORE;IGNORE;<-!> % <U2191> % UPWARDS ARROW
<-/> IGNORE;IGNORE;IGNORE;<-/> % <U2192> % RIGHTWARDS ARROW
<-v> IGNORE;IGNORE;IGNORE;<-v> % <U2193> % DOWNWARDS ARROW
<-> IGNORE;IGNORE;IGNORE;<-> % <U2194> % LEFT RIGHT ARROW
<UD> IGNORE;IGNORE;IGNORE;<UD> % <U2195> % UP DOWN ARROW
<UD> IGNORE;IGNORE;IGNORE;<UD> % <U21A8> % UP DOWN ARROW WITH BLANK
<FA> IGNORE;IGNORE;IGNORE;<FA> % <U2200> % FOR ALL
<dP> IGNORE;IGNORE;IGNORE;<dP> % <U2202> % PARTIAL DIFFERENTIAL
<TE> IGNORE;IGNORE;IGNORE;<TE> % <U2203> % THERE EXISTS
<DE> IGNORE;IGNORE;IGNORE;<DE> % <U2206> % INCREMENT
<(-> IGNORE;IGNORE;IGNORE;<(-> % <U2208> % ELEMENT OF
<!(-> IGNORE;IGNORE;IGNORE;<!(-> % <U2209> % NOT AN ELEMENT OF
<+P> IGNORE;IGNORE;IGNORE;<+P> % <U220F> % N-ARY PRODUCT
<+Z> IGNORE;IGNORE;IGNORE;<+Z> % <U2211> % N-ARY SUMMATION
<-2> IGNORE;IGNORE;IGNORE;<-2> % <U2212> % MINUS SIGN
</d> IGNORE;IGNORE;IGNORE;</d> % <U2215> % DIVISION SLASH
<Sb> IGNORE;IGNORE;IGNORE;<Sb> % <U2219> % BULLET OPERATOR
<R0> IGNORE;IGNORE;IGNORE;<R0> % <U221A> % SQUARE ROOT
<-L> IGNORE;IGNORE;IGNORE;<-L> % <U221E> % INFINITY
<-L> IGNORE;IGNORE;IGNORE;<-L> % <U221F> % RIGHT ANGLE
<AN> IGNORE;IGNORE;IGNORE;<AN> % <U2227> % LOGICAL AND
<OR> IGNORE;IGNORE;IGNORE;<OR> % <U2228> % LOGICAL OR
<(U> IGNORE;IGNORE;IGNORE;<(U> % <U2229> % INTERSECTION
<|U> IGNORE;IGNORE;IGNORE;<|U> % <U222A> % UNION
<In> IGNORE;IGNORE;IGNORE;<In> % <U222B> % INTEGRAL
<?2> IGNORE;IGNORE;IGNORE;<?2> % <U2248> % ALMOST EQUAL TO
<est> IGNORE;IGNORE;IGNORE;<est> % <U2259> % ESTIMATES
<!=> IGNORE;IGNORE;IGNORE;<!=> % <U2260> % NOT EQUAL TO
<=3> IGNORE;IGNORE;IGNORE;<=3> % <U2261> % IDENTICAL TO
<=<> IGNORE;IGNORE;IGNORE;<=<> % <U2264> % LESS-THAN OR EQUAL TO
</>=> IGNORE;IGNORE;IGNORE;</>=> % <U2265> % GREATER-THAN OR EQUAL TO
<(C> IGNORE;IGNORE;IGNORE;<(C> % <U2282> % SUBSET OF
<|C> IGNORE;IGNORE;IGNORE;<|C> % <U2283> % SUPERSET OF
<00+> IGNORE;IGNORE;IGNORE;<00+> % <U2295> % CIRCLED PLUS
<0*> IGNORE;IGNORE;IGNORE;<0*> % <U2297> % CIRCLED TIMES
<Eh> IGNORE;IGNORE;IGNORE;<Eh> % <U2302> % HOUSE
<NI> IGNORE;IGNORE;IGNORE;<NI> % <U2310> % REVERSED NOT SIGN
<Iu> IGNORE;IGNORE;IGNORE;<Iu> % <U2320> % TOP HALF INTEGRAL
<Il> IGNORE;IGNORE;IGNORE;<Il> % <U2321> % BOTTOM HALF INTEGRAL
<||> IGNORE;IGNORE;IGNORE;<||> % <U2329> % LEFT-POINTING ANGLE BRACKET
<||>> IGNORE;IGNORE;IGNORE;<||>> % <U232A> % RIGHT-POINTING ANGLE BRACKET
<hh> IGNORE;IGNORE;IGNORE;<hh> % <U2500> % BOX DRAWINGS LIGHT HORIZONTAL
<vv> IGNORE;IGNORE;IGNORE;<vv> % <U2502> % BOX DRAWINGS LIGHT VERTICAL
<dr> IGNORE;IGNORE;IGNORE;<dr> % <U250C> % BOX DRAWINGS LIGHT DOWN AND RIGHT
<dl> IGNORE;IGNORE;IGNORE;<dl> % <U2510> % BOX DRAWINGS LIGHT DOWN AND LEFT
<ur> IGNORE;IGNORE;IGNORE;<ur> % <U2514> % BOX DRAWINGS LIGHT UP AND RIGHT
 IGNORE;IGNORE;IGNORE; % <U2518> % BOX DRAWINGS LIGHT UP AND LEFT
<vr> IGNORE;IGNORE;IGNORE;<vr> % <U251C> % BOX DRAWINGS LIGHT VERTICAL AND RIGHT
<vl> IGNORE;IGNORE;IGNORE;<vl> % <U2524> % BOX DRAWINGS LIGHT VERTICAL AND LEFT
<dh> IGNORE;IGNORE;IGNORE;<dh> % <U252C> % BOX DRAWINGS LIGHT DOWN AND HORIZONTAL
<uh> IGNORE;IGNORE;IGNORE;<uh> % <U2534> % BOX DRAWINGS LIGHT UP AND HORIZONTAL
<vh> IGNORE;IGNORE;IGNORE;<vh> % <U253C> % BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL
<HH> IGNORE;IGNORE;IGNORE;<HH> % <U2550> % BOX DRAWINGS DOUBLE HORIZONTAL
<VV> IGNORE;IGNORE;IGNORE;<VV> % <U2551> % BOX DRAWINGS DOUBLE VERTICAL
<dR> IGNORE;IGNORE;IGNORE;<dR> % <U2552> % BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE
<Dr> IGNORE;IGNORE;IGNORE;<Dr> % <U2553> % BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE
<DR> IGNORE;IGNORE;IGNORE;<DR> % <U2554> % BOX DRAWINGS DOUBLE DOWN AND RIGHT
<dL> IGNORE;IGNORE;IGNORE;<dL> % <U2555> % BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE
<DL> IGNORE;IGNORE;IGNORE;<DL> % <U2556> % BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE
<LD> IGNORE;IGNORE;IGNORE;<LD> % <U2557> % BOX DRAWINGS DOUBLE DOWN AND LEFT
<uR> IGNORE;IGNORE;IGNORE;<uR> % <U2558> % BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE
<Ur> IGNORE;IGNORE;IGNORE;<Ur> % <U2559> % BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE
<UR> IGNORE;IGNORE;IGNORE;<UR> % <U255A> % BOX DRAWINGS DOUBLE UP AND RIGHT
 IGNORE;IGNORE;IGNORE; % <U255B> % BOX DRAWINGS UP SINGLE AND LEFT DOUBLE
 IGNORE;IGNORE;IGNORE; % <U255C> % BOX DRAWINGS UP DOUBLE AND LEFT SINGLE
 IGNORE;IGNORE;IGNORE; % <U255D> % BOX DRAWINGS DOUBLE UP AND LEFT
<vR> IGNORE;IGNORE;IGNORE;<vR> % <U255E> % BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE
<Vr> IGNORE;IGNORE;IGNORE;<Vr> % <U255F> % BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE
<VR> IGNORE;IGNORE;IGNORE;<VR> % <U2560> % BOX DRAWINGS DOUBLE VERTICAL AND RIGHT
<vL> IGNORE;IGNORE;IGNORE;<vL> % <U2561> % BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE
<VL> IGNORE;IGNORE;IGNORE;<VL> % <U2562> % BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE
<vL> IGNORE;IGNORE;IGNORE;<vL> % <U2563> % BOX DRAWINGS DOUBLE VERTICAL AND LEFT
<dH> IGNORE;IGNORE;IGNORE;<dH> % <U2564> % BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE
<Dh> IGNORE;IGNORE;IGNORE;<Dh> % <U2565> % BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE
<DH> IGNORE;IGNORE;IGNORE;<DH> % <U2566> % BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL
<uH> IGNORE;IGNORE;IGNORE;<uH> % <U2567> % BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE
<UH> IGNORE;IGNORE;IGNORE;<UH> % <U2568> % BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE
<UH> IGNORE;IGNORE;IGNORE;<UH> % <U2569> % BOX DRAWINGS DOUBLE UP AND HORIZONTAL
<vH> IGNORE;IGNORE;IGNORE;<vH> % <U256A> % BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE

```
<Vh> IGNORE;IGNORE;IGNORE;<Vh> % <U256B> % BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE
<VH> IGNORE;IGNORE;IGNORE;<VH> % <U256C> % BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL
<TB> IGNORE;IGNORE;IGNORE;<TB> % <U2580> % UPPER HALF BLOCK
<LB> IGNORE;IGNORE;IGNORE;<LB> % <U2584> % LOWER HALF BLOCK
<FB> IGNORE;IGNORE;IGNORE;<FB> % <U2588> % FULL BLOCK
<LB> IGNORE;IGNORE;IGNORE;<LB> % <U258C> % LEFT HALF BLOCK
<RB> IGNORE;IGNORE;IGNORE;<RB> % <U2590> % RIGHT HALF BLOCK
<.S> IGNORE;IGNORE;IGNORE;<.S> % <U2591> % LIGHT SHADE
<:S> IGNORE;IGNORE;IGNORE;<:S> % <U2592> % MEDIUM SHADE
<?S> IGNORE;IGNORE;IGNORE;<?S> % <U2593> % DARK SHADE
<fS> IGNORE;IGNORE;IGNORE;<fS> % <U25A0> % BLACK SQUARE
<oS> IGNORE;IGNORE;IGNORE;<oS> % <U25A1> % WHITE SQUARE
<sB> IGNORE;IGNORE;IGNORE;<sB> % <U25AA> % BLACK SMALL SQUARE
<ws> IGNORE;IGNORE;IGNORE;<ws> % <U25AB> % WHITE SMALL SQUARE
<SR> IGNORE;IGNORE;IGNORE;<SR> % <U25AC> % BLACK RECTANGLE
<UT> IGNORE;IGNORE;IGNORE;<UT> % <U25B2> % BLACK UP-POINTING TRIANGLE
<PR> IGNORE;IGNORE;IGNORE;<PR> % <U25BA> % BLACK RIGHT-POINTING POINTER
<Dt> IGNORE;IGNORE;IGNORE;<Dt> % <U25BC> % BLACK DOWN-POINTING TRIANGLE
<PL> IGNORE;IGNORE;IGNORE;<PL> % <U25C4> % BLACK LEFT-POINTING POINTER
<LZ> IGNORE;IGNORE;IGNORE;<LZ> % <U25CA> % LOZENGE
<0m> IGNORE;IGNORE;IGNORE;<0m> % <U25CB> % WHITE CIRCLE
<0M> IGNORE;IGNORE;IGNORE;<0M> % <U25CF> % BLACK CIRCLE
<Sn> IGNORE;IGNORE;IGNORE;<Sn> % <U25D8> % INVERSE BULLET
<Ic> IGNORE;IGNORE;IGNORE;<Ic> % <U25D9> % INVERSE WHITE CIRCLE
<wb> IGNORE;IGNORE;IGNORE;<wb> % <U25E6> % WHITE BULLET
<0u> IGNORE;IGNORE;IGNORE;<0u> % <U263A> % WHITE SMILING FACE
<0U> IGNORE;IGNORE;IGNORE;<0U> % <U263B> % BLACK SMILING FACE
<SU> IGNORE;IGNORE;IGNORE;<SU> % <U263C> % WHITE SUN WITH RAYS
<Fm> IGNORE;IGNORE;IGNORE;<Fm> % <U2640> % FEMALE SIGN
<Ml> IGNORE;IGNORE;IGNORE;<Ml> % <U2642> % MALE SIGN
<cS> IGNORE;IGNORE;IGNORE;<cS> % <U2660> % BLACK SPADE SUIT
<cC> IGNORE;IGNORE;IGNORE;<cC> % <U2663> % BLACK CLUB SUIT
<CH-> IGNORE;IGNORE;IGNORE;<CH-> % <U2665> % BLACK HEART SUIT
<CD-> IGNORE;IGNORE;IGNORE;<CD-> % <U2666> % BLACK DIAMOND SUIT
<M8> IGNORE;IGNORE;IGNORE;<M8> % <U266A> % EIGHTH NOTE
<M2> IGNORE;IGNORE;IGNORE;<M2> % <U266B> % BEAMED EIGHTH NOTES
<??> IGNORE;IGNORE;IGNORE;<??> % <UFFFD> % REPLACEMENT CHARACTER

<Cu> IGNORE;IGNORE;IGNORE;<Cu> % <U00A4> % CURRENCY SIGN
<Ct> IGNORE;IGNORE;IGNORE;<Ct> % <U00A2> % CENT SIGN
<DO> IGNORE;IGNORE;IGNORE;<DO> % <U0024> % DOLLAR SIGN
<Pd> IGNORE;IGNORE;IGNORE;<Pd> % <U00A3> % POUND SIGN
<Ye> IGNORE;IGNORE;IGNORE;<Ye> % <U00A5> % YEN SIGN
<Ff> IGNORE;IGNORE;IGNORE;<Ff> % <U20A3> % FRENCH FRANC SIGN
<Li> IGNORE;IGNORE;IGNORE;<Li> % <U20A4> % LIRA SIGN
<Pt> IGNORE;IGNORE;IGNORE;<Pt> % <U20A7> % PESETA SIGN
<Eu> IGNORE;IGNORE;IGNORE;<Eu> % <U20AC> % EURO SIGN
<Dr$> IGNORE;IGNORE;IGNORE;<Dr$> % <U20AF> % DRACHMA SIGN
<Est> IGNORE;IGNORE;IGNORE;<Est> % <U212E> % ESTIMATED SYMBOL
<12> IGNORE;IGNORE;IGNORE;<12> % <U00BD> % VULGAR FRACTION ONE HALF
<14> IGNORE;IGNORE;IGNORE;<14> % <U00BC> % VULGAR FRACTION ONE QUARTER
<18> IGNORE;IGNORE;IGNORE;<18> % <U215B> % VULGAR FRACTION ONE EIGHTH
<34> IGNORE;IGNORE;IGNORE;<34> % <U00BE> % VULGAR FRACTION THREE QUARTERS
<38> IGNORE;IGNORE;IGNORE;<38> % <U215C> % VULGAR FRACTION THREE EIGHTHS
<58> IGNORE;IGNORE;IGNORE;<58> % <U215D> % VULGAR FRACTION FIVE EIGHTHS
<78> IGNORE;IGNORE;IGNORE;<78> % <U215E> % VULGAR FRACTION SEVEN EIGHTHS
<co> IGNORE;IGNORE;IGNORE;<co> % <U2105> % CARE OF
<S> IGNORE;IGNORE;IGNORE;<S> % <U02BB> % MODIFIER LETTER TURNED COMMA
<' ,> IGNORE;IGNORE;IGNORE;<' ,> % <U02BD> % MODIFIER LETTER REVERSED COMMA
<1 . ,> IGNORE;IGNORE;IGNORE;<1 . ,> % <U2113> % SCRIPT SMALL L
<N0> IGNORE;IGNORE;IGNORE;<N0> % <U2116> % NUMERO SIGN
<TM> IGNORE;IGNORE;IGNORE;<TM> % <U2122> % TRADE MARK SIGN
<' ' > IGNORE;IGNORE;IGNORE;<' ' > % <U02BC> % MODIFIER LETTER APOSTROPHE
<J3> IGNORE;IGNORE;IGNORE;<J3> % <U1FBE> % GREEK PROSGEGRAMMENI
<My> IGNORE;IGNORE;IGNORE;<My> % <U00B5> % MICRO SIGN
<Om> IGNORE;IGNORE;IGNORE;<Om> % <U2126> % OHM SIGN

UNDEFINED IGNORE;IGNORE;IGNORE % For characters outside MES

order_end

END LC_COLLATE

LC_MONETARY
int_curr_symbol "<E><U><R><SP>"
currency_symbol "<Eu>"
mon_decimal_point "<.>"
mon_thousands_sep "<.>"
mon_grouping 3;3
positive_sign ""
negative_sign "<->"
int_frac_digits 2
frac_digits 2
p_cs_precedes 1
p_sep_by_space 0
n_cs_precedes 1
n_sep_by_space 0
p_sign_posn 1
n_sign_posn 1
END LC_MONETARY

LC_NUMERIC
decimal_point "<.>"
thousands_sep "<.>"
grouping 3;3
END LC_NUMERIC

LC_TIME
abday "<7>";"<1>";"<2>";"<3>";"<4>";"<5>";"<6>"
day "<7>";"<1>";"<2>";"<3>";"<4>";"<5>";"<6>"
abmon "<0><1>";"<0><2>";"<0><3>";"<0><4>";//
"<0><5>";"<0><6>";"<0><7>";"<0><8>";//
"<0><9>";"<1><0>";"<1><1>";"<D><2>"
mon "<0><1>";"<0><2>";"<0><3>";"<0><4>";//
"<0><5>";"<0><6>";"<0><7>";"<0><8>";//
"<0><9>";"<1><0>";"<1><1>";"<1><2>"

% Date and time formats following ISO 8601-1988
% The combined date and time format is given as an individual
% date and an individual time (no "T" in between)
d_t_fmt "<%><Y><-><%><m><-><%><d><SP><%><T>"
```

```
d_fmt      "<%%><Y><-><%%><m><-><%%><d>"
t_fmt      "<%%><T>"
am_pm      ";"
t_fmt_ampm ""
END LC_TIME

LC_MESSAGES
yesexpr    "<<(<+><)/>><.><*>"
noexpr     "<<(<-><)/>><.><*>"
END LC_MESSAGES
```


5.2 Language dependent

5.2.1 da_EU

```
escape_char /
comment_char %

% Danish language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: da
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Application: specific
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday      "<s><o//><n>" ; "<m><a><n>" ; /
           "<t><i><r>" ; "<o><n><s>" ; /
           "<t><o><r>" ; "<f><r><e>" ; /
           "<l><o//><r>"
day        "<s><o//><n><d><a><g>" ; /
           "<m><a><n><d><a><g>" ; /
           "<t><i><r><s><d><a><g>" ; /
           "<o><n><s><d><a><g>" ; /
           "<t><o><r><s><d><a><g>" ; /
           "<f><r><e><d><a><g>" ; /
           "<l><o//><r><d><a><g>"
abmon      "<j><a><n>" ; "<f><e><b>" ; /
```

```

" <m><a><r> " ; " <a><p><r> " ; /
" <m><a><j> " ; " <j><u><n> " ; /
" <j><u><l> " ; " <a><u><g> " ; /
" <s><e><p> " ; " <o><k><t> " ; /
" <n><o><v> " ; " <d><e><c> "
mon " <j><a><n><u><a><r> " ; /
" <f><e><b><r><u><a><r> " ; /
" <m><a><r><t><s> " ; /
" <a><p><r><i><l> " ; /
" <m><a><j> " ; /
" <j><u><n><i> " ; /
" <j><u><l><i> " ; /
" <a><u><g><u><s><t> " ; /
" <s><e><p><t><e><m><b><e><r> " ; /
" <o><k><t><o><b><e><r> " ; /
" <n><o><v><e><m><b><e><r> " ; /
" <d><e><c><e><m><b><e><r> "
d_t_fmt
" <%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S> "
d_fmt " <%><Y><-><%><m><-><%><d> "
t_fmt " <%><H><:><%><M><:><%><S> "
am_pm " ; "
t_fmt_ampm " "
END LC_TIME

LC_MESSAGES
yesexpr " << (><J><j><+><Y><y><o><O>< ) />>< .><*> "
noexpr " << (><N><n><->< ) />>< .><*> "
END LC_MESSAGES
```

5.2.2 de_EU

```
escape_char /
comment_char %
%
% German language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: de
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday    "<S><o><.>" ; "<M><o><.>" ; /
         "<D><i><.>" ; "<M><i><.>" ; /
         "<D><o><.>" ; "<F><r><.>" ; /
         "<S><a><.>"
day      "<S><o><n><n><t><a><g>" ; /
         "<M><o><n><t><a><g>" ; /
         "<D><i><e><n><s><t><a><g>" ; /
         "<M><i><t><t><w><o><c><h>" ; /
         "<D><o><n><n><e><r><s><t><a><g>" ; /
         "<F><r><e><i><t><a><g>" ; /
         "<S><a><m><s><t><a><g>"
abmon    "<J><a><n><.>" ; "<F><e><b><r>" ; /
         "<M><a><:><r><z>" ; "<A><p><r><.>" ; /
         "<M><a><i><SP>" ; "<J><u><n><i>" ; /
         "<J><u><l><i>" ; "<A><u><g><.>" ; /
```

```
"<S><e><p><.>" ; "<O><k><t><.>" ;/  
"<N><o><v><.>" ; "<D><e><z><.>"  
mon " <J><a><n><u><a><r>" ;/  
" <F><e><b><r><u><a><r>" ;/  
" <M><a:><r><z>" ;/  
" <A><p><r><i><l>" ;/  
" <M><a><i>" ;/  
" <J><u><n><i>" ;/  
" <J><u><l><i>" ;/  
" <A><u><g><u><s><t>" ;/  
" <S><e><p><t><e><m><b><e><r>" ;/  
" <O><k><t><o><b><e><r>" ;/  
" <N><o><v><e><m><b><e><r>" ;/  
" <D><e><z><e><m><b><e><r>"  
d_t_fmt  
" <%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S> "  
d_fmt " <%><Y><-><%><m><-><%><d> "  
t_fmt " <%><H><:><%><M><:><%><S> "  
am_pm " ; " "  
t_fmt_ampm " "  
END LC_TIME  
  
LC_MESSAGES  
yesexpr " << (><J><j><+><l><Y><y><)/>><.><*> "  
noexpr " << (><N><n><0><-><)/>><.><*> "  
END LC_MESSAGES
```

5.2.3 el_EU

```
comment_char %
escape_char /
%
% Greek language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: el
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-7
% Distribution and use is free, also
% for commercial purposes.

LC_COLLATE
copy "_EU"
END LC_COLLATE

LC_CTYPE
copy "_EU"
END LC_CTYPE

LC_MESSAGES
yesexpr "<<( <n*><N*><+><j><J><y><Y><o><O><> ) />><.><*> "
noexpr  "<<( <o*><O*><-><n><N><> ) />><.><*> "
END LC_MESSAGES

LC_NUMERIC
copy "_EU"
END LC_NUMERIC

LC_MONETARY
copy "_EU"
END LC_MONETARY

LC_TIME
abday   "<K*><u*><r*><.>";<D*><e*><u*><.>";/
        "<T*><r*><i%><.>";<T*><e*><t*><.>";/
        "<P*><e%><m*><.>";<P*><a*><r*><.>";/
        "<S*><a%><b*><.>"
day     "<K*><u*><r*><i*><a*><k*><y%>";/
        "<D*><e*><u*><t*><e%><r*><a*>";/
        "<T*><r*><i%><t*><y*>";/
        "<T*><e*><t*><a%><r*><t*><y*>";/
        "<P*><e%><m*><p*><t*><y*>";/
        "<P*><a*><r*><a*><s*><k*><e*><u*><y%>";/
```

```
abmon      "<S*><a%><b*><b*><a*><t*><o*>"
           "<I*><a*><n*><.><SP>" ; "<F*><e*><b*><.><SP>" ;/
           "<M*><a*><r*><.><SP>" ; "<A*><p*><r*><.><SP>" ;/
           "<M*><a*><i3><o*><u*>" ; "<I*><o*><u*><n*><.>" ;/
           "<I*><o*><u*><l*><.>" ; "<A*><u*><g*><.><SP>" ;/
           "<S*><e*><p*><.><SP>" ; "<O*><k*><t*><.><SP>" ;/
           "<N*><o*><e*><.><SP>" ; "<D*><e*><k*><.><SP>"
mon        "<I*><a*><n*><o*><u*><a*><r*><i%><o*><u*>" ;/
           "<F*><e*><b*><r*><o*><u*><a*><r*><i%><o*><u*>" ;/
           "<M*><a*><r*><t*><i%><o*><u*>" ;/
           "<A*><p*><r*><i*><l*><i%><o*><u*>" ;/
           "<M*><a*><i3><o*><u*>" ;/
           "<I*><o*><u*><n*><i%><o*><u*>" ;/
           "<I*><o*><u*><l*><i%><o*><u*>" ;/
           "<A*><u*><g*><o*><u%><s*><t*><o*><u*>" ;/
           "<S*><e*><p*><t*><e*><m*><b*><r*><i%><o*><u*>" ;/
           "<O*><k*><t*><w*><b*><r*><i%><o*><u*>" ;/
           "<N*><o*><e*><m*><b*><r*><i%><o*><u*>" ;/
           "<D*><e*><k*><e*><m*><b*><r*><i%><o*><u*>"
d_t_fmt    "<%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"
d_fmt      "<%><Y><-><%><m><-><%><d>"
t_fmt      "<%><H><:><%><M><:><%><S>"
am_pm      ";"
t_fmt_ampm ""
END LC_TIME
```

5.2.4 en_EU

```
escape_char /
comment_char %

% English language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: en
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday      "<S><u><n>" ; "<M><o><n>" ; /
           "<T><u><e>" ; "<W><e><d>" ; /
           "<T><h><u>" ; "<F><r><i>" ; /
           "<S><a><t>"
day        "<S><u><n><d><a><y>" ; /
           "<M><o><n><d><a><y>" ; /
           "<T><u><e><s><d><a><y>" ; /
           "<W><e><d><n><e><s><d><a><y>" ; /
           "<T><h><u><r><s><d><a><y>" ; /
           "<F><r><i><d><a><y>" ; /
           "<S><a><t><u><r><d><a><y>"
abmon      "<J><a><n>" ; "<F><e><b>" ; /
           "<M><a><r>" ; "<A><p><r>" ; /
           "<M><a><y>" ; "<J><u><n>" ; /
           "<J><u><l>" ; "<A><u><g>" ; /
```

```
mon      "<S><e><p>" ; "<O><c><t>" ;/  
        "<N><o><v>" ; "<D><e><c>"  
        "<J><a><n><u><a><r><y>" ;/  
        "<F><e><b><r><u><a><r><y>" ;/  
        "<M><a><r><c><h>" ;/  
        "<A><p><r><i><l>" ;/  
        "<M><a><y>" ;/  
        "<J><u><n><e>" ;/  
        "<J><u><l><y>" ;/  
        "<A><u><g><u><s><t>" ;/  
        "<S><e><p><t><e><m><b><e><r>" ;/  
        "<O><c><t><o><b><e><r>" ;/  
        "<N><o><v><e><m><b><e><r>" ;/  
        "<D><e><c><e><m><b><e><r>"  
  
d_t_fmt  "<%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"  
d_fmt    "<%><Y><-><%><m><-><%><d>"  
t_fmt    "<%><H><:><%><M><:><%><S>"  
am_pm    ";" "  
t_fmt_ampm ""  
END LC_TIME  
  
LC_MESSAGES  
yesexpr  "<<(><y><Y><+><j><J><o><O><)>/>><.><*>"  
noexpr   "<<(><n><N><-><)>/>><.><*>"  
END LC_MESSAGES
```


5.2.5 es_EU

```
comment_char %
escape_char /
%
% Spanish language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: es
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Application: specific
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday    "<d><o><m>" ; "<l><u><n>" ; /
         "<m><a><r>" ; "<m><i><e'>" ; /
         "<j><u><e>" ; "<v><i><e>" ; /
         "<s><a'><b>"
day      "<d><o><m><i><n><g><o>" ; /
         "<l><u><n><e><s>" ; /
         "<m><a><r><t><e><s>" ; /
         "<m><i><e'><r><c><o><l><e><s>" ; /
         "<j><u><e><v><e><s>" ; /
         "<v><i><e><r><n><e><s>" ; /
         "<s><a'><b><a><d><o>"
abmon    "<e><n><e>" ; "<f><e><b>" ; /
         "<m><a><r>" ; "<a><b><r>" ; /
         "<m><a><y>" ; "<j><u><n>" ; /
```

```

    "<j><u><l>" ; "<a><g><o>" ; /
    "<s><e><p>" ; "<o><c><t>" ; /
    "<n><o><v>" ; "<d><i><c>"
mon   "<e><n><e><r><o>" ; /
    "<f><e><b><r><e><r><o>" ; /
    "<m><a><r><z><o>" ; /
    "<a><b><r><i><l>" ; /
    "<m><a><y><o>" ; /
    "<j><u><n><i><o>" ; /
    "<j><u><l><i><o>" ; /
    "<a><g><o><s><t><o>" ; /
    "<s><e><p><t><i><e><m><b><r><e>" ; /
    "<o><c><t><u><b><r><e>" ; /
    "<n><o><v><i><e><m><b><r><e>" ; /
    "<d><i><c><i><e><m><b><r><e>"
d_t_fmt
"<%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"
d_fmt   "<%><Y><-><%><m><-><%><d>"
t_fmt   "<%><H><:><%><M><:><%><S>"
am_pm   ";" " "
t_fmt_ampm " "
END LC_TIME

LC_MESSAGES
yesexpr "<<(><s><S><+><y><Y><o><O><j><J><)/>><.><*>"
noexpr  "<<(><n><N><-><)/>><.><*>"
END LC_MESSAGES
```

5.2.6 fi_EU

escape_char /
comment_char %

```
% Finnish language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: fi
% Territory: EU
% Revision: 5.2
% Date: 2000-09-10
% Application: specific
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday      "<s><u>" ; "<m><a>" ; "<t><i>" ; /
           "<k><e>" ; "<t><o>" ; "<p><e>" ; /
           "<l><a>"
day        "<s><u><n><n><u><n><t><a><i>" ; /
           "<m><a><a><n><a><n><t><a><i>" ; /
           "<t><i><i><s><t><a><i>" ; /
           "<k><e><s><k><i><v><i><i><k><k><o>" ; /
           "<t><o><r><s><t><a><i>" ; /
           "<p><e><r><j><a><n><t><a><i>" ; /
           "<l><a><u><a><n><t><a><i>"
abmon      "<SP><1><.>" ; /
           "<SP><2><.>" ; /
           "<SP><3><.>" ; /
           "<SP><4><.>" ; /
```

```
"<SP><5><.>" ;/  
"<SP><6><.>" ;/  
"<SP><7><.>" ;/  
"<SP><8><.>" ;/  
"<SP><9><.>" ;/  
" <1><0><.>" ;/  
" <1><1><.>" ;/  
" <1><2><.>" ;/  
mon " <t><a><m><m><i><k><u><u>" ;/  
" <h><e><l><m><i><k><u><u>" ;/  
" <m><a><a><l><i><s><k><u><u>" ;/  
" <h><u><h><t><i><k><u><u>" ;/  
" <t><o><u><k><o><k><u><u>" ;/  
" <k><e><s><a><:><k><u><u>" ;/  
" <h><e><i><n><a><:><k><u><u>" ;/  
" <e><l><o><k><u><u>" ;/  
" <s><y><y><s><k><u><u>" ;/  
" <l><o><k><a><k><u><u>" ;/  
" <m><a><r><r><a><s><k><u><u>" ;/  
" <j><o><u><l><u><k><u><u>" ;/  
d_t_fmt "  
" <%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"  
d_fmt "  
" <%><Y><-><%><m><-><%><d>"  
t_fmt "  
" <%><H><:><%><M><:><%><S>"  
am_pm " ; "  
t_fmt_ampm " "  
END LC_TIME  
  
LC_MESSAGES  
yesexpr " <<(><k><K><+><j><J><y><Y><o><O><)>/>><.><*>"  
noexpr " <<(><e><E><-><n><N><)>/>><.><*>"  
END LC_MESSAGES
```

5.2.7 fr_EU

```
comment_char %
escape_char /
%
% French language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: fr
% Territory: EU
% Revision: 5.2
% Date: 2000-09-10
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-15
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday    "<d><i><m>" ; "<l><u><n>" ; /
         "<m><a><r>" ; "<m><e><r>" ; /
         "<j><e><u>" ; "<v><e><n>" ; /
         "<s><a><m>"
day      "<d><i><m><a><n><c><h><e>" ; /
         "<l><u><n><d><i>" ; /
         "<m><a><r><d><i>" ; /
         "<m><e><r><c><r><e><d><i>" ; /
         "<j><e><u><d><i>" ; /
         "<v><e><n><d><r><e><d><i>" ; /
         "<s><a><m><e><d><i>"
abmon    "<j><a><n><v>" ; "<f><e'><v><SP>" ; /
         "<m><a><r><s>" ; "<a><v><r><SP>" ; /
         "<m><a><i><SP>" ; "<j><u><i><n>" ; /
         "<j><u><i><l>" ; "<a><o><u></><t>" ; /
```

```

    "<s><e><p><t>" ; "<o><c><t><SP>" ; /
    "<n><o><v><SP>" ; "<d><e'><c><SP>"
mon   "<j><a><n><v><i><e><r>" ; /
    "<f><e'><v><r><i><e><r>" ; /
    "<m><a><r><s>" ; /
    "<a><v><r><i><l>" ; /
    "<m><a><i>" ; /
    "<j><u><i><n>" ; /
    "<j><u><i><l><l><e><t>" ; /
    "<a><o><u/><t>" ; /
    "<s><e><p><t><e><m><b><r><e>" ; /
    "<o><c><t><o><b><r><e>" ; /
    "<n><o><v><e><m><b><r><e>" ; /
    "<d><e'><c><e><m><b><r><e>"
d_t_fmt
"<%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"
d_fmt   "<%><Y><-><%><m><-><%><d>"
t_fmt   "<%><H><:><%><M><:><%><S>"
am_pm   ";" ""
t_fmt_ampm ""
END LC_TIME

LC_MESSAGES
yesexpr "<<(><o><O><+><y><Y><j><J>< )/>><.><*>"
noexpr  "<<(><n><N><->< )/>><.><*>"
END LC_MESSAGES
```

5.2.8 ga_EU

```
escape_char /
comment_char %
% Irish language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: ga
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday      "<D><o><m><h>" ; "<L><u><a><n>" ; /
           "<M><a'><i><r>" ; "<C><e'><a><d>" ; /
           "<D><e'><a><r>" ; "<A><o><i><n>" ; /
           "<S><a><t><h>"
day        "<D><e'><SP><D><o><m><h><n><a><i><g><h>" ; /
           "<D><e'><SP><L><u><a><i><n>" ; /
           "<D><e'><SP><M><a'><i><r><t>" ; /
           "<D><e'><SP><C><e'><a><d><a><o><i><n>" ; /
           "<D><e'><a><r><d><a><o><i><n>" ; /
           "<D><e'><SP><h><A><o><i><n><e>" ; /
           "<D><e'><SP><S><a><t><h><a><i><r><n>"
abmon      "<E><a><n><SP><SP>" ; "<F><e><a><b><h>" ; /
           "<M><a'><r><SP><SP>" ; "<A><i><b><SP><SP>" ; /
           "<B><e><a><l><SP>" ; "<M><e><i><t><h>" ; /
           "<I><u'><i><l><SP>" ; "<L><u'><n><SP><SP>" ; /
           "<M><F><o'><m><h>" ; "<D><F><o'><m><h>" ; /
```

```
mon          "<S><a><m><h><SP>" ; "<N><o><l><l><SP>"
            "<E><a><n><a'><i><r>" ; /
            "<F><e><a><b><h><r><a>" ; /
            "<M><a'><r><t><a>" ; /
            "<A><i><b><r><e><a'><n>" ; /

            "<M><i'><SP><n><a><SP><B><e><a><l><t><a><i><n><e>" ; /
            "<M><e><i><t><h><e><a><m><h>" ; /
            "<I><u'><i><l>" ; /
            "<L><u'><n><a><s><a>" ; /
            "<M><e><a'><n><SP><F><o'><m><h><a><i><r>" ; /

            "<D><e><i><r><e><a><d><h><SP><F><o'><m><h><a><i><r>" ; /
            "<M><i'><SP><n><a><SP><S><a><m><h><n><a>" ; /
            "<M><i'><SP><n><a><SP><N><o><l><l><a><g>"

d_t_fmt      "<%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"
d_fmt        "<%><Y><-><%><m><-><%><d>"
t_fmt        "<%><H><:><%><M><:><%><S>"
am_pm        ";" " "
t_fmt_ampm   " "
END LC_TIME

LC_MESSAGES
yesexpr      "<<(><t><T><s><S><i><I><l><+><y><Y><j><J><o><O><<)>><.><*>"
noexpr       "<<(><n><N><c><C><0><-><)>><.><*>"
END LC_MESSAGES
```


5.2.9 is_EU

```
comment_char %
escape_char /

% Icelandic language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: is
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Application: specific
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday "<s><u><n>" ; "<m><a'><n>" ; /
      "<th><r><i>" ; "<m><i><d->" ; /
      "<f><i><m>" ; "<f><o:><s>" ; /
      "<l><a><u>"
day   "<s><u><n><n><u><d><a><g><u><r>" ; /
      "<m><a'><n><u><d><a><g><u><r>" ; /
      "<th><r><i><d-><j><u><d><a><g><u><r>" ; /
      "<m><i><d-><v><i><k><u><d><a><g><u><r>" ; /
      "<f><i><m><m><t><u><d><a><g><u><r>" ; /
      "<f><o:><s><t><u><d><a><g><u><r>" ; /
      "<l><a><u><g><a><r><d><a><g><u><r>"
abmon "<j><a><n>" ; "<f><e><b>" ; /
      "<m><a><r>" ; "<a><p><r>" ; /
      "<m><a><i'>" ; "<j><u'><n>" ; /
```

```

    "<j><u'><l>" ; "<a'><g><u'>" ; /
    "<s><e><p>" ; "<o><k><t>" ; /
    "<n><o'><v>" ; "<d><e><s>"
mon   "<j><a><n><u'><a><r>" ; /
    "<f><e><b><r><u'><a><r>" ; /
    "<m><a><r><s>" ; /
    "<a><p><r><i'><l>" ; /
    "<m><a><i'>" ; /
    "<j><u'><n><i'>" ; /
    "<j><u'><l><i'>" ; /
    "<a'><g><u'><s><t>" ; /
    "<s><e><p><t><e><m><b><e><r>" ; /
    "<o><k><t><o'><b><e><r>" ; /
    "<n><o'><v><e><m><b><e><r>" ; /
    "<d><e><s><e><m><b><e><r>"
d_t_fmt
"<%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"
d_fmt   "<%><Y><-><%><m><-><%><d>"
t_fmt   "<%><H><:><%><M><:><%><S>"
am_pm   ";"
t_fmt_ampm ""
END LC_TIME

LC_MESSAGES
yesexpr "<<(><j><J><+><y><Y><o><O>< ) />><.><*>"
noexpr  "<<(><n><N><->< ) />><.><*>"
END LC_MESSAGES
```

5.2.10 it_EU

```
comment_char %
escape_char /
%
% Italian language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: it
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday    "<d><o><m>" ; "<l><u><n>" ; /
         "<m><a><r>" ; "<m><e><r>" ; /
         "<g><i><o>" ; "<v><e><n>" ; /
         "<s><a><b>"
day      "<d><o><m><e><n><i><c><a>" ; /
         "<l><u><n><e><d><i!>" ; /
         "<m><a><r><t><e><d><i!>" ; /
         "<m><e><r><c><o><l><e><d><i!>" ; /
         "<g><i><o><v><e><d><i!>" ; /
         "<v><e><n><e><r><d><i!>" ; /
         "<s><a><b><a><t><o>"
abmon    "<g><e><n>" ; "<f><e><b>" ; /
         "<m><a><r>" ; "<a><p><r>" ; /
         "<m><a><g>" ; "<g><i><u>" ; /
         "<l><u><g>" ; "<a><g><o>" ; /
```

```
mon      "<s><e><t>" ; "<o><t><t>" ;/  
        "<n><o><v>" ; "<d><i><c>"  
        "<g><e><n><n><a><i><o>" ;/  
        "<f><e><b><b><r><a><i><o>" ;/  
        "<m><a><r><z><o>" ;/  
        "<a><p><r><i><l><e>" ;/  
        "<m><a><g><g><i><o>" ;/  
        "<g><i><u><g><n><o>" ;/  
        "<l><u><g><l><i><o>" ;/  
        "<a><g><o><s><t><o>" ;/  
        "<s><e><t><t><e><m><b><r><e>" ;/  
        "<o><t><t><o><b><r><e>" ;/  
        "<n><o><v><e><m><b><r><e>" ;/  
        "<d><i><c><e><m><b><r><e>"  
d_t_fmt  "<%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"  
d_fmt    "<%><Y><-><%><m><-><%><d>"  
t_fmt    "<%><H><:><%><M><:><%><S>"  
am_pm    ";" "  
t_fmt_ampm ""  
END LC_TIME  
  
LC_MESSAGES  
yesexpr "<<(><s><S><+><j><J><y><Y><o><O><)/>><.><*>"  
noexpr  "<<(><n><N><-><)/>><.><*>"  
END LC_MESSAGES
```

5.2.11 nl_EU

```
comment_char %
escape_char /
%
% Dutch language locale for the Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: nl
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday    "<z><o>" ; "<m><a>" ; "<d><i>" ; /
         "<w><o>" ; "<d><o>" ; "<v><r>" ; /
         "<z><a>"
day      "<z><o><n><d><a><g>" ; /
         "<m><a><a><n><d><a><g>" ; /
         "<d><i><n><s><d><a><g>" ; /
         "<w><o><e><n><s><d><a><g>" ; /
         "<d><o><n><d><e><r><d><a><g>" ; /
         "<v><r><i><j><d><a><g>" ; /
         "<z><a><t><e><r><d><a><g>"
abmon    "<j><a><n>" ; "<f><e><b>" ; /
         "<m><r><t>" ; "<a><p><r>" ; /
         "<m><e><i>" ; "<j><u><n>" ; /
         "<j><u><l>" ; "<a><u><g>" ; /
         "<s><e><p>" ; "<o><k><t>" ; /
```

```
mon      "<n><o><v>" ; "<d><e><c>"
        "<j><a><n><u><a><r><i>" ; /
        "<f><e><b><r><u><a><r><i>" ; /
        "<m><a><a><r><t>" ; /
        "<a><p><r><i><l>" ; /
        "<m><e><i>" ; /
        "<j><u><n><i>" ; /
        "<j><u><l><i>" ; /
        "<a><u><g><u><s><t><u><s>" ; /
        "<s><e><p><t><e><m><b><e><r>" ; /
        "<o><k><t><o><b><e><r>" ; /
        "<n><o><v><e><m><b><e><r>" ; /
        "<d><e><c><e><m><b><e><r>"

d_t_fmt
"<%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"
d_fmt   "<%><Y><-><%><m><-><%><d>"
t_fmt   "<%><H><:><%><M><:><%><S>"
am_pm   ";" ""
t_fmt_ampm ""
END LC_TIME

LC_MESSAGES
yesexpr "<<(><j><J><+><y><Y><o><O>< ) />><.><*>"
noexpr  "<<(><n><N><->< ) />><.><*>"
END LC_MESSAGES
```

5.2.12 no_EU

escape_char /
comment_char %

```
% Norwegian language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: no
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Application: specific
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday      "<s><o//><n>" ; "<m><a><n>" ; /
           "<t><i><r>" ; "<o><n><s>" ; /
           "<t><o><r>" ; "<f><r><e>" ; /
           "<l><o//><r>"
day        "<s><o//><n><d><a><g>" ; /
           "<m><a><n><d><a><g>" ; /
           "<t><i><r><s><d><a><g>" ; /
           "<o><n><s><d><a><g>" ; /
           "<t><o><r><s><d><a><g>" ; /
           "<f><r><e><d><a><g>" ; /
           "<l><o//><r><d><a><g>"
abmon      "<j><a><n>" ; "<f><e><b>" ; /
           "<m><a><r>" ; "<a><p><r>" ; /
           "<m><a><i>" ; "<j><u><n>" ; /
```

```

" <j><u><l>" ; " <a><u><g>" ; /
" <s><e><p>" ; " <o><k><t>" ; /
" <n><o><v>" ; " <d><e><s>"
mon " <j><a><n><u><a><r>" ; /
" <f><e><b><r><u><a><r>" ; /
" <m><a><r><s>" ; /
" <a><p><r><i><l>" ; /
" <m><a><i>" ; /
" <j><u><n><i>" ; /
" <j><u><l><i>" ; /
" <a><u><g><u><s><t>" ; /
" <s><e><p><t><e><m><b><e><r>" ; /
" <o><k><t><o><b><e><r>" ; /
" <n><o><v><e><m><b><e><r>" ; /
" <d><e><s><e><m><b><e><r>"
% usual date representation
d_t_fmt
" <%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"
d_fmt " <%><Y><-><%><m><-><%><d>"
t_fmt " <%><H><:><%><M><:><%><S>"
am_pm " ; "
t_fmt_ampm " "
END LC_TIME

LC_MESSAGES
yesexpr " << (><J><j><+><Y><y><o><O>< ) />>< .><*> "
noexpr " << (><N><n><->< ) />>< .><*> "
END LC_MESSAGES
```


5.2.13 pt_EU

```
comment_char %
escape_char /
%
% Portuguese language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: pt
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday    "<d><o><m>" ; "<s><e><g>" ; /
         "<t><e><r>" ; "<q><u><a>" ; /
         "<q><u><i>" ; "<s><e><x>" ; /
         "<s><a'><b>"
day      "<d><o><m><i><n><g><o>" ; /
         "<s><e><g><u><n><d><a>" ; /
         "<t><e><r><c,><a>" ; /
         "<q><u><a><r><t><a>" ; /
         "<q><u><i><n><t><a>" ; /
         "<s><e><x><t><a>" ; /
         "<s><a'><b><a><d><o>"
abmon    "<j><a><n>" ; "<f><e><v>" ; /
         "<m><a><r>" ; "<a><b><r>" ; /
         "<m><a><i>" ; "<j><u><n>" ; /
         "<j><u><l>" ; "<a><g><o>" ; /
```

```
mon      "<s><e><t>" ; "<o><u><t>" ; /
         "<n><o><v>" ; "<d><e><z>"
         "<j><a><n><e><i><r><o>" ; /
         "<f><e><v><e><r><e><i><r><o>" ; /
         "<m><a><r><c ,><o>" ; /
         "<a><b><r><i><l>" ; /
         "<m><a><i><o>" ; /
         "<j><u><n><h><o>" ; /
         "<j><u><l><h><o>" ; /
         "<a><g><o><s><t><o>" ; /
         "<s><e><t><e><m><b><r><o>" ; /
         "<o><u><t><u><b><r><o>" ; /
         "<n><o><v><e><m><b><r><o>" ; /
         "<d><e><z><e><m><b><r><o>"
d_t_fmt  "<%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"
d_fmt    "<%><Y><-><%><m><-><%><d>"
t_fmt    "<%><H><:><%><M><:><%><S>"
am_pm    ";"
t_fmt_ampm ""
END LC_TIME

LC_MESSAGES
yesexpr  "<<(><S><s><+><y><Y><o><O><j><J><)/>><.><*>"
noexpr   "<<(><n><N><-><)/>><.><*>"
END LC_MESSAGES
```

5.2.14 sv_EU

escape_char /
comment_char %

```
% Swedish language locale for Europe
% Source: CEN/ISSS Eurolocale workshop
% Address: rue de Stassart, 36
%           B-1050 Brussels
% Contact: Keld Simonsen
% Email: Keld.Simonsen@dkuug.dk
% Tel: +45 - 33226543
% Fax: +45 - 33256543
% Language: sv
% Territory: EU
% Revision: 5.1
% Date: 2000-01-04
% Application: specific
% Users: specific
% Repertoiremap: mes-2,eulc
% Charset: ISO-8859-1
% Distribution and use is free, also
% for commercial purposes.
```

```
LC_COLLATE
copy "_EU"
END LC_COLLATE
```

```
LC_CTYPE
copy "_EU"
END LC_CTYPE
```

```
LC_NUMERIC
copy "_EU"
END LC_NUMERIC
```

```
LC_MONETARY
copy "_EU"
END LC_MONETARY
```

```
LC_TIME
abday      "<s><o:><n>" ; "<m><aa><n>" ; /
           "<t><i><s>" ; "<o><n><s>" ; /
           "<t><o><r>" ; "<f><r><e>" ; /
           "<l><o:><r>"
day        "<s><o:><n><d><a><g>" ; /
           "<m><aa><n><d><a><g>" ; /
           "<t><i><s><d><a><g>" ; /
           "<o><n><s><d><a><g>" ; /
           "<t><o><r><s><d><a><g>" ; /
           "<f><r><e><d><a><g>" ; /
           "<l><o:><r><d><a><g>"
abmon     "<j><a><n>" ; "<f><e><b>" ; /
           "<m><a><r>" ; "<a><p><r>" ; /
           "<m><a><j>" ; "<j><u><n>" ; /
```

```

" <j><u><l>" ; " <a><u><g>" ; /
" <s><e><p>" ; " <o><k><t>" ; /
" <n><o><v>" ; " <d><e><c>"
mon " <j><a><n><u><a><r><i>" ; /
" <f><e><b><r><u><a><r><i>" ; /
" <m><a><r><s>" ; /
" <a><p><r><i><l>" ; /
" <m><a><j>" ; /
" <j><u><n><i>" ; /
" <j><u><l><i>" ; /
" <a><u><g><u><s><t><i>" ; /
" <s><e><p><t><e><m><b><e><r>" ; /
" <o><k><t><o><b><e><r>" ; /
" <n><o><v><e><m><b><e><r>" ; /
" <d><e><c><e><m><b><e><r>"
d_t_fmt
" <%><Y><-><%><m><-><%><d><SP><%><H><:><%><M><:><%><S>"
d_fmt " <%><Y><-><%><m><-><%><d>"
t_fmt " <%><H><:><%><M><:><%><S>"
am_pm " ; "
t_fmt_ampm " "
END LC_TIME

LC_MESSAGES
yesexpr " << (<j><J><+><y><Y><o><O>< ) />>< .>< *> "
noexpr " << (<n><N><->< ) />>< .>< *> "
END LC_MESSAGES
```

6. MES-2,eulc repertoiremap

| | | |
|------------------------|---------|---------------------------------|
| escape_char / | | |
| <NUL> | <U0000> | NULL (NUL) |
| <SOH> | <U0001> | START OF HEADING (SOH) |
| <STX> | <U0002> | START OF TEXT (STX) |
| <ETX> | <U0003> | END OF TEXT (ETX) |
| <EOT> | <U0004> | END OF TRANSMISSION (EOT) |
| <ENQ> | <U0005> | ENQUIRY (ENQ) |
| <ACK> | <U0006> | ACKNOWLEDGE (ACK) |
| <alert> | <U0007> | BELL (BEL) |
| <BEL> | <U0007> | BELL (BEL) |
| <backspace> | <U0008> | BACKSPACE (BS) |
| <tab> | <U0009> | CHARACTER TABULATION (HT) |
| <newline> | <U000A> | LINE FEED (LF) |
| <vertical-tab> | <U000B> | LINE TABULATION (VT) |
| <form-feed> | <U000C> | FORM FEED (FF) |
| <carriage-return> | <U000D> | CARRIAGE RETURN (CR) |
| <DLE> | <U0010> | DATALINK ESCAPE (DLE) |
| <DC1> | <U0011> | DEVICE CONTROL ONE (DC1) |
| <DC2> | <U0012> | DEVICE CONTROL TWO (DC2) |
| <DC3> | <U0013> | DEVICE CONTROL THREE (DC3) |
| <DC4> | <U0014> | DEVICE CONTROL FOUR (DC4) |
| <NAK> | <U0015> | NEGATIVE ACKNOWLEDGE (NAK) |
| <SYN> | <U0016> | SYNCHRONOUS IDLE (SYN) |
| <ETB> | <U0017> | END OF TRANSMISSION BLOCK (ETB) |
| <CAN> | <U0018> | CANCEL (CAN) |
| <SUB> | <U001A> | SUBSTITUTE (SUB) |
| <ESC> | <U001B> | ESCAPE (ESC) |
| <IS4> | <U001C> | FILE SEPARATOR (IS4) |
| <IS3> | <U001D> | GROUP SEPARATOR (IS3) |
| <intro> | <U001D> | GROUP SEPARATOR (IS3) |
| <IS2> | <U001E> | RECORD SEPARATOR (IS2) |
| <IS1> | <U001F> | UNIT SEPARATOR (IS1) |
| | <U007F> | DELETE (DEL) |
| <space> | <U0020> | SPACE |
| <exclamation-mark> | <U0021> | EXCLAMATION MARK |
| <quotation-mark> | <U0022> | QUOTATION MARK |
| <number-sign> | <U0023> | NUMBER SIGN |
| <dollar-sign> | <U0024> | DOLLAR SIGN |
| <percent-sign> | <U0025> | PERCENT SIGN |
| <ampersand> | <U0026> | AMPERSAND |
| <apostrophe> | <U0027> | APOSTROPHE |
| <left-parenthesis> | <U0028> | LEFT PARENTHESIS |
| <right-parenthesis> | <U0029> | RIGHT PARENTHESIS |
| <asterisk> | <U002A> | ASTERISK |
| <plus-sign> | <U002B> | PLUS SIGN |
| <comma> | <U002C> | COMMA |
| <hyphen> | <U002D> | HYPHEN-MINUS |
| <hyphen-minus> | <U002D> | HYPHEN-MINUS |
| <period> | <U002E> | FULL STOP |
| <full-stop> | <U002E> | FULL STOP |
| <slash> | <U002F> | SOLIDUS |
| <solidus> | <U002F> | SOLIDUS |
| <zero> | <U0030> | DIGIT ZERO |
| <one> | <U0031> | DIGIT ONE |
| <two> | <U0032> | DIGIT TWO |
| <three> | <U0033> | DIGIT THREE |
| <four> | <U0034> | DIGIT FOUR |
| <five> | <U0035> | DIGIT FIVE |
| <six> | <U0036> | DIGIT SIX |
| <seven> | <U0037> | DIGIT SEVEN |
| <eight> | <U0038> | DIGIT EIGHT |
| <nine> | <U0039> | DIGIT NINE |
| <colon> | <U003A> | COLON |
| <semicolon> | <U003B> | SEMICOLON |
| <less-than-sign> | <U003C> | LESS-THAN SIGN |
| <equals-sign> | <U003D> | EQUALS SIGN |
| <greater-than-sign> | <U003E> | GREATER-THAN SIGN |
| <question-mark> | <U003F> | QUESTION MARK |
| <commercial-at> | <U0040> | COMMERCIAL AT |
| <left-square-bracket> | <U005B> | LEFT SQUARE BRACKET |
| <backslash> | <U005C> | REVERSE SOLIDUS |
| <reverse-solidus> | <U005C> | REVERSE SOLIDUS |
| <right-square-bracket> | <U005D> | RIGHT SQUARE BRACKET |
| <circumflex> | <U005E> | CIRCUMFLEX ACCENT |
| <circumflex-accent> | <U005E> | CIRCUMFLEX ACCENT |
| <underscore> | <U005F> | LOW LINE |
| <low-line> | <U005F> | LOW LINE |
| <grave-accent> | <U0060> | GRAVE ACCENT |
| <left-brace> | <U007B> | LEFT CURLY BRACKET |
| <left-curly-bracket> | <U007B> | LEFT CURLY BRACKET |
| <vertical-line> | <U007C> | VERTICAL LINE |
| <right-brace> | <U007D> | RIGHT CURLY BRACKET |
| <right-curly-bracket> | <U007D> | RIGHT CURLY BRACKET |
| <tilde> | <U007E> | TILDE |
| <NU> | <U0000> | NULL (NUL) |
| <SH> | <U0001> | START OF HEADING (SOH) |
| <SX> | <U0002> | START OF TEXT (STX) |
| <EX> | <U0003> | END OF TEXT (ETX) |
| <ET> | <U0004> | END OF TRANSMISSION (EOT) |
| <EQ> | <U0005> | ENQUIRY (ENQ) |
| <AK> | <U0006> | ACKNOWLEDGE (ACK) |
| <BL> | <U0007> | BELL (BEL) |
| <BS> | <U0008> | BACKSPACE (BS) |
| <HT> | <U0009> | CHARACTER TABULATION (HT) |
| <LF> | <U000A> | LINE FEED (LF) |
| <VT> | <U000B> | LINE TABULATION (VT) |
| <FF> | <U000C> | FORM FEED (FF) |
| <CR> | <U000D> | CARRIAGE RETURN (CR) |
| <SO> | <U000E> | SHIFT OUT (SO) |
| <SI> | <U000F> | SHIFT IN (SI) |
| <DL> | <U0010> | DATALINK ESCAPE (DLE) |
| <D1> | <U0011> | DEVICE CONTROL ONE (DC1) |
| <D2> | <U0012> | DEVICE CONTROL TWO (DC2) |
| <D3> | <U0013> | DEVICE CONTROL THREE (DC3) |
| <D4> | <U0014> | DEVICE CONTROL FOUR (DC4) |
| <NK> | <U0015> | NEGATIVE ACKNOWLEDGE (NAK) |

| | | |
|------|---------|---------------------------------|
| <SY> | <U0016> | SYNCHRONOUS IDLE (SYN) |
| <EB> | <U0017> | END OF TRANSMISSION BLOCK (ETB) |
| <CN> | <U0018> | CANCEL (CAN) |
| | <U0019> | END OF MEDIUM (EM) |
| <SB> | <U001A> | SUBSTITUTE (SUB) |
| <EC> | <U001B> | ESCAPE (ESC) |
| <FS> | <U001C> | FILE SEPARATOR (IS4) |
| <GS> | <U001D> | GROUP SEPARATOR (IS3) |
| <RS> | <U001E> | RECORD SEPARATOR (IS2) |
| <US> | <U001F> | UNIT SEPARATOR (IS1) |
| <SP> | <U0020> | SPACE |
| <!> | <U0021> | EXCLAMATION MARK |
| <*> | <U0022> | QUOTATION MARK |
| <#> | <U0023> | NUMBER SIGN |
| <\$> | <U0024> | DOLLAR SIGN |
| <%> | <U0025> | PERCENT SIGN |
| <.> | <U0026> | AMPERSAND |
| <'> | <U0027> | APOSTROPHE |
| <(> | <U0028> | LEFT PARENTHESIS |
| <)> | <U0029> | RIGHT PARENTHESIS |
| <*> | <U002A> | ASTERISK |
| <+> | <U002B> | PLUS SIGN |
| <,> | <U002C> | COMMA |
| <-> | <U002D> | HYPHEN-MINUS |
| <.> | <U002E> | FULL STOP |
| </> | <U002F> | SOLIDUS |
| <0> | <U0030> | DIGIT ZERO |
| <1> | <U0031> | DIGIT ONE |
| <2> | <U0032> | DIGIT TWO |
| <3> | <U0033> | DIGIT THREE |
| <4> | <U0034> | DIGIT FOUR |
| <5> | <U0035> | DIGIT FIVE |
| <6> | <U0036> | DIGIT SIX |
| <7> | <U0037> | DIGIT SEVEN |
| <8> | <U0038> | DIGIT EIGHT |
| <9> | <U0039> | DIGIT NINE |
| <:> | <U003A> | COLON |
| <:> | <U003B> | SEMICOLON |
| <<> | <U003C> | LESS-THAN SIGN |
| <=> | <U003D> | EQUALS SIGN |
| </> | <U003E> | GREATER-THAN SIGN |
| <?> | <U003F> | QUESTION MARK |
| <@> | <U0040> | COMMERCIAL AT |
| <A> | <U0041> | LATIN CAPITAL LETTER A |
| | <U0042> | LATIN CAPITAL LETTER B |
| <C> | <U0043> | LATIN CAPITAL LETTER C |
| <D> | <U0044> | LATIN CAPITAL LETTER D |
| <E> | <U0045> | LATIN CAPITAL LETTER E |
| <F> | <U0046> | LATIN CAPITAL LETTER F |
| <G> | <U0047> | LATIN CAPITAL LETTER G |
| <H> | <U0048> | LATIN CAPITAL LETTER H |
| <I> | <U0049> | LATIN CAPITAL LETTER I |
| <J> | <U004A> | LATIN CAPITAL LETTER J |
| <K> | <U004B> | LATIN CAPITAL LETTER K |
| <L> | <U004C> | LATIN CAPITAL LETTER L |
| <M> | <U004D> | LATIN CAPITAL LETTER M |
| <N> | <U004E> | LATIN CAPITAL LETTER N |
| <O> | <U004F> | LATIN CAPITAL LETTER O |
| <P> | <U0050> | LATIN CAPITAL LETTER P |
| <Q> | <U0051> | LATIN CAPITAL LETTER Q |
| <R> | <U0052> | LATIN CAPITAL LETTER R |
| <S> | <U0053> | LATIN CAPITAL LETTER S |
| <T> | <U0054> | LATIN CAPITAL LETTER T |
| <U> | <U0055> | LATIN CAPITAL LETTER U |
| <V> | <U0056> | LATIN CAPITAL LETTER V |
| <W> | <U0057> | LATIN CAPITAL LETTER W |
| <X> | <U0058> | LATIN CAPITAL LETTER X |
| <Y> | <U0059> | LATIN CAPITAL LETTER Y |
| <Z> | <U005A> | LATIN CAPITAL LETTER Z |
| <<(> | <U005B> | LEFT SQUARE BRACKET |
| </> | <U005C> | REVERSE SOLIDUS |
| </> | <U005D> | RIGHT SQUARE BRACKET |
| </> | <U005E> | CIRCUMFLEX ACCENT |
| <_> | <U005F> | LOW LINE |
| <'> | <U0060> | GRAVE ACCENT |
| <a> | <U0061> | LATIN SMALL LETTER A |
| | <U0062> | LATIN SMALL LETTER B |
| <c> | <U0063> | LATIN SMALL LETTER C |
| <d> | <U0064> | LATIN SMALL LETTER D |
| <e> | <U0065> | LATIN SMALL LETTER E |
| <f> | <U0066> | LATIN SMALL LETTER F |
| <g> | <U0067> | LATIN SMALL LETTER G |
| <h> | <U0068> | LATIN SMALL LETTER H |
| <i> | <U0069> | LATIN SMALL LETTER I |
| <j> | <U006A> | LATIN SMALL LETTER J |
| <k> | <U006B> | LATIN SMALL LETTER K |
| <l> | <U006C> | LATIN SMALL LETTER L |
| <m> | <U006D> | LATIN SMALL LETTER M |
| <n> | <U006E> | LATIN SMALL LETTER N |
| <o> | <U006F> | LATIN SMALL LETTER O |
| <p> | <U0070> | LATIN SMALL LETTER P |
| <q> | <U0071> | LATIN SMALL LETTER Q |
| <r> | <U0072> | LATIN SMALL LETTER R |
| <s> | <U0073> | LATIN SMALL LETTER S |
| <t> | <U0074> | LATIN SMALL LETTER T |
| <u> | <U0075> | LATIN SMALL LETTER U |
| <v> | <U0076> | LATIN SMALL LETTER V |
| <w> | <U0077> | LATIN SMALL LETTER W |
| <x> | <U0078> | LATIN SMALL LETTER X |
| <y> | <U0079> | LATIN SMALL LETTER Y |
| <z> | <U007A> | LATIN SMALL LETTER Z |
| < > | <U007B> | LEFT CURLY BRACKET |
| < > | <U007C> | VERTICAL LINE |
| < > | <U007D> | RIGHT CURLY BRACKET |
| <'> | <U007E> | TILDE |
| <DT> | <U007F> | DELETE (DEL) |
| <PA> | <U0080> | (UNDEFINED 1) |
| <HO> | <U0081> | (UNDEFINED 2) |
| <BH> | <U0082> | BREAK PERMITTED HERE (BPH) |
| <NH> | <U0083> | NO BREAK HERE (NBH) |

| | | |
|--------|---------|---|
| <IN> | <U0084> | (UNDEFINED 3) |
| <NL> | <U0085> | NEXT LINE (NEL) |
| <SA> | <U0086> | START OF SELECTED AREA (SSA) |
| <ES> | <U0087> | END OF SELECTED AREA (ESA) |
| <HS> | <U0088> | CHARACTER TABULATION SET (HTS) |
| <HJ> | <U0089> | CHARACTER TABULATION WITH JUSTIFICATION (HTJ) |
| <VS> | <U008A> | LINE TABULATION SET (VTS) |
| <PD> | <U008B> | PARTIAL LINE FORWARD (PLD) |
| <PU> | <U008C> | PARTIAL LINE BACKWARD (PLU) |
| <RI> | <U008D> | REVERSE LINE FEED (RI) |
| <S2> | <U008E> | SINGLE-SHIFT TWO (SS2) |
| <S3> | <U008F> | SINGLE-SHIFT THREE (SS3) |
| <DC> | <U0090> | DEVICE CONTROL STRING (DCS) |
| <P1> | <U0091> | PRIVATE USE ONE (PU1) |
| <P2> | <U0092> | PRIVATE USE TWO (PU2) |
| <TS> | <U0093> | SET TRANSMIT STATE (STS) |
| <CC> | <U0094> | CANCEL CHARACTER (CCH) |
| <MW> | <U0095> | MESSAGE WAITING (MW) |
| <SG> | <U0096> | START OF GUARDED AREA (SPA) |
| <EG> | <U0097> | END OF GUARDED AREA (EPA) |
| <SS> | <U0098> | START OF STRING (SOS) |
| <GC> | <U0099> | (UNDEFINED 4) |
| <SC> | <U009A> | SINGLE CHARACTER INTRODUCER (SCI) |
| <CI> | <U009B> | CONTROL SEQUENCE INTRODUCER (CSI) |
| <ST> | <U009C> | STRING TERMINATOR (ST) |
| <OC> | <U009D> | OPERATING SYSTEM COMMAND (OSC) |
| <PM> | <U009E> | PRIVACY MESSAGE (PM) |
| <AC> | <U009F> | APPLICATION PROGRAM COMMAND (APC) |
| <NS> | <U00A0> | NO-BREAK SPACE |
| <!I> | <U00A1> | INVERTED EXCLAMATION MARK |
| <Ct> | <U00A2> | CENT SIGN |
| <Pd> | <U00A3> | POUND SIGN |
| <Cu> | <U00A4> | CURRENCY SIGN |
| <Ye> | <U00A5> | YEN SIGN |
| <BB> | <U00A6> | BROKEN BAR |
| <SE> | <U00A7> | SECTION SIGN |
| <' :> | <U00A8> | DIAERESIS |
| <Co> | <U00A9> | COPYRIGHT SIGN |
| <- a> | <U00AA> | FEMININE ORDINAL INDICATOR |
| <<<> | <U00AB> | LEFT-POINTING DOUBLE ANGLE QUOTATION MARK |
| <NO> | <U00AC> | NOT SIGN |
| <- -> | <U00AD> | SOFT HYPHEN |
| <Rg> | <U00AE> | REGISTERED SIGN |
| <' m> | <U00AF> | MACRON |
| <DG> | <U00B0> | DEGREE SIGN |
| <+ -> | <U00B1> | PLUS-MINUS SIGN |
| <2S> | <U00B2> | SUPERSCRIP TWO |
| <3S> | <U00B3> | SUPERSCRIP THREE |
| <' ' > | <U00B4> | ACUTE ACCENT |
| <My> | <U00B5> | MICRO SIGN |
| <PT> | <U00B6> | PILCROW SIGN |
| <. M> | <U00B7> | MIDDLE DOT |
| < ,> | <U00B8> | CEDILLA |
| <1S> | <U00B9> | SUPERSCRIP ONE |
| < o> | <U00BA> | MASCULINE ORDINAL INDICATOR |
| </ />> | <U00BB> | RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK |
| <14> | <U00BC> | VULGAR FRACTION ONE QUARTER |
| <12> | <U00BD> | VULGAR FRACTION ONE HALF |
| <34> | <U00BE> | VULGAR FRACTION THREE QUARTERS |
| <?I> | <U00BF> | INVERTED QUESTION MARK |
| <A!> | <U00C0> | LATIN CAPITAL LETTER A WITH GRAVE |
| <A'> | <U00C1> | LATIN CAPITAL LETTER A WITH ACUTE |
| <A/>> | <U00C2> | LATIN CAPITAL LETTER A WITH CIRCUMFLEX |
| <A?> | <U00C3> | LATIN CAPITAL LETTER A WITH TILDE |
| <A: > | <U00C4> | LATIN CAPITAL LETTER A WITH DIAERESIS |
| <AA> | <U00C5> | LATIN CAPITAL LETTER A WITH RING ABOVE |
| <AE> | <U00C6> | LATIN CAPITAL LETTER AE (ash) |
| <C, > | <U00C7> | LATIN CAPITAL LETTER C WITH CEDILLA |
| <E!> | <U00C8> | LATIN CAPITAL LETTER E WITH GRAVE |
| <E'> | <U00C9> | LATIN CAPITAL LETTER E WITH ACUTE |
| <E/>> | <U00CA> | LATIN CAPITAL LETTER E WITH CIRCUMFLEX |
| <E: > | <U00CB> | LATIN CAPITAL LETTER E WITH DIAERESIS |
| <I!> | <U00CC> | LATIN CAPITAL LETTER I WITH GRAVE |
| <I'> | <U00CD> | LATIN CAPITAL LETTER I WITH ACUTE |
| <I/>> | <U00CE> | LATIN CAPITAL LETTER I WITH CIRCUMFLEX |
| <I: > | <U00CF> | LATIN CAPITAL LETTER I WITH DIAERESIS |
| <D-> | <U00D0> | LATIN CAPITAL LETTER ETH (Icelandic) |
| <N?> | <U00D1> | LATIN CAPITAL LETTER N WITH TILDE |
| <O!> | <U00D2> | LATIN CAPITAL LETTER O WITH GRAVE |
| <O'> | <U00D3> | LATIN CAPITAL LETTER O WITH ACUTE |
| <O/>> | <U00D4> | LATIN CAPITAL LETTER O WITH CIRCUMFLEX |
| <O?> | <U00D5> | LATIN CAPITAL LETTER O WITH TILDE |
| <O: > | <U00D6> | LATIN CAPITAL LETTER O WITH DIAERESIS |
| <*X> | <U00D7> | MULTIPLICATION SIGN |
| <O//> | <U00D8> | LATIN CAPITAL LETTER O WITH STROKE |
| <U!> | <U00D9> | LATIN CAPITAL LETTER U WITH GRAVE |
| <U'> | <U00DA> | LATIN CAPITAL LETTER U WITH ACUTE |
| <U/>> | <U00DB> | LATIN CAPITAL LETTER U WITH CIRCUMFLEX |
| <U: > | <U00DC> | LATIN CAPITAL LETTER U WITH DIAERESIS |
| <Y'> | <U00DD> | LATIN CAPITAL LETTER Y WITH ACUTE |
| <TH> | <U00DE> | LATIN CAPITAL LETTER THORN (Icelandic) |
| <ss> | <U00DF> | LATIN SMALL LETTER SHARP S (German) |
| <a!> | <U00E0> | LATIN SMALL LETTER A WITH GRAVE |
| <a'> | <U00E1> | LATIN SMALL LETTER A WITH ACUTE |
| <a/>> | <U00E2> | LATIN SMALL LETTER A WITH CIRCUMFLEX |
| <a?> | <U00E3> | LATIN SMALL LETTER A WITH TILDE |
| <a: > | <U00E4> | LATIN SMALL LETTER A WITH DIAERESIS |
| <aa> | <U00E5> | LATIN SMALL LETTER A WITH RING ABOVE |
| <ae> | <U00E6> | LATIN SMALL LETTER AE (ash) |
| <c, > | <U00E7> | LATIN SMALL LETTER C WITH CEDILLA |
| <e!> | <U00E8> | LATIN SMALL LETTER E WITH GRAVE |
| <e'> | <U00E9> | LATIN SMALL LETTER E WITH ACUTE |
| <e/>> | <U00EA> | LATIN SMALL LETTER E WITH CIRCUMFLEX |
| <e: > | <U00EB> | LATIN SMALL LETTER E WITH DIAERESIS |
| <i!> | <U00EC> | LATIN SMALL LETTER I WITH GRAVE |
| <i'> | <U00ED> | LATIN SMALL LETTER I WITH ACUTE |
| <i/>> | <U00EE> | LATIN SMALL LETTER I WITH CIRCUMFLEX |
| <i: > | <U00EF> | LATIN SMALL LETTER I WITH DIAERESIS |
| <d-> | <U00F0> | LATIN SMALL LETTER ETH (Icelandic) |
| <n?> | <U00F1> | LATIN SMALL LETTER N WITH TILDE |

| | | |
|--------|---------|---|
| <o!> | <U00F2> | LATIN SMALL LETTER O WITH GRAVE |
| <o'> | <U00F3> | LATIN SMALL LETTER O WITH ACUTE |
| <o/>> | <U00F4> | LATIN SMALL LETTER O WITH CIRCUMFLEX |
| <o?> | <U00F5> | LATIN SMALL LETTER O WITH TILDE |
| <o:~> | <U00F6> | LATIN SMALL LETTER O WITH DIAERESIS |
| <-:~> | <U00F7> | DIVISION SIGN |
| <o//> | <U00F8> | LATIN SMALL LETTER O WITH STROKE |
| <u!> | <U00F9> | LATIN SMALL LETTER U WITH GRAVE |
| <u'> | <U00FA> | LATIN SMALL LETTER U WITH ACUTE |
| <u/>> | <U00FB> | LATIN SMALL LETTER U WITH CIRCUMFLEX |
| <u:~> | <U00FC> | LATIN SMALL LETTER U WITH DIAERESIS |
| <y'> | <U00FD> | LATIN SMALL LETTER Y WITH ACUTE |
| <th> | <U00FE> | LATIN SMALL LETTER THORN (Icelandic) |
| <yf:~> | <U00FF> | LATIN SMALL LETTER Y WITH DIAERESIS |
| <A-~> | <U0100> | LATIN CAPITAL LETTER A WITH MACRON |
| <a-~> | <U0101> | LATIN SMALL LETTER A WITH MACRON |
| <A!> | <U0102> | LATIN CAPITAL LETTER A WITH BREVE |
| <a!> | <U0103> | LATIN SMALL LETTER A WITH BREVE |
| <A;~> | <U0104> | LATIN CAPITAL LETTER A WITH OGONEK |
| <a;~> | <U0105> | LATIN SMALL LETTER A WITH OGONEK |
| <C'> | <U0106> | LATIN CAPITAL LETTER C WITH ACUTE |
| <c'> | <U0107> | LATIN SMALL LETTER C WITH ACUTE |
| <C/>> | <U0108> | LATIN CAPITAL LETTER C WITH CIRCUMFLEX |
| <c/>> | <U0109> | LATIN SMALL LETTER C WITH CIRCUMFLEX |
| <C.> | <U010A> | LATIN CAPITAL LETTER C WITH DOT ABOVE |
| <c.> | <U010B> | LATIN SMALL LETTER C WITH DOT ABOVE |
| <C<> | <U010C> | LATIN CAPITAL LETTER C WITH CARON |
| <c<> | <U010D> | LATIN SMALL LETTER C WITH CARON |
| <D<> | <U010E> | LATIN CAPITAL LETTER D WITH CARON |
| <d<> | <U010F> | LATIN SMALL LETTER D WITH CARON |
| <D//> | <U0110> | LATIN CAPITAL LETTER D WITH STROKE |
| <d//> | <U0111> | LATIN SMALL LETTER D WITH STROKE |
| <E-~> | <U0112> | LATIN CAPITAL LETTER E WITH MACRON |
| <E!> | <U0113> | LATIN SMALL LETTER E WITH MACRON |
| <E!> | <U0114> | LATIN CAPITAL LETTER E WITH BREVE |
| <E!> | <U0115> | LATIN SMALL LETTER E WITH BREVE |
| <E.> | <U0116> | LATIN CAPITAL LETTER E WITH DOT ABOVE |
| <E.> | <U0117> | LATIN SMALL LETTER E WITH DOT ABOVE |
| <E;~> | <U0118> | LATIN CAPITAL LETTER E WITH OGONEK |
| <E;~> | <U0119> | LATIN SMALL LETTER E WITH OGONEK |
| <E<> | <U011A> | LATIN CAPITAL LETTER E WITH CARON |
| <E<> | <U011B> | LATIN SMALL LETTER E WITH CARON |
| <G/>> | <U011C> | LATIN CAPITAL LETTER G WITH CIRCUMFLEX |
| <g/>> | <U011D> | LATIN SMALL LETTER G WITH CIRCUMFLEX |
| <G.> | <U011E> | LATIN CAPITAL LETTER G WITH BREVE |
| <g.> | <U011F> | LATIN SMALL LETTER G WITH BREVE |
| <G.> | <U0120> | LATIN CAPITAL LETTER G WITH DOT ABOVE |
| <g.> | <U0121> | LATIN SMALL LETTER G WITH DOT ABOVE |
| <G.> | <U0122> | LATIN CAPITAL LETTER G WITH CEDILLA |
| <g.> | <U0123> | LATIN SMALL LETTER G WITH CEDILLA |
| <H/>> | <U0124> | LATIN CAPITAL LETTER H WITH CIRCUMFLEX |
| <h/>> | <U0125> | LATIN SMALL LETTER H WITH CIRCUMFLEX |
| <H//> | <U0126> | LATIN CAPITAL LETTER H WITH STROKE |
| <h//> | <U0127> | LATIN SMALL LETTER H WITH STROKE |
| <I?> | <U0128> | LATIN CAPITAL LETTER I WITH TILDE |
| <I?> | <U0129> | LATIN SMALL LETTER I WITH TILDE |
| <I!> | <U012A> | LATIN CAPITAL LETTER I WITH MACRON |
| <I!> | <U012B> | LATIN SMALL LETTER I WITH MACRON |
| <I.> | <U012C> | LATIN CAPITAL LETTER I WITH BREVE |
| <I.> | <U012D> | LATIN SMALL LETTER I WITH BREVE |
| <I;~> | <U012E> | LATIN CAPITAL LETTER I WITH OGONEK |
| <I;~> | <U012F> | LATIN SMALL LETTER I WITH OGONEK |
| <I.> | <U0130> | LATIN CAPITAL LETTER I WITH DOT ABOVE |
| <I.> | <U0131> | LATIN SMALL LETTER DOTLESS I |
| <I~> | <U0132> | LATIN CAPITAL LIGATURE IJ |
| <I~> | <U0133> | LATIN SMALL LIGATURE IJ |
| <J/>> | <U0134> | LATIN CAPITAL LETTER J WITH CIRCUMFLEX |
| <j/>> | <U0135> | LATIN SMALL LETTER J WITH CIRCUMFLEX |
| <K.> | <U0136> | LATIN CAPITAL LETTER K WITH CEDILLA |
| <k.> | <U0137> | LATIN SMALL LETTER K WITH CEDILLA |
| <kk> | <U0138> | LATIN SMALL LETTER KRA (Greenlandic) |
| <L'> | <U0139> | LATIN CAPITAL LETTER L WITH ACUTE |
| <L'> | <U013A> | LATIN SMALL LETTER L WITH ACUTE |
| <L.> | <U013B> | LATIN CAPITAL LETTER L WITH CEDILLA |
| <L.> | <U013C> | LATIN SMALL LETTER L WITH CEDILLA |
| <L<> | <U013D> | LATIN CAPITAL LETTER L WITH CARON |
| <L<> | <U013E> | LATIN SMALL LETTER L WITH CARON |
| <L.> | <U013F> | LATIN CAPITAL LETTER L WITH MIDDLE DOT |
| <L.> | <U0140> | LATIN SMALL LETTER L WITH MIDDLE DOT |
| <L//> | <U0141> | LATIN CAPITAL LETTER L WITH STROKE |
| <l//> | <U0142> | LATIN SMALL LETTER L WITH STROKE |
| <N'> | <U0143> | LATIN CAPITAL LETTER N WITH ACUTE |
| <n'> | <U0144> | LATIN SMALL LETTER N WITH ACUTE |
| <N.> | <U0145> | LATIN CAPITAL LETTER N WITH CEDILLA |
| <n.> | <U0146> | LATIN SMALL LETTER N WITH CEDILLA |
| <N<> | <U0147> | LATIN CAPITAL LETTER N WITH CARON |
| <n<> | <U0148> | LATIN SMALL LETTER N WITH CARON |
| <n'~> | <U0149> | LATIN SMALL LETTER N PRECEDED BY APOSTROPHE |
| <NG> | <U014A> | LATIN CAPITAL LETTER ENG (Sami) |
| <ng> | <U014B> | LATIN SMALL LETTER ENG (Sami) |
| <O-~> | <U014C> | LATIN CAPITAL LETTER O WITH MACRON |
| <o-~> | <U014D> | LATIN SMALL LETTER O WITH MACRON |
| <O!> | <U014E> | LATIN CAPITAL LETTER O WITH BREVE |
| <o!> | <U014F> | LATIN SMALL LETTER O WITH BREVE |
| <O"~> | <U0150> | LATIN CAPITAL LETTER O WITH DOUBLE ACUTE |
| <o"~> | <U0151> | LATIN SMALL LETTER O WITH DOUBLE ACUTE |
| <OE> | <U0152> | LATIN CAPITAL LIGATURE OE |
| <oe> | <U0153> | LATIN SMALL LIGATURE OE |
| <R'> | <U0154> | LATIN CAPITAL LETTER R WITH ACUTE |
| <r'> | <U0155> | LATIN SMALL LETTER R WITH ACUTE |
| <R.> | <U0156> | LATIN CAPITAL LETTER R WITH CEDILLA |
| <r.> | <U0157> | LATIN SMALL LETTER R WITH CEDILLA |
| <R<> | <U0158> | LATIN CAPITAL LETTER R WITH CARON |
| <r<> | <U0159> | LATIN SMALL LETTER R WITH CARON |
| <S'> | <U015A> | LATIN CAPITAL LETTER S WITH ACUTE |
| <s'> | <U015B> | LATIN SMALL LETTER S WITH ACUTE |
| <S/>> | <U015C> | LATIN CAPITAL LETTER S WITH CIRCUMFLEX |
| <s/>> | <U015D> | LATIN SMALL LETTER S WITH CIRCUMFLEX |
| <S.> | <U015E> | LATIN CAPITAL LETTER S WITH CEDILLA |
| <s.> | <U015F> | LATIN SMALL LETTER S WITH CEDILLA |

| | | |
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| <S> | <U0160> | LATIN CAPITAL LETTER S WITH CARON |
| <s> | <U0161> | LATIN SMALL LETTER S WITH CARON |
| <T,> | <U0162> | LATIN CAPITAL LETTER T WITH CEDILLA |
| <t,> | <U0163> | LATIN SMALL LETTER T WITH CEDILLA |
| <T<> | <U0164> | LATIN CAPITAL LETTER T WITH CARON |
| <t<> | <U0165> | LATIN SMALL LETTER T WITH CARON |
| <T//> | <U0166> | LATIN CAPITAL LETTER T WITH STROKE |
| <t//> | <U0167> | LATIN SMALL LETTER T WITH STROKE |
| <U?> | <U0168> | LATIN CAPITAL LETTER U WITH TILDE |
| <u?> | <U0169> | LATIN SMALL LETTER U WITH TILDE |
| <U~> | <U016A> | LATIN CAPITAL LETTER U WITH MACRON |
| <u~> | <U016B> | LATIN SMALL LETTER U WITH MACRON |
| <U^> | <U016C> | LATIN CAPITAL LETTER U WITH BREVE |
| <u^> | <U016D> | LATIN SMALL LETTER U WITH BREVE |
| <U^o> | <U016E> | LATIN CAPITAL LETTER U WITH RING ABOVE |
| <u^o> | <U016F> | LATIN SMALL LETTER U WITH RING ABOVE |
| <U^*> | <U0170> | LATIN CAPITAL LETTER U WITH DOUBLE ACUTE |
| <u^*> | <U0171> | LATIN SMALL LETTER U WITH DOUBLE ACUTE |
| <U; > | <U0172> | LATIN CAPITAL LETTER U WITH OGONEK |
| <u; > | <U0173> | LATIN SMALL LETTER U WITH OGONEK |
| <W/>> | <U0174> | LATIN CAPITAL LETTER W WITH CIRCUMFLEX |
| <w/>> | <U0175> | LATIN SMALL LETTER W WITH CIRCUMFLEX |
| <Y/>> | <U0176> | LATIN CAPITAL LETTER Y WITH CIRCUMFLEX |
| <y/>> | <U0177> | LATIN SMALL LETTER Y WITH CIRCUMFLEX |
| <Y: > | <U0178> | LATIN CAPITAL LETTER Y WITH DIAERESIS |
| <Z' > | <U0179> | LATIN CAPITAL LETTER Z WITH ACUTE |
| <z' > | <U017A> | LATIN SMALL LETTER Z WITH ACUTE |
| <Z. > | <U017B> | LATIN CAPITAL LETTER Z WITH DOT ABOVE |
| <z. > | <U017C> | LATIN SMALL LETTER Z WITH DOT ABOVE |
| <Z<> | <U017D> | LATIN CAPITAL LETTER Z WITH CARON |
| <z<> | <U017E> | LATIN SMALL LETTER Z WITH CARON |
| <S1> | <U017F> | LATIN SMALL LETTER LONG S |
| <EE> | <U018F> | LATIN CAPITAL LETTER SCHWA |
| <f2> | <U0192> | LATIN SMALL LETTER F WITH HOOK |
| <ED> | <U01B7> | LATIN CAPITAL LETTER EZH |
| <A1> | <U01DE> | LATIN CAPITAL LETTER A WITH DIAERESIS AND MACRON |
| <a1> | <U01DF> | LATIN SMALL LETTER A WITH DIAERESIS AND MACRON |
| <A7> | <U01E0> | LATIN CAPITAL LETTER A WITH DOT ABOVE AND MACRON |
| <a7> | <U01E1> | LATIN SMALL LETTER A WITH DOT ABOVE AND MACRON |
| <A3> | <U01E2> | LATIN CAPITAL LETTER AE WITH MACRON (ash) |
| <a3> | <U01E3> | LATIN SMALL LETTER AE WITH MACRON (ash) |
| <G//> | <U01E4> | LATIN CAPITAL LETTER G WITH STROKE |
| <g//> | <U01E5> | LATIN SMALL LETTER G WITH STROKE |
| <G<> | <U01E6> | LATIN CAPITAL LETTER G WITH CARON |
| <g<> | <U01E7> | LATIN SMALL LETTER G WITH CARON |
| <K<> | <U01E8> | LATIN CAPITAL LETTER K WITH CARON |
| <k<> | <U01E9> | LATIN SMALL LETTER K WITH CARON |
| <o; > | <U01EA> | LATIN CAPITAL LETTER O WITH OGONEK |
| <o1> | <U01EB> | LATIN SMALL LETTER O WITH OGONEK |
| <o1> | <U01EC> | LATIN CAPITAL LETTER O WITH OGONEK AND MACRON |
| <o1> | <U01ED> | LATIN SMALL LETTER O WITH OGONEK AND MACRON |
| <EZ> | <U01EE> | LATIN CAPITAL LETTER EZH WITH CARON |
| <e2> | <U01EF> | LATIN SMALL LETTER EZH WITH CARON |
| <AA' > | <U01FA> | LATIN CAPITAL LETTER A WITH RING ABOVE AND ACUTE |
| <aa' > | <U01FB> | LATIN SMALL LETTER A WITH RING ABOVE AND ACUTE |
| <AE' > | <U01FC> | LATIN CAPITAL LETTER AE WITH ACUTE (ash) |
| <ae' > | <U01FD> | LATIN SMALL LETTER AE WITH ACUTE (ash) |
| <o//'/ > | <U01FE> | LATIN CAPITAL LETTER O WITH STROKE AND ACUTE |
| <o//'/ > | <U01FF> | LATIN SMALL LETTER O WITH STROKE AND ACUTE |
| <S_> | <U0218> | LATIN CAPITAL LETTER S WITH COMMA BELOW |
| <s_> | <U0219> | LATIN SMALL LETTER S WITH COMMA BELOW |
| <T_> | <U021A> | LATIN CAPITAL LETTER T WITH COMMA BELOW |
| <t_> | <U021B> | LATIN SMALL LETTER T WITH COMMA BELOW |
| <H_> | <U021E> | LATIN CAPITAL LETTER H WITH CARON |
| <h_> | <U021F> | LATIN SMALL LETTER H WITH CARON |
| <es> | <U0259> | LATIN SMALL LETTER SCHWA |
| <r1> | <U027C> | LATIN SMALL LETTER R WITH LONG LEG |
| <ed> | <U0292> | LATIN SMALL LETTER EZH |
| <'S> | <U02BB> | MODIFIER LETTER TURNED COMMA |
| <' ' > | <U02BC> | MODIFIER LETTER APOSTROPHE |
| <' ' , > | <U02BD> | MODIFIER LETTER REVERSED COMMA |
| <1/> | <U02C6> | MODIFIER LETTER CIRCUMFLEX ACCENT |
| <' <> | <U02C7> | CARON (Mandarin Chinese third tone) |
| <1-> | <U02C9> | MODIFIER LETTER MACRON (Mandarin Chinese first tone) |
| <' + > | <U02D6> | MODIFIER LETTER PLUS SIGN |
| <' (> | <U02D8> | BREVE |
| <' . > | <U02D9> | DOT ABOVE (Mandarin Chinese light tone) |
| <' 0 > | <U02DA> | RING ABOVE |
| <' ; > | <U02DB> | OGONEK |
| <1?> | <U02DC> | SMALL TILDE |
| <' * > | <U02DD> | DOUBLE ACUTE ACCENT |
| <' ' _> | <U02DF> | MODIFIER LETTER CROSS ACCENT |
| <' ' ' > | <U02EE> | MODIFIER LETTER DOUBLE APOSTROPHE |
| <' G > | <U0374> | GREEK NUMERAL SIGN (Dexia keraia) |
| <' G > | <U0375> | GREEK LOWER NUMERAL SIGN (Aristeri keraia) |
| <' j3 > | <U037A> | GREEK YPOGEGRAMMENI |
| <' ?% > | <U037E> | GREEK QUESTION MARK (Erotimatiko) |
| <' * > | <U0384> | GREEK TONOS |
| <' % > | <U0385> | GREEK DIALYTIKA TONOS |
| <' A% > | <U0386> | GREEK CAPITAL LETTER ALPHA WITH TONOS |
| <' * > | <U0387> | GREEK ANO TELEIA |
| <' E% > | <U0388> | GREEK CAPITAL LETTER EPSILON WITH TONOS |
| <' Y% > | <U0389> | GREEK CAPITAL LETTER ETA WITH TONOS |
| <' I% > | <U038A> | GREEK CAPITAL LETTER IOTA WITH TONOS |
| <' O% > | <U038C> | GREEK CAPITAL LETTER OMICRON WITH TONOS |
| <' U% > | <U038E> | GREEK CAPITAL LETTER UPSILON WITH TONOS |
| <' W% > | <U038F> | GREEK CAPITAL LETTER OMEGA WITH TONOS |
| <' i3 > | <U0390> | GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS |
| <' A* > | <U0391> | GREEK CAPITAL LETTER ALPHA |
| <' B* > | <U0392> | GREEK CAPITAL LETTER BETA |
| <' G* > | <U0393> | GREEK CAPITAL LETTER GAMMA |
| <' D* > | <U0394> | GREEK CAPITAL LETTER DELTA |
| <' E* > | <U0395> | GREEK CAPITAL LETTER EPSILON |
| <' Z* > | <U0396> | GREEK CAPITAL LETTER ZETA |
| <' Y* > | <U0397> | GREEK CAPITAL LETTER ETA |
| <' H* > | <U0398> | GREEK CAPITAL LETTER THETA |
| <' I* > | <U0399> | GREEK CAPITAL LETTER IOTA |
| <' K* > | <U039A> | GREEK CAPITAL LETTER KAPPA |
| <' L* > | <U039B> | GREEK CAPITAL LETTER LAMDA |
| <' M* > | <U039C> | GREEK CAPITAL LETTER MU |

| | | |
|--------|---------|---|
| <N*> | <U039D> | GREEK CAPITAL LETTER NU |
| <C*> | <U039E> | GREEK CAPITAL LETTER XI |
| <O*> | <U039F> | GREEK CAPITAL LETTER OMICRON |
| <P*> | <U03A0> | GREEK CAPITAL LETTER PI |
| <R*> | <U03A1> | GREEK CAPITAL LETTER RHO |
| <S*> | <U03A3> | GREEK CAPITAL LETTER SIGMA |
| <T*> | <U03A4> | GREEK CAPITAL LETTER TAU |
| <U*> | <U03A5> | GREEK CAPITAL LETTER UPSILON |
| <F*> | <U03A6> | GREEK CAPITAL LETTER PHI |
| <X*> | <U03A7> | GREEK CAPITAL LETTER CHI |
| <Q*> | <U03A8> | GREEK CAPITAL LETTER PSI |
| <W*> | <U03A9> | GREEK CAPITAL LETTER OMEGA |
| <J*> | <U03AA> | GREEK CAPITAL LETTER IOTA WITH DIALYTIKA |
| <V*> | <U03AB> | GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA |
| <a&#x> | <U03AC> | GREEK SMALL LETTER ALPHA WITH TONOS |
| <e&#x> | <U03AD> | GREEK SMALL LETTER EPSILON WITH TONOS |
| <y&#x> | <U03AE> | GREEK SMALL LETTER ETA WITH TONOS |
| <i&#x> | <U03AF> | GREEK SMALL LETTER IOTA WITH TONOS |
| <u3> | <U03B0> | GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS |
| <a*> | <U03B1> | GREEK SMALL LETTER ALPHA |
| <b*> | <U03B2> | GREEK SMALL LETTER BETA |
| <g*> | <U03B3> | GREEK SMALL LETTER GAMMA |
| <d*> | <U03B4> | GREEK SMALL LETTER DELTA |
| <e*> | <U03B5> | GREEK SMALL LETTER EPSILON |
| <z*> | <U03B6> | GREEK SMALL LETTER ZETA |
| <y*> | <U03B7> | GREEK SMALL LETTER ETA |
| <h*> | <U03B8> | GREEK SMALL LETTER THETA |
| <i*> | <U03B9> | GREEK SMALL LETTER IOTA |
| <k*> | <U03BA> | GREEK SMALL LETTER KAPPA |
| <l*> | <U03BB> | GREEK SMALL LETTER LAMDA |
| <m*> | <U03BC> | GREEK SMALL LETTER MU |
| <n*> | <U03BD> | GREEK SMALL LETTER NU |
| <c*> | <U03BE> | GREEK SMALL LETTER XI |
| <o*> | <U03BF> | GREEK SMALL LETTER OMICRON |
| <p*> | <U03C0> | GREEK SMALL LETTER PI |
| <r*> | <U03C1> | GREEK SMALL LETTER RHO |
| <s*> | <U03C2> | GREEK SMALL LETTER FINAL SIGMA |
| <s*> | <U03C3> | GREEK SMALL LETTER SIGMA |
| <t*> | <U03C4> | GREEK SMALL LETTER TAU |
| <f*> | <U03C5> | GREEK SMALL LETTER UPSILON |
| <x*> | <U03C6> | GREEK SMALL LETTER PHI |
| <g*> | <U03C7> | GREEK SMALL LETTER CHI |
| <q*> | <U03C8> | GREEK SMALL LETTER PSI |
| <w*> | <U03C9> | GREEK SMALL LETTER OMEGA |
| <j*> | <U03CA> | GREEK SMALL LETTER IOTA WITH DIALYTIKA |
| <v*> | <U03CB> | GREEK SMALL LETTER UPSILON WITH DIALYTIKA |
| <o&#x> | <U03CC> | GREEK SMALL LETTER OMICRON WITH TONOS |
| <u&#x> | <U03CD> | GREEK SMALL LETTER EPSILON WITH TONOS |
| <w&#x> | <U03CE> | GREEK SMALL LETTER OMEGA WITH TONOS |
| <kai> | <U03D7> | GREEK KAI SYMBOL |
| <T3> | <U03DA> | GREEK LETTER STIGMA |
| <t3> | <U03DB> | GREEK SMALL LETTER STIGMA |
| <m3> | <U03DC> | GREEK LETTER DIGAMMA |
| <sm3> | <U03DD> | GREEK SMALL LETTER DIGAMMA |
| <k3> | <U03DE> | GREEK LETTER KOPPA |
| <k3> | <U03DF> | GREEK SMALL LETTER KOPPA |
| <P3> | <U03E0> | GREEK LETTER SAMPI |
| <p3> | <U03E1> | GREEK SMALL LETTER SAMPI |
| <E=!> | <U0400> | CYRILLIC CAPITAL LETTER IE WITH GRAVE |
| <IO> | <U0401> | CYRILLIC CAPITAL LETTER IO |
| <D&#x> | <U0402> | CYRILLIC CAPITAL LETTER DJE (Serbocroatian) |
| <G&#x> | <U0403> | CYRILLIC CAPITAL LETTER GJE |
| <IE> | <U0404> | CYRILLIC CAPITAL LETTER UKRAINIAN IE |
| <DS> | <U0405> | CYRILLIC CAPITAL LETTER DZE |
| <II> | <U0406> | CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I |
| <YI> | <U0407> | CYRILLIC CAPITAL LETTER YI (Ukrainian) |
| <J&#x> | <U0408> | CYRILLIC CAPITAL LETTER JE |
| <LJ> | <U0409> | CYRILLIC CAPITAL LETTER LJJE |
| <NJ> | <U040A> | CYRILLIC CAPITAL LETTER NJJE |
| <TS> | <U040B> | CYRILLIC CAPITAL LETTER TSHE (Serbocroatian) |
| <KJ> | <U040C> | CYRILLIC CAPITAL LETTER KJE |
| <I=!> | <U040D> | CYRILLIC CAPITAL LETTER I WITH GRAVE |
| <V&#x> | <U040E> | CYRILLIC CAPITAL LETTER SHORT U (Byelorussian) |
| <DZ> | <U040F> | CYRILLIC CAPITAL LETTER DZHE |
| <A=> | <U0410> | CYRILLIC CAPITAL LETTER A |
| <B=> | <U0411> | CYRILLIC CAPITAL LETTER BE |
| <V=> | <U0412> | CYRILLIC CAPITAL LETTER VE |
| <G=> | <U0413> | CYRILLIC CAPITAL LETTER GHE |
| <D=> | <U0414> | CYRILLIC CAPITAL LETTER DE |
| <E=> | <U0415> | CYRILLIC CAPITAL LETTER IE |
| <Z&#x> | <U0416> | CYRILLIC CAPITAL LETTER ZHE |
| <Z=> | <U0417> | CYRILLIC CAPITAL LETTER ZE |
| <I=> | <U0418> | CYRILLIC CAPITAL LETTER I |
| <J=> | <U0419> | CYRILLIC CAPITAL LETTER SHORT I |
| <K=> | <U041A> | CYRILLIC CAPITAL LETTER KA |
| <L=> | <U041B> | CYRILLIC CAPITAL LETTER EL |
| <M=> | <U041C> | CYRILLIC CAPITAL LETTER EM |
| <N=> | <U041D> | CYRILLIC CAPITAL LETTER EN |
| <O=> | <U041E> | CYRILLIC CAPITAL LETTER O |
| <P=> | <U041F> | CYRILLIC CAPITAL LETTER PE |
| <R=> | <U0420> | CYRILLIC CAPITAL LETTER ER |
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| <T=> | <U0422> | CYRILLIC CAPITAL LETTER TE |
| <U=> | <U0423> | CYRILLIC CAPITAL LETTER U |
| <F=> | <U0424> | CYRILLIC CAPITAL LETTER EF |
| <H=> | <U0425> | CYRILLIC CAPITAL LETTER HA |
| <C=> | <U0426> | CYRILLIC CAPITAL LETTER TSE |
| <C&#x> | <U0427> | CYRILLIC CAPITAL LETTER CHE |
| <S&#x> | <U0428> | CYRILLIC CAPITAL LETTER SHA |
| <Sc> | <U0429> | CYRILLIC CAPITAL LETTER SHCHA |
| <="> | <U042A> | CYRILLIC CAPITAL LETTER HARD SIGN |
| <Y=> | <U042B> | CYRILLIC CAPITAL LETTER YERU |
| <§"> | <U042C> | CYRILLIC CAPITAL LETTER SOFT SIGN |
| <JE> | <U042D> | CYRILLIC CAPITAL LETTER E |
| <JU> | <U042E> | CYRILLIC CAPITAL LETTER YU |
| <JA> | <U042F> | CYRILLIC CAPITAL LETTER YA |
| <a=> | <U0430> | CYRILLIC SMALL LETTER A |
| <b=> | <U0431> | CYRILLIC SMALL LETTER BE |
| <v=> | <U0432> | CYRILLIC SMALL LETTER VE |
| <g=> | <U0433> | CYRILLIC SMALL LETTER GHE |

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| <d=> | <U0434> | CYRILLIC SMALL LETTER DE |
| <e=> | <U0435> | CYRILLIC SMALL LETTER IE |
| <z%> | <U0436> | CYRILLIC SMALL LETTER ZHE |
| <z=> | <U0437> | CYRILLIC SMALL LETTER ZE |
| <i=> | <U0438> | CYRILLIC SMALL LETTER I |
| <j=> | <U0439> | CYRILLIC SMALL LETTER SHORT I |
| <k=> | <U043A> | CYRILLIC SMALL LETTER KA |
| <l=> | <U043B> | CYRILLIC SMALL LETTER EL |
| <m=> | <U043C> | CYRILLIC SMALL LETTER EM |
| <n=> | <U043D> | CYRILLIC SMALL LETTER EN |
| <o=> | <U043E> | CYRILLIC SMALL LETTER O |
| <p=> | <U043F> | CYRILLIC SMALL LETTER PE |
| <r=> | <U0440> | CYRILLIC SMALL LETTER ER |
| <s=> | <U0441> | CYRILLIC SMALL LETTER ES |
| <t=> | <U0442> | CYRILLIC SMALL LETTER TE |
| <u=> | <U0443> | CYRILLIC SMALL LETTER U |
| <f=> | <U0444> | CYRILLIC SMALL LETTER EF |
| <h=> | <U0445> | CYRILLIC SMALL LETTER HA |
| <c=> | <U0446> | CYRILLIC SMALL LETTER TSE |
| <c%> | <U0447> | CYRILLIC SMALL LETTER CHE |
| <s%> | <U0448> | CYRILLIC SMALL LETTER SHA |
| <sc> | <U0449> | CYRILLIC SMALL LETTER SHCHA |
| <='> | <U044A> | CYRILLIC SMALL LETTER HARD SIGN |
| <y=> | <U044B> | CYRILLIC SMALL LETTER YERU |
| <%> | <U044C> | CYRILLIC SMALL LETTER SOFT SIGN |
| <je> | <U044D> | CYRILLIC SMALL LETTER E |
| <ju> | <U044E> | CYRILLIC SMALL LETTER YU |
| <ja> | <U044F> | CYRILLIC SMALL LETTER YA |
| <e='!> | <U0450> | CYRILLIC SMALL LETTER IE WITH GRAVE |
| <io> | <U0451> | CYRILLIC SMALL LETTER IO |
| <d%> | <U0452> | CYRILLIC SMALL LETTER DJE (Serbocroatian) |
| <g%> | <U0453> | CYRILLIC SMALL LETTER GJE |
| <ie> | <U0454> | CYRILLIC SMALL LETTER UKRAINIAN IE |
| <ds> | <U0455> | CYRILLIC SMALL LETTER DZE |
| <i!> | <U0456> | CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I |
| <yi> | <U0457> | CYRILLIC SMALL LETTER YI (Ukrainian) |
| <j%> | <U0458> | CYRILLIC SMALL LETTER JE |
| <l%> | <U0459> | CYRILLIC SMALL LETTER LJE |
| <n%> | <U045A> | CYRILLIC SMALL LETTER NJE |
| <ts> | <U045B> | CYRILLIC SMALL LETTER TSHE (Serbocroatian) |
| <k%> | <U045C> | CYRILLIC SMALL LETTER KJE |
| <i='!> | <U045D> | CYRILLIC SMALL LETTER I WITH GRAVE |
| <v%> | <U045E> | CYRILLIC SMALL LETTER SHORT U (Byelorussian) |
| <d%> | <U045F> | CYRILLIC SMALL LETTER DZHE |
| <g3> | <U0490> | CYRILLIC CAPITAL LETTER GHE WITH UPTURN |
| <g> | <U0491> | CYRILLIC SMALL LETTER GHE WITH UPTURN |
| <G=//> | <U0492> | CYRILLIC CAPITAL LETTER GHE WITH STROKE |
| <g=//> | <U0493> | CYRILLIC SMALL LETTER GHE WITH STROKE |
| <G=2> | <U0494> | CYRILLIC CAPITAL LETTER GHE WITH MIDDLE HOOK |
| <g=2> | <U0495> | CYRILLIC SMALL LETTER GHE WITH MIDDLE HOOK |
| <Z%> | <U0496> | CYRILLIC CAPITAL LETTER ZHE WITH DESCENDER |
| <z%> | <U0497> | CYRILLIC SMALL LETTER ZHE WITH DESCENDER |
| <Z=> | <U0498> | CYRILLIC CAPITAL LETTER ZE WITH DESCENDER |
| <z=> | <U0499> | CYRILLIC SMALL LETTER ZE WITH DESCENDER |
| <K=> | <U049A> | CYRILLIC CAPITAL LETTER KA WITH DESCENDER |
| <k=> | <U049B> | CYRILLIC SMALL LETTER KA WITH DESCENDER |
| <K=> | <U049C> | CYRILLIC CAPITAL LETTER KA WITH VERTICAL STROKE |
| <k=> | <U049D> | CYRILLIC SMALL LETTER KA WITH VERTICAL STROKE |
| <K=//> | <U049E> | CYRILLIC CAPITAL LETTER KA WITH STROKE |
| <k=//> | <U049F> | CYRILLIC SMALL LETTER KA WITH STROKE |
| <K=%> | <U04A0> | CYRILLIC CAPITAL LETTER BASHKIR KA |
| <k=%> | <U04A1> | CYRILLIC SMALL LETTER BASHKIR KA |
| <N=> | <U04A2> | CYRILLIC CAPITAL LETTER EN WITH DESCENDER |
| <n=> | <U04A3> | CYRILLIC SMALL LETTER EN WITH DESCENDER |
| <NG=> | <U04A4> | CYRILLIC CAPITAL LIGATURE EN GHE |
| <ng=> | <U04A5> | CYRILLIC SMALL LIGATURE EN GHE |
| <P=2> | <U04A6> | CYRILLIC CAPITAL LETTER PE WITH MIDDLE HOOK (Abkhasian) |
| <p=2> | <U04A7> | CYRILLIC SMALL LETTER PE WITH MIDDLE HOOK (Abkhasian) |
| <H=> | <U04A8> | CYRILLIC CAPITAL LETTER ABKHASIAN HA |
| <h=> | <U04A9> | CYRILLIC SMALL LETTER ABKHASIAN HA |
| <S=> | <U04AA> | CYRILLIC CAPITAL LETTER ES WITH DESCENDER |
| <s=> | <U04AB> | CYRILLIC SMALL LETTER ES WITH DESCENDER |
| <T=> | <U04AC> | CYRILLIC CAPITAL LETTER TE WITH DESCENDER |
| <t=> | <U04AD> | CYRILLIC SMALL LETTER TE WITH DESCENDER |
| <U=> | <U04AE> | CYRILLIC CAPITAL LETTER STRAIGHT U |
| <u=> | <U04AF> | CYRILLIC SMALL LETTER STRAIGHT U |
| <U=//> | <U04B0> | CYRILLIC CAPITAL LETTER STRAIGHT U WITH STROKE |
| <u=//> | <U04B1> | CYRILLIC SMALL LETTER STRAIGHT U WITH STROKE |
| <H=> | <U04B2> | CYRILLIC CAPITAL LETTER HA WITH DESCENDER |
| <h=> | <U04B3> | CYRILLIC SMALL LETTER HA WITH DESCENDER |
| <TC=> | <U04B4> | CYRILLIC CAPITAL LIGATURE TE TSE (Abkhasian) |
| <tc=> | <U04B5> | CYRILLIC SMALL LIGATURE TE TSE (Abkhasian) |
| <C%> | <U04B6> | CYRILLIC CAPITAL LETTER CHE WITH DESCENDER |
| <c%> | <U04B7> | CYRILLIC SMALL LETTER CHE WITH DESCENDER |
| <C%//> | <U04B8> | CYRILLIC CAPITAL LETTER CHE WITH VERTICAL STROKE |
| <c%//> | <U04B9> | CYRILLIC SMALL LETTER CHE WITH VERTICAL STROKE |
| <H%> | <U04BA> | CYRILLIC CAPITAL LETTER SHHA |
| <h%> | <U04BB> | CYRILLIC SMALL LETTER SHHA |
| <C%+> | <U04BC> | CYRILLIC CAPITAL LETTER ABKHASIAN CHE |
| <c%+> | <U04BD> | CYRILLIC SMALL LETTER ABKHASIAN CHE |
| <C%+> | <U04BE> | CYRILLIC CAPITAL LETTER ABKHASIAN CHE WITH DESCENDER |
| <c%+> | <U04BF> | CYRILLIC SMALL LETTER ABKHASIAN CHE WITH DESCENDER |
| <I='> | <U04C0> | CYRILLIC LETTER PALOCHKA |
| <Z%(> | <U04C1> | CYRILLIC CAPITAL LETTER ZHE WITH BREVE |
| <z%(> | <U04C2> | CYRILLIC SMALL LETTER ZHE WITH BREVE |
| <K=2> | <U04C3> | CYRILLIC CAPITAL LETTER KA WITH HOOK |
| <k=2> | <U04C4> | CYRILLIC SMALL LETTER KA WITH HOOK |
| <N=2> | <U04C7> | CYRILLIC CAPITAL LETTER EN WITH HOOK |
| <n=2> | <U04C8> | CYRILLIC SMALL LETTER EN WITH HOOK |
| <C%*> | <U04CB> | CYRILLIC CAPITAL LETTER KHAKASSIAN CHE |
| <c%*> | <U04CC> | CYRILLIC SMALL LETTER KHAKASSIAN CHE |
| <A=> | <U04D0> | CYRILLIC CAPITAL LETTER A WITH BREVE |
| <a=> | <U04D1> | CYRILLIC SMALL LETTER A WITH BREVE |
| <A=:> | <U04D2> | CYRILLIC CAPITAL LETTER A WITH DIAERESIS |
| <a=:> | <U04D3> | CYRILLIC SMALL LETTER A WITH DIAERESIS |
| <AE=> | <U04D4> | CYRILLIC CAPITAL LIGATURE A IE |
| <ae=> | <U04D5> | CYRILLIC SMALL LIGATURE A IE |
| <E=> | <U04D6> | CYRILLIC CAPITAL LETTER IE WITH BREVE |
| <e=> | <U04D7> | CYRILLIC SMALL LETTER IE WITH BREVE |
| <EE=> | <U04D8> | CYRILLIC CAPITAL LETTER SCHWA |

| | | |
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| <ee> | <U04D9> | CYRILLIC SMALL LETTER SCHWA |
| <AA=:> | <U04DA> | CYRILLIC CAPITAL LETTER SCHWA WITH DIAERESIS |
| <aa=:> | <U04DB> | CYRILLIC SMALL LETTER SCHWA WITH DIAERESIS |
| <Z%:> | <U04DC> | CYRILLIC CAPITAL LETTER ZHE WITH DIAERESIS |
| <z%:> | <U04DD> | CYRILLIC SMALL LETTER ZHE WITH DIAERESIS |
| <Z=:> | <U04DE> | CYRILLIC CAPITAL LETTER ZE WITH DIAERESIS |
| <z=:> | <U04DF> | CYRILLIC SMALL LETTER ZE WITH DIAERESIS |
| <DS=> | <U04E0> | CYRILLIC CAPITAL LETTER ABKHASIAN DZE |
| <ds=> | <U04E1> | CYRILLIC SMALL LETTER ABKHASIAN DZE |
| <I=:> | <U04E2> | CYRILLIC CAPITAL LETTER I WITH MACRON |
| <i=:> | <U04E3> | CYRILLIC SMALL LETTER I WITH MACRON |
| <I=:> | <U04E4> | CYRILLIC CAPITAL LETTER I WITH DIAERESIS |
| <i=:> | <U04E5> | CYRILLIC SMALL LETTER I WITH DIAERESIS |
| <O=:> | <U04E6> | CYRILLIC CAPITAL LETTER O WITH DIAERESIS |
| <o=:> | <U04E7> | CYRILLIC SMALL LETTER O WITH DIAERESIS |
| <O=:> | <U04E8> | CYRILLIC CAPITAL LETTER BARRED O |
| <o=:> | <U04E9> | CYRILLIC SMALL LETTER BARRED O |
| <O=:> | <U04EA> | CYRILLIC CAPITAL LETTER BARRED O WITH DIAERESIS |
| <o=:> | <U04EB> | CYRILLIC SMALL LETTER BARRED O WITH DIAERESIS |
| <U=:> | <U04EC> | CYRILLIC CAPITAL LETTER U WITH MACRON |
| <u=:> | <U04ED> | CYRILLIC SMALL LETTER U WITH MACRON |
| <U=:> | <U04EU> | CYRILLIC CAPITAL LETTER U WITH DIAERESIS |
| <u=:> | <U04F1> | CYRILLIC SMALL LETTER U WITH DIAERESIS |
| <U=:> | <U04F2> | CYRILLIC CAPITAL LETTER U WITH DOUBLE ACUTE |
| <u=:> | <U04F3> | CYRILLIC SMALL LETTER U WITH DOUBLE ACUTE |
| <C%:> | <U04F4> | CYRILLIC CAPITAL LETTER CHE WITH DIAERESIS |
| <c%:> | <U04F5> | CYRILLIC SMALL LETTER CHE WITH DIAERESIS |
| <Y=:> | <U04F8> | CYRILLIC CAPITAL LETTER YERU WITH DIAERESIS |
| <y=:> | <U04F9> | CYRILLIC SMALL LETTER YERU WITH DIAERESIS |
| <B.> | <U1E02> | LATIN CAPITAL LETTER B WITH DOT ABOVE |
| <b.> | <U1E03> | LATIN SMALL LETTER B WITH DOT ABOVE |
| <D.> | <U1E0A> | LATIN CAPITAL LETTER D WITH DOT ABOVE |
| <d.> | <U1E0B> | LATIN SMALL LETTER D WITH DOT ABOVE |
| <F.> | <U1E1E> | LATIN CAPITAL LETTER F WITH DOT ABOVE |
| <f.> | <U1E1F> | LATIN SMALL LETTER F WITH DOT ABOVE |
| <M.> | <U1E40> | LATIN CAPITAL LETTER M WITH DOT ABOVE |
| <m.> | <U1E41> | LATIN SMALL LETTER M WITH DOT ABOVE |
| <P.> | <U1E56> | LATIN CAPITAL LETTER P WITH DOT ABOVE |
| <p.> | <U1E57> | LATIN SMALL LETTER P WITH DOT ABOVE |
| <S.> | <U1E60> | LATIN CAPITAL LETTER S WITH DOT ABOVE |
| <s.> | <U1E61> | LATIN SMALL LETTER S WITH DOT ABOVE |
| <T.> | <U1E6A> | LATIN CAPITAL LETTER T WITH DOT ABOVE |
| <t.> | <U1E6B> | LATIN SMALL LETTER T WITH DOT ABOVE |
| <W.> | <U1E80> | LATIN CAPITAL LETTER W WITH GRAVE |
| <w.> | <U1E81> | LATIN SMALL LETTER W WITH GRAVE |
| <W.> | <U1E82> | LATIN CAPITAL LETTER W WITH ACUTE |
| <w.> | <U1E83> | LATIN SMALL LETTER W WITH ACUTE |
| <W.> | <U1E84> | LATIN CAPITAL LETTER W WITH DIAERESIS |
| <w.> | <U1E85> | LATIN SMALL LETTER W WITH DIAERESIS |
| <sl.> | <U1E9B> | LATIN SMALL LETTER LONG S WITH DOT ABOVE |
| <Y.> | <U1EF2> | LATIN CAPITAL LETTER Y WITH GRAVE |
| <y.> | <U1EF3> | LATIN SMALL LETTER Y WITH GRAVE |
| <a*.> | <U1F00> | GREEK SMALL LETTER ALPHA WITH PSILI |
| <a*!> | <U1F01> | GREEK SMALL LETTER ALPHA WITH DASIA |
| <a*!> | <U1F02> | GREEK SMALL LETTER ALPHA WITH PSILI AND VARIA |
| <a*!> | <U1F03> | GREEK SMALL LETTER ALPHA WITH DASIA AND VARIA |
| <a*!> | <U1F04> | GREEK SMALL LETTER ALPHA WITH PSILI AND OXIA |
| <a*!> | <U1F05> | GREEK SMALL LETTER ALPHA WITH DASIA AND OXIA |
| <a*?> | <U1F06> | GREEK SMALL LETTER ALPHA WITH PSILI AND PERISPOMENI |
| <a*?> | <U1F07> | GREEK SMALL LETTER ALPHA WITH DASIA AND PERISPOMENI |
| <A*.> | <U1F08> | GREEK CAPITAL LETTER ALPHA WITH PSILI |
| <A*!> | <U1F09> | GREEK CAPITAL LETTER ALPHA WITH DASIA |
| <A*!> | <U1F0A> | GREEK CAPITAL LETTER ALPHA WITH PSILI AND VARIA |
| <A*!> | <U1F0B> | GREEK CAPITAL LETTER ALPHA WITH DASIA AND VARIA |
| <A*!> | <U1F0C> | GREEK CAPITAL LETTER ALPHA WITH PSILI AND OXIA |
| <A*!> | <U1F0D> | GREEK CAPITAL LETTER ALPHA WITH DASIA AND OXIA |
| <A*?> | <U1F0E> | GREEK CAPITAL LETTER ALPHA WITH PSILI AND PERISPOMENI |
| <A*?> | <U1F0F> | GREEK CAPITAL LETTER ALPHA WITH DASIA AND PERISPOMENI |
| <e*.> | <U1F10> | GREEK SMALL LETTER EPSILON WITH PSILI |
| <e*?> | <U1F11> | GREEK SMALL LETTER EPSILON WITH DASIA |
| <e*!> | <U1F12> | GREEK SMALL LETTER EPSILON WITH PSILI AND VARIA |
| <e*!> | <U1F13> | GREEK SMALL LETTER EPSILON WITH DASIA AND VARIA |
| <e*!> | <U1F14> | GREEK SMALL LETTER EPSILON WITH PSILI AND OXIA |
| <e*!> | <U1F15> | GREEK SMALL LETTER EPSILON WITH DASIA AND OXIA |
| <E*.> | <U1F18> | GREEK CAPITAL LETTER EPSILON WITH PSILI |
| <E*?> | <U1F19> | GREEK CAPITAL LETTER EPSILON WITH DASIA |
| <E*!> | <U1F1A> | GREEK CAPITAL LETTER EPSILON WITH PSILI AND VARIA |
| <E*!> | <U1F1B> | GREEK CAPITAL LETTER EPSILON WITH DASIA AND VARIA |
| <E*!> | <U1F1C> | GREEK CAPITAL LETTER EPSILON WITH PSILI AND OXIA |
| <E*!> | <U1F1D> | GREEK CAPITAL LETTER EPSILON WITH DASIA AND OXIA |
| <y*.> | <U1F20> | GREEK SMALL LETTER ETA WITH PSILI |
| <y*?> | <U1F21> | GREEK SMALL LETTER ETA WITH DASIA |
| <y*!> | <U1F22> | GREEK SMALL LETTER ETA WITH PSILI AND VARIA |
| <y*!> | <U1F23> | GREEK SMALL LETTER ETA WITH DASIA AND VARIA |
| <y*!> | <U1F24> | GREEK SMALL LETTER ETA WITH PSILI AND OXIA |
| <y*!> | <U1F25> | GREEK SMALL LETTER ETA WITH DASIA AND OXIA |
| <y*?> | <U1F26> | GREEK SMALL LETTER ETA WITH PSILI AND PERISPOMENI |
| <y*?> | <U1F27> | GREEK SMALL LETTER ETA WITH DASIA AND PERISPOMENI |
| <Y*.> | <U1F28> | GREEK CAPITAL LETTER ETA WITH PSILI |
| <Y*?> | <U1F29> | GREEK CAPITAL LETTER ETA WITH DASIA |
| <Y*!> | <U1F2A> | GREEK CAPITAL LETTER ETA WITH PSILI AND VARIA |
| <Y*!> | <U1F2B> | GREEK CAPITAL LETTER ETA WITH DASIA AND VARIA |
| <Y*!> | <U1F2C> | GREEK CAPITAL LETTER ETA WITH PSILI AND OXIA |
| <Y*!> | <U1F2D> | GREEK CAPITAL LETTER ETA WITH DASIA AND OXIA |
| <Y*?> | <U1F2E> | GREEK CAPITAL LETTER ETA WITH PSILI AND PERISPOMENI |
| <Y*?> | <U1F2F> | GREEK CAPITAL LETTER ETA WITH DASIA AND PERISPOMENI |
| <i*.> | <U1F30> | GREEK SMALL LETTER IOTA WITH PSILI |
| <i*?> | <U1F31> | GREEK SMALL LETTER IOTA WITH DASIA |
| <i*!> | <U1F32> | GREEK SMALL LETTER IOTA WITH PSILI AND VARIA |
| <i*!> | <U1F33> | GREEK SMALL LETTER IOTA WITH DASIA AND VARIA |
| <i*!> | <U1F34> | GREEK SMALL LETTER IOTA WITH PSILI AND OXIA |
| <i*!> | <U1F35> | GREEK SMALL LETTER IOTA WITH DASIA AND OXIA |
| <i*?> | <U1F36> | GREEK SMALL LETTER IOTA WITH PSILI AND PERISPOMENI |
| <i*?> | <U1F37> | GREEK SMALL LETTER IOTA WITH DASIA AND PERISPOMENI |
| <I*.> | <U1F38> | GREEK CAPITAL LETTER IOTA WITH PSILI |
| <I*?> | <U1F39> | GREEK CAPITAL LETTER IOTA WITH DASIA |
| <I*!> | <U1F3A> | GREEK CAPITAL LETTER IOTA WITH PSILI AND VARIA |
| <I*!> | <U1F3B> | GREEK CAPITAL LETTER IOTA WITH DASIA AND VARIA |
| <I*!> | <U1F3C> | GREEK CAPITAL LETTER IOTA WITH PSILI AND OXIA |
| <I*!> | <U1F3D> | GREEK CAPITAL LETTER IOTA WITH DASIA AND OXIA |

| | | |
|--------|---------|--|
| <I*,?> | <U1F3E> | GREEK CAPITAL LETTER IOTA WITH PSILI AND PERISPOMENI |
| <I*!> | <U1F3F> | GREEK CAPITAL LETTER IOTA WITH DASIA AND PERISPOMENI |
| <O*,> | <U1F40> | GREEK SMALL LETTER OMICRON WITH PSILI |
| <O*!> | <U1F41> | GREEK SMALL LETTER OMICRON WITH DASIA |
| <O*,!> | <U1F42> | GREEK SMALL LETTER OMICRON WITH PSILI AND VARIA |
| <O*;!> | <U1F43> | GREEK SMALL LETTER OMICRON WITH DASIA AND VARIA |
| <O*,!> | <U1F44> | GREEK SMALL LETTER OMICRON WITH PSILI AND OXIA |
| <O*;!> | <U1F45> | GREEK SMALL LETTER OMICRON WITH DASIA AND OXIA |
| <O*,> | <U1F48> | GREEK CAPITAL LETTER OMICRON WITH PSILI |
| <O*!> | <U1F49> | GREEK CAPITAL LETTER OMICRON WITH DASIA |
| <O*,!> | <U1F4A> | GREEK CAPITAL LETTER OMICRON WITH PSILI AND VARIA |
| <O*;!> | <U1F4B> | GREEK CAPITAL LETTER OMICRON WITH DASIA AND VARIA |
| <O*,!> | <U1F4C> | GREEK CAPITAL LETTER OMICRON WITH PSILI AND OXIA |
| <O*;!> | <U1F4D> | GREEK CAPITAL LETTER OMICRON WITH DASIA AND OXIA |
| <U*,> | <U1F50> | GREEK SMALL LETTER UPSILON WITH PSILI |
| <U*!> | <U1F51> | GREEK SMALL LETTER UPSILON WITH DASIA |
| <U*,!> | <U1F52> | GREEK SMALL LETTER UPSILON WITH PSILI AND VARIA |
| <U*;!> | <U1F53> | GREEK SMALL LETTER UPSILON WITH DASIA AND VARIA |
| <U*,!> | <U1F54> | GREEK SMALL LETTER UPSILON WITH PSILI AND OXIA |
| <U*;!> | <U1F55> | GREEK SMALL LETTER UPSILON WITH DASIA AND OXIA |
| <U*,?> | <U1F56> | GREEK SMALL LETTER UPSILON WITH PSILI AND PERISPOMENI |
| <U*!> | <U1F57> | GREEK SMALL LETTER UPSILON WITH DASIA AND PERISPOMENI |
| <U*,?> | <U1F59> | GREEK CAPITAL LETTER UPSILON WITH DASIA |
| <U*!> | <U1F5B> | GREEK CAPITAL LETTER UPSILON WITH DASIA AND VARIA |
| <U*,!> | <U1F5D> | GREEK CAPITAL LETTER UPSILON WITH DASIA AND OXIA |
| <U*!> | <U1F5F> | GREEK CAPITAL LETTER UPSILON WITH DASIA AND PERISPOMENI |
| <W*,> | <U1F60> | GREEK SMALL LETTER OMEGA WITH PSILI |
| <W*!> | <U1F61> | GREEK SMALL LETTER OMEGA WITH DASIA |
| <W*,!> | <U1F62> | GREEK SMALL LETTER OMEGA WITH PSILI AND VARIA |
| <W*;!> | <U1F63> | GREEK SMALL LETTER OMEGA WITH DASIA AND VARIA |
| <W*,!> | <U1F64> | GREEK SMALL LETTER OMEGA WITH PSILI AND OXIA |
| <W*;!> | <U1F65> | GREEK SMALL LETTER OMEGA WITH DASIA AND OXIA |
| <W*,?> | <U1F66> | GREEK SMALL LETTER OMEGA WITH PSILI AND PERISPOMENI |
| <W*!> | <U1F67> | GREEK SMALL LETTER OMEGA WITH DASIA AND PERISPOMENI |
| <W*,?> | <U1F68> | GREEK CAPITAL LETTER OMEGA WITH PSILI |
| <W*!> | <U1F69> | GREEK CAPITAL LETTER OMEGA WITH DASIA |
| <W*,!> | <U1F6A> | GREEK CAPITAL LETTER OMEGA WITH PSILI AND VARIA |
| <W*;!> | <U1F6B> | GREEK CAPITAL LETTER OMEGA WITH DASIA AND VARIA |
| <W*,!> | <U1F6C> | GREEK CAPITAL LETTER OMEGA WITH PSILI AND OXIA |
| <W*;!> | <U1F6D> | GREEK CAPITAL LETTER OMEGA WITH DASIA AND OXIA |
| <W*,?> | <U1F6E> | GREEK CAPITAL LETTER OMEGA WITH PSILI AND PERISPOMENI |
| <W*!> | <U1F6F> | GREEK CAPITAL LETTER OMEGA WITH DASIA AND PERISPOMENI |
| <a*,> | <U1F70> | GREEK SMALL LETTER ALPHA WITH VARIA |
| <a*!> | <U1F71> | GREEK SMALL LETTER ALPHA WITH OXIA |
| <e*,> | <U1F72> | GREEK SMALL LETTER EPSILON WITH VARIA |
| <e*!> | <U1F73> | GREEK SMALL LETTER EPSILON WITH OXIA |
| <y*,> | <U1F74> | GREEK SMALL LETTER ETA WITH VARIA |
| <y*!> | <U1F75> | GREEK SMALL LETTER ETA WITH OXIA |
| <i*,> | <U1F76> | GREEK SMALL LETTER IOTA WITH VARIA |
| <i*!> | <U1F77> | GREEK SMALL LETTER IOTA WITH OXIA |
| <o*,> | <U1F78> | GREEK SMALL LETTER OMICRON WITH VARIA |
| <o*!> | <U1F79> | GREEK SMALL LETTER OMICRON WITH OXIA |
| <u*,> | <U1F7A> | GREEK SMALL LETTER UPSILON WITH VARIA |
| <u*!> | <U1F7B> | GREEK SMALL LETTER UPSILON WITH OXIA |
| <w*,> | <U1F7C> | GREEK SMALL LETTER OMEGA WITH VARIA |
| <w*!> | <U1F7D> | GREEK SMALL LETTER OMEGA WITH OXIA |
| <a*,j> | <U1F80> | GREEK SMALL LETTER ALPHA WITH PSILI AND YPOGEGRAMMENI |
| <a*!j> | <U1F81> | GREEK SMALL LETTER ALPHA WITH DASIA AND YPOGEGRAMMENI |
| <a*!j> | <U1F82> | GREEK SMALL LETTER ALPHA WITH PSILI AND VARIA AND YPOGEGRAMMENI |
| <a*!j> | <U1F83> | GREEK SMALL LETTER ALPHA WITH DASIA AND VARIA AND YPOGEGRAMMENI |
| <a*!j> | <U1F84> | GREEK SMALL LETTER ALPHA WITH PSILI AND OXIA AND YPOGEGRAMMENI |
| <a*!j> | <U1F85> | GREEK SMALL LETTER ALPHA WITH DASIA AND OXIA AND YPOGEGRAMMENI |
| <a*!j> | <U1F86> | GREEK SMALL LETTER ALPHA WITH PSILI AND PERISPOMENI AND YPOGEGRAMMENI |
| <a*!j> | <U1F87> | GREEK SMALL LETTER ALPHA WITH DASIA AND PERISPOMENI AND YPOGEGRAMMENI |
| <a*!j> | <U1F88> | GREEK CAPITAL LETTER ALPHA WITH PSILI AND PROSGEGRAMMENI |
| <a*!j> | <U1F89> | GREEK CAPITAL LETTER ALPHA WITH DASIA AND PROSGEGRAMMENI |
| <a*!j> | <U1F8A> | GREEK CAPITAL LETTER ALPHA WITH PSILI AND VARIA AND PROSGEGRAMMENI |
| <a*!j> | <U1F8B> | GREEK CAPITAL LETTER ALPHA WITH DASIA AND VARIA AND PROSGEGRAMMENI |
| <a*!j> | <U1F8C> | GREEK CAPITAL LETTER ALPHA WITH PSILI AND OXIA AND PROSGEGRAMMENI |
| <a*!j> | <U1F8D> | GREEK CAPITAL LETTER ALPHA WITH DASIA AND OXIA AND PROSGEGRAMMENI |
| <a*!j> | <U1F8E> | GREEK CAPITAL LETTER ALPHA WITH PSILI AND PERISPOMENI AND PROSGEGRAMMENI |
| <a*!j> | <U1F8F> | GREEK CAPITAL LETTER ALPHA WITH DASIA AND PERISPOMENI AND PROSGEGRAMMENI |
| <y*,j> | <U1F90> | GREEK SMALL LETTER ETA WITH PSILI AND YPOGEGRAMMENI |
| <y*!j> | <U1F91> | GREEK SMALL LETTER ETA WITH DASIA AND YPOGEGRAMMENI |
| <y*!j> | <U1F92> | GREEK SMALL LETTER ETA WITH PSILI AND VARIA AND YPOGEGRAMMENI |
| <y*!j> | <U1F93> | GREEK SMALL LETTER ETA WITH DASIA AND VARIA AND YPOGEGRAMMENI |
| <y*!j> | <U1F94> | GREEK SMALL LETTER ETA WITH PSILI AND OXIA AND YPOGEGRAMMENI |
| <y*!j> | <U1F95> | GREEK SMALL LETTER ETA WITH DASIA AND OXIA AND YPOGEGRAMMENI |
| <y*!j> | <U1F96> | GREEK SMALL LETTER ETA WITH PSILI AND PERISPOMENI AND YPOGEGRAMMENI |
| <y*!j> | <U1F97> | GREEK SMALL LETTER ETA WITH DASIA AND PERISPOMENI AND YPOGEGRAMMENI |
| <y*!j> | <U1F98> | GREEK CAPITAL LETTER ETA WITH PSILI AND PROSGEGRAMMENI |
| <y*!j> | <U1F99> | GREEK CAPITAL LETTER ETA WITH DASIA AND PROSGEGRAMMENI |
| <y*!j> | <U1F9A> | GREEK CAPITAL LETTER ETA WITH PSILI AND VARIA AND PROSGEGRAMMENI |
| <y*!j> | <U1F9B> | GREEK CAPITAL LETTER ETA WITH DASIA AND VARIA AND PROSGEGRAMMENI |
| <y*!j> | <U1F9C> | GREEK CAPITAL LETTER ETA WITH PSILI AND OXIA AND PROSGEGRAMMENI |
| <y*!j> | <U1F9D> | GREEK CAPITAL LETTER ETA WITH DASIA AND OXIA AND PROSGEGRAMMENI |
| <y*!j> | <U1F9E> | GREEK CAPITAL LETTER ETA WITH PSILI AND PERISPOMENI AND PROSGEGRAMMENI |
| <y*!j> | <U1F9F> | GREEK CAPITAL LETTER ETA WITH DASIA AND PERISPOMENI AND PROSGEGRAMMENI |
| <w*,j> | <U1FA0> | GREEK SMALL LETTER OMEGA WITH PSILI AND YPOGEGRAMMENI |
| <w*!j> | <U1FA1> | GREEK SMALL LETTER OMEGA WITH DASIA AND YPOGEGRAMMENI |
| <w*!j> | <U1FA2> | GREEK SMALL LETTER OMEGA WITH PSILI AND VARIA AND YPOGEGRAMMENI |
| <w*!j> | <U1FA3> | GREEK SMALL LETTER OMEGA WITH DASIA AND VARIA AND YPOGEGRAMMENI |
| <w*!j> | <U1FA4> | GREEK SMALL LETTER OMEGA WITH PSILI AND OXIA AND YPOGEGRAMMENI |
| <w*!j> | <U1FA5> | GREEK SMALL LETTER OMEGA WITH DASIA AND OXIA AND YPOGEGRAMMENI |
| <w*!j> | <U1FA6> | GREEK SMALL LETTER OMEGA WITH PSILI AND PERISPOMENI AND YPOGEGRAMMENI |
| <w*!j> | <U1FA7> | GREEK SMALL LETTER OMEGA WITH DASIA AND PERISPOMENI AND YPOGEGRAMMENI |
| <w*!j> | <U1FA8> | GREEK CAPITAL LETTER OMEGA WITH PSILI AND PROSGEGRAMMENI |
| <w*!j> | <U1FA9> | GREEK CAPITAL LETTER OMEGA WITH DASIA AND PROSGEGRAMMENI |
| <w*!j> | <U1FAA> | GREEK CAPITAL LETTER OMEGA WITH PSILI AND VARIA AND PROSGEGRAMMENI |
| <w*!j> | <U1FAB> | GREEK CAPITAL LETTER OMEGA WITH DASIA AND VARIA AND PROSGEGRAMMENI |
| <w*!j> | <U1FAC> | GREEK CAPITAL LETTER OMEGA WITH PSILI AND OXIA AND PROSGEGRAMMENI |
| <w*!j> | <U1FAD> | GREEK CAPITAL LETTER OMEGA WITH DASIA AND OXIA AND PROSGEGRAMMENI |
| <w*!j> | <U1FAE> | GREEK CAPITAL LETTER OMEGA WITH PSILI AND PERISPOMENI AND PROSGEGRAMMENI |
| <w*!j> | <U1FAF> | GREEK CAPITAL LETTER OMEGA WITH DASIA AND PERISPOMENI AND PROSGEGRAMMENI |
| <a*(> | <U1FB0> | GREEK SMALL LETTER ALPHA WITH VRACHY |
| <a*-> | <U1FB1> | GREEK SMALL LETTER ALPHA WITH MACRON |
| <a*!j> | <U1FB2> | GREEK SMALL LETTER ALPHA WITH VARIA AND YPOGEGRAMMENI |
| <a*!j> | <U1FB3> | GREEK SMALL LETTER ALPHA WITH YPOGEGRAMMENI |
| <a*!j> | <U1FB4> | GREEK SMALL LETTER ALPHA WITH OXIA AND YPOGEGRAMMENI |
| <a*!j> | <U1FB6> | GREEK SMALL LETTER ALPHA WITH PERISPOMENI |

| | | |
|----------|---------|---|
| <a*?j> | <U1FB7> | GREEK SMALL LETTER ALPHA WITH PERISPOMENI AND YPOGEGRAMMENI |
| <A*(> | <U1FB8> | GREEK CAPITAL LETTER ALPHA WITH VRACHY |
| <A*-> | <U1FB9> | GREEK CAPITAL LETTER ALPHA WITH MACRON |
| <A*!> | <U1FBA> | GREEK CAPITAL LETTER ALPHA WITH VARIA |
| <A*!> | <U1FBB> | GREEK CAPITAL LETTER ALPHA WITH OXIA |
| <A*J> | <U1FBC> | GREEK CAPITAL LETTER ALPHA WITH PROSGEGRAMMENI |
| <)*> | <U1FBD> | GREEK KORONIS |
| <J3> | <U1FBE> | GREEK PROSGEGRAMMENI |
| <, ,> | <U1FBF> | GREEK PSILI |
| <?*> | <U1FC0> | GREEK PERISPOMENI |
| <?:> | <U1FC1> | GREEK DIALYTIKA AND PERISPOMENI |
| <y*!j> | <U1FC2> | GREEK SMALL LETTER ETA WITH VARIA AND YPOGEGRAMMENI |
| <y* j> | <U1FC3> | GREEK SMALL LETTER ETA WITH YPOGEGRAMMENI |
| <y*! j> | <U1FC4> | GREEK SMALL LETTER ETA WITH OXIA AND YPOGEGRAMMENI |
| <y*? j> | <U1FC6> | GREEK SMALL LETTER ETA WITH PERISPOMENI |
| <E*!!> | <U1FC7> | GREEK SMALL LETTER ETA WITH PERISPOMENI AND YPOGEGRAMMENI |
| <E*!> | <U1FC8> | GREEK CAPITAL LETTER EPSILON WITH VARIA |
| <Y*!> | <U1FC9> | GREEK CAPITAL LETTER EPSILON WITH OXIA |
| <Y*!> | <U1FCA> | GREEK CAPITAL LETTER ETA WITH VARIA |
| <Y*!> | <U1FCB> | GREEK CAPITAL LETTER ETA WITH OXIA |
| <Y*J> | <U1FCC> | GREEK CAPITAL LETTER ETA WITH PROSGEGRAMMENI |
| <, !> | <U1FCD> | GREEK PSILI AND VARIA |
| <, ' > | <U1FCE> | GREEK PSILI AND OXIA |
| <? ,> | <U1FCF> | GREEK PSILI AND PERISPOMENI |
| <I*(> | <U1FD0> | GREEK SMALL LETTER IOTA WITH VRACHY |
| <I*-> | <U1FD1> | GREEK SMALL LETTER IOTA WITH MACRON |
| <I*!> | <U1FD2> | GREEK SMALL LETTER IOTA WITH DIALYTIKA AND VARIA |
| <I*!> | <U1FD3> | GREEK SMALL LETTER IOTA WITH DIALYTIKA AND OXIA |
| <I*?> | <U1FD6> | GREEK SMALL LETTER IOTA WITH PERISPOMENI |
| <I*?> | <U1FD7> | GREEK SMALL LETTER IOTA WITH DIALYTIKA AND PERISPOMENI |
| <I*(> | <U1FD8> | GREEK CAPITAL LETTER IOTA WITH VRACHY |
| <I*-> | <U1FD9> | GREEK CAPITAL LETTER IOTA WITH MACRON |
| <I*!> | <U1FDA> | GREEK CAPITAL LETTER IOTA WITH VARIA |
| <I*!> | <U1FDB> | GREEK CAPITAL LETTER IOTA WITH OXIA |
| <!> | <U1FDD> | GREEK DASIA AND VARIA |
| < ,> | <U1FDE> | GREEK DASIA AND OXIA |
| <? ;> | <U1FDF> | GREEK DASIA AND PERISPOMENI |
| <U*(> | <U1FE0> | GREEK SMALL LETTER UPSILON WITH VRACHY |
| <U*-> | <U1FE1> | GREEK SMALL LETTER UPSILON WITH MACRON |
| <U*!> | <U1FE2> | GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND VARIA |
| <U*!> | <U1FE3> | GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND OXIA |
| <r* ,> | <U1FE4> | GREEK SMALL LETTER RHO WITH PSILI |
| <r* ,> | <U1FE5> | GREEK SMALL LETTER RHO WITH DASIA |
| <U*?> | <U1FE6> | GREEK SMALL LETTER UPSILON WITH PERISPOMENI |
| <U*?> | <U1FE7> | GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND PERISPOMENI |
| <U*(> | <U1FE8> | GREEK CAPITAL LETTER UPSILON WITH VRACHY |
| <U*-> | <U1FE9> | GREEK CAPITAL LETTER UPSILON WITH MACRON |
| <U*!> | <U1FEA> | GREEK CAPITAL LETTER UPSILON WITH VARIA |
| <U*!> | <U1FEB> | GREEK CAPITAL LETTER UPSILON WITH OXIA |
| <R* ,> | <U1FEC> | GREEK CAPITAL LETTER RHO WITH DASIA |
| <! :> | <U1FED> | GREEK DIALYTIKA AND VARIA |
| <! ' > | <U1FEE> | GREEK DIALYTIKA AND OXIA |
| <! * > | <U1FEF> | GREEK VARIA |
| <w*!j> | <U1FF2> | GREEK SMALL LETTER OMEGA WITH VARIA AND YPOGEGRAMMENI |
| <w* j> | <U1FF3> | GREEK SMALL LETTER OMEGA WITH YPOGEGRAMMENI |
| <w*! j> | <U1FF4> | GREEK SMALL LETTER OMEGA WITH OXIA AND YPOGEGRAMMENI |
| <w*? j> | <U1FF6> | GREEK SMALL LETTER OMEGA WITH PERISPOMENI |
| <O*!> | <U1FF7> | GREEK SMALL LETTER OMEGA WITH PERISPOMENI AND YPOGEGRAMMENI |
| <O* ,> | <U1FF8> | GREEK CAPITAL LETTER OMICRON WITH VARIA |
| <W*!> | <U1FF9> | GREEK CAPITAL LETTER OMICRON WITH OXIA |
| <W* ,> | <U1FFA> | GREEK CAPITAL LETTER OMEGA WITH VARIA |
| <W*J> | <U1FFB> | GREEK CAPITAL LETTER OMEGA WITH OXIA |
| </! * > | <U1FFC> | GREEK CAPITAL LETTER OMEGA WITH PROSGEGRAMMENI |
| < / ;> | <U1FFD> | GREEK OXIA |
| <-N> | <U1FFE> | GREEK DASIA |
| <-M> | <U2013> | EN DASH |
| <-3> | <U2014> | EM DASH |
| <=2> | <U2015> | HORIZONTAL BAR |
| < / 6> | <U2017> | DOUBLE LOW LINE |
| < / 9> | <U2018> | LEFT SINGLE QUOTATION MARK |
| < / 9> | <U2019> | RIGHT SINGLE QUOTATION MARK |
| < / 9> | <U201A> | SINGLE LOW-9 QUOTATION MARK |
| < / 9> | <U201B> | SINGLE HIGH-REVERSED-9 QUOTATION MARK |
| < / 6> | <U201C> | LEFT DOUBLE QUOTATION MARK |
| < / 9> | <U201D> | RIGHT DOUBLE QUOTATION MARK |
| < / 9> | <U201E> | DOUBLE LOW-9 QUOTATION MARK |
| < / -> | <U2020> | DAGGER |
| < / -> | <U2021> | DOUBLE DAGGER |
| <sb> | <U2022> | BULLET |
| < / 3> | <U2026> | HORIZONTAL ELLIPSIS |
| < / 8> | <U2030> | PER MILLE SIGN |
| < / 1> | <U2032> | PRIME |
| < / 2> | <U2033> | DOUBLE PRIME |
| < / 1> | <U2039> | SINGLE LEFT-POINTING ANGLE QUOTATION MARK |
| < / > 1> | <U203A> | SINGLE RIGHT-POINTING ANGLE QUOTATION MARK |
| < / * 2> | <U203C> | DOUBLE EXCLAMATION MARK |
| < / -> | <U203E> | OVERLINE |
| < / / é> | <U2044> | FRACTION SLASH |
| <E+t> | <U204A> | TIRONIAN SIGN ET |
| <nS> | <U207F> | SUPERSCRIPIT LATIN SMALL LETTER N |
| <2s> | <U2082> | SUBSCRIPT TWO |
| <Ff> | <U20A3> | FRENCH FRANC SIGN |
| | <U20A4> | LIRA SIGN |
| <Pt> | <U20A7> | PESETA SIGN |
| <Eu> | <U20AC> | EURO SIGN |
| <Drs> | <U20AF> | DRACHMA SIGN |
| <co> | <U2105> | CARE OF |
| < / . .> | <U2113> | SCRIPT SMALL L |
| <N0> | <U2116> | NUMERO SIGN |
| <TM> | <U2122> | TRADE MARK SIGN |
| <Om> | <U2126> | OHM SIGN |
| <Est> | <U212E> | ESTIMATED SYMBOL |
| <18> | <U215B> | VULGAR FRACTION ONE EIGHTH |
| <38> | <U215C> | VULGAR FRACTION THREE EIGHTHS |
| <58> | <U215D> | VULGAR FRACTION FIVE EIGHTHS |
| <78> | <U215E> | VULGAR FRACTION SEVEN EIGHTHS |
| <<-> | <U2190> | LEFTWARDS ARROW |
| <-!> | <U2191> | UPWARDS ARROW |
| <- / >> | <U2192> | RIGHTWARDS ARROW |
| <-v> | <U2193> | DOWNWARDS ARROW |

| | | |
|-------|---------|--|
| <</> | <U2194> | LEFT RIGHT ARROW |
| <UD> | <U2195> | UP DOWN ARROW |
| <UD-> | <U21A8> | UP DOWN ARROW WITH BASE |
| <FA> | <U2200> | FOR ALL |
| <dP> | <U2202> | PARTIAL DIFFERENTIAL |
| <TE> | <U2203> | THERE EXISTS |
| <DE> | <U2206> | INCREMENT |
| <(-> | <U2208> | ELEMENT OF |
| <!(-> | <U2209> | NOT AN ELEMENT OF |
| <*P> | <U220F> | N-ARY PRODUCT |
| <+Z> | <U2211> | N-ARY SUMMATION |
| <-2> | <U2212> | MINUS SIGN |
| </d> | <U2215> | DIVISION SLASH |
| <Sb> | <U2219> | BULLET OPERATOR |
| <RT> | <U221A> | SQUARE ROOT |
| <00> | <U221E> | INFINITY |
| <-L> | <U221F> | RIGHT ANGLE |
| <AN> | <U2227> | LOGICAL AND |
| <OR> | <U2228> | LOGICAL OR |
| <(U> | <U2229> | INTERSECTION |
| < U> | <U222A> | UNION |
| <In> | <U222B> | INTEGRAL |
| <?2> | <U2248> | ALMOST EQUAL TO |
| <est> | <U2259> | ESTIMATES |
| <!:=> | <U2260> | NOT EQUAL TO |
| <=3> | <U2261> | IDENTICAL TO |
| <=<< | <U2264> | LESS-THAN OR EQUAL TO |
| </>-> | <U2265> | GREATER-THAN OR EQUAL TO |
| <(C> | <U2282> | SUBSET OF |
| <)C> | <U2283> | SUPERSET OF |
| <00+> | <U2295> | CIRCLED PLUS |
| <0*> | <U2297> | CIRCLED TIMES |
| <Eh> | <U2302> | HOUSE |
| <NI> | <U2310> | REVERSED NOT SIGN |
| <Iu> | <U2320> | TOP HALF INTEGRAL |
| <Il> | <U2321> | BOTTOM HALF INTEGRAL |
| <///> | <U2329> | LEFT-POINTING ANGLE BRACKET |
| <///> | <U232A> | RIGHT-POINTING ANGLE BRACKET |
| <hh> | <U2500> | BOX DRAWINGS LIGHT HORIZONTAL |
| <vv> | <U2502> | BOX DRAWINGS LIGHT VERTICAL |
| <dr> | <U250C> | BOX DRAWINGS LIGHT DOWN AND RIGHT |
| <dl> | <U2510> | BOX DRAWINGS LIGHT DOWN AND LEFT |
| <ur> | <U2514> | BOX DRAWINGS LIGHT UP AND RIGHT |
| | <U2518> | BOX DRAWINGS LIGHT UP AND LEFT |
| <vr> | <U251C> | BOX DRAWINGS LIGHT VERTICAL AND RIGHT |
| <vl> | <U2524> | BOX DRAWINGS LIGHT VERTICAL AND LEFT |
| <dh> | <U252C> | BOX DRAWINGS LIGHT DOWN AND HORIZONTAL |
| <uh> | <U2534> | BOX DRAWINGS LIGHT UP AND HORIZONTAL |
| <vh> | <U253C> | BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL |
| <HE> | <U2550> | BOX DRAWINGS DOUBLE HORIZONTAL |
| <VV> | <U2551> | BOX DRAWINGS DOUBLE VERTICAL |
| <DR> | <U2552> | BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE |
| <Dr> | <U2553> | BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE |
| <DR> | <U2554> | BOX DRAWINGS DOUBLE DOWN AND RIGHT |
| <dL> | <U2555> | BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE |
| <DL> | <U2556> | BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE |
| <LD> | <U2557> | BOX DRAWINGS DOUBLE DOWN AND LEFT |
| <UR> | <U2558> | BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE |
| <Ur> | <U2559> | BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE |
| <UR> | <U255A> | BOX DRAWINGS DOUBLE UP AND RIGHT |
| | <U255B> | BOX DRAWINGS UP SINGLE AND LEFT DOUBLE |
| | <U255C> | BOX DRAWINGS UP DOUBLE AND LEFT SINGLE |
| | <U255D> | BOX DRAWINGS DOUBLE UP AND LEFT |
| <vR> | <U255E> | BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE |
| <vR> | <U255F> | BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE |
| <VR> | <U2560> | BOX DRAWINGS DOUBLE VERTICAL AND RIGHT |
| <vL> | <U2561> | BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE |
| <VL> | <U2562> | BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE |
| <VL> | <U2563> | BOX DRAWINGS DOUBLE VERTICAL AND LEFT |
| <dH> | <U2564> | BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE |
| <DH> | <U2565> | BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE |
| <DH> | <U2566> | BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL |
| <uH> | <U2567> | BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE |
| <UH> | <U2568> | BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE |
| <UH> | <U2569> | BOX DRAWINGS DOUBLE UP AND HORIZONTAL |
| <vH> | <U256A> | BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE |
| <Vh> | <U256B> | BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE |
| <VH> | <U256C> | BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL |
| <TB> | <U2580> | UPPER HALF BLOCK |
| <LB> | <U2584> | LOWER HALF BLOCK |
| <FB> | <U2588> | FULL BLOCK |
| <lb> | <U258C> | LEFT HALF BLOCK |
| <RB> | <U2590> | RIGHT HALF BLOCK |
| <.S> | <U2591> | LIGHT SHADE |
| <:S> | <U2592> | MEDIUM SHADE |
| <?S> | <U2593> | DARK SHADE |
| <fS> | <U25A0> | BLACK SQUARE |
| <oS> | <U25A1> | WHITE SQUARE |
| <eS> | <U25AA> | BLACK SMALL SQUARE |
| <we> | <U25AB> | WHITE SMALL SQUARE |
| <SR> | <U25AC> | BLACK RECTANGLE |
| <UT> | <U25B2> | BLACK UP-POINTING TRIANGLE |
| <PR> | <U25BA> | BLACK RIGHT-POINTING POINTER |
| <Dt> | <U25BC> | BLACK DOWN-POINTING TRIANGLE |
| <PL> | <U25C4> | BLACK LEFT-POINTING POINTER |
| <LZ> | <U25CA> | LOZENGE |
| <0m> | <U25CB> | WHITE CIRCLE |
| <0M> | <U25CF> | BLACK CIRCLE |
| <Sn> | <U25D8> | INVERSE BULLET |
| <Ic> | <U25D9> | INVERSE WHITE CIRCLE |
| <wb> | <U25E6> | WHITE BULLET |
| <0u> | <U263A> | WHITE SMILING FACE |
| <0U> | <U263B> | BLACK SMILING FACE |
| <SU> | <U263C> | WHITE SUN WITH RAYS |
| <Fm> | <U2640> | FEMALE SIGN |
| <Ml> | <U2642> | MALE SIGN |
| <cS> | <U2660> | BLACK SPADE SUIT |
| <cC> | <U2663> | BLACK CLUB SUIT |
| <cH-> | <U2665> | BLACK HEART SUIT |
| <cD-> | <U2666> | BLACK DIAMOND SUIT |

| | | |
|---------|---------|---|
| <M8> | <U266A> | EIGHTH NOTE |
| <M2> | <U266B> | BEAMED EIGHTH NOTES |
| <f1> | <UFB01> | LATIN SMALL LIGATURE FI |
| <fl> | <UFB02> | LATIN SMALL LIGATURE FL |
| <??> | <UFFFD> | REPLACEMENT CHARACTER |
| <H-> | <U0023> | NUMBER SIGN |
| <!S> | <U0024> | DOLLAR SIGN |
| <@> | <U0040> | COMMERCIAL AT |
| <Oa> | <U0040> | COMMERCIAL AT |
| <!C> | <U00A2> | CENT SIGN |
| <L-> | <U00A3> | POUND SIGN |
| <Xo> | <U00A4> | CURRENCY SIGN |
| <Y-> | <U00A5> | YEN SIGN |
| <!B> | <U00A6> | BROKEN BAR |
| <So> | <U00A7> | SECTION SIGN |
| <?!> | <U00AC> | NOT SIGN |
| <9I> | <U00B6> | PILCROW SIGN |
| <_-> | <U2500> | BOX DRAWINGS LIGHT HORIZONTAL |
| <_=> | <U2501> | BOX DRAWINGS HEAVY HORIZONTAL |
| <_!> | <U2502> | BOX DRAWINGS LIGHT VERTICAL |
| <_V/>> | <U250C> | BOX DRAWINGS LIGHT DOWN AND RIGHT |
| <_V<w> | <U2510> | BOX DRAWINGS LIGHT DOWN AND LEFT |
| <_A/>> | <U2514> | BOX DRAWINGS LIGHT UP AND RIGHT |
| <_A< | <U2518> | BOX DRAWINGS LIGHT UP AND LEFT |
| <_!/>> | <U251C> | BOX DRAWINGS LIGHT VERTICAL AND RIGHT |
| <_!< | <U2524> | BOX DRAWINGS LIGHT VERTICAL AND LEFT |
| <_V-> | <U252C> | BOX DRAWINGS LIGHT DOWN AND HORIZONTAL |
| <_A-> | <U2534> | BOX DRAWINGS LIGHT UP AND HORIZONTAL |
| <_!-> | <U253C> | BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL |
| <_/>/> | <U2571> | BOX DRAWINGS LIGHT DIAGONAL UPPER RIGHT TO LOWER LEFT |
| <_</> | <U2572> | BOX DRAWINGS LIGHT DIAGONAL UPPER LEFT TO LOWER RIGHT |
| <_./>/> | <U25E2> | BLACK LOWER RIGHT TRIANGLE |
| <_.</> | <U25E3> | BLACK LOWER LEFT TRIANGLE |
| <_d!> | <U266A> | EIGHTH NOTE |

Annex A

Comments accompanying Negative ballots

(Informative)

Comments accompanying Marc Küster's Negative ballot on thos part of the CWA:

" It is of course correct that the mnemonic identifiers and UXXXX identifiers are technically equivalent. However, since we have in the UXXX identifiers a universally accepted and identifiable notation, it would be sensible to use it and not to introduce a new notational format that is only likely to lead to confuse implementers. It might even have the detrimental effect to create an artificial demand for this non-standard notational system, a tendency many implementers in Germany would object to. For this reason, I strongly counsel against the mnemonic identifiers and equally strongly propose the use of UXXXX identifiers instead."

Comments accompanying Paul Dettmer's Negative ballot on this part of the CWA:

"Remove the mnemonic identifiers and take the UXXXX identifiers instead."

The response to both comments was:

"The workshop deemed the current style of the POSIX locales to be adequate for the purpose at hand."

End of CEN Workshop Agreement CWA 14051-2:2001