
Information technology — Universal coded character set (UCS)

AMENDMENT 1: CJK Unified Ideographs Extension H, Vithkuqi, Old Uyghur, Cypro- Minoan, and other characters

*Technologies de l'information — Jeu universel de caractères codés
(JUC)*

*AMENDEMENT 1: Supplément H aux idéogrammes unifiés CJK,
Vithkuqi, vieil-ouïghour, Chypro-minoen, et autres caractères*





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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 2, *Coded character sets*.

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Clause 2 Normative references

Update the following references:

Unicode Standard Annex, UAX #9, *The Unicode Bidirectional Algorithm*:

<https://www.unicode.org/reports/tr9/tr9-46.html>

Unicode Standard Annex, UAX #15, *Unicode Normalization Forms*:

<https://www.unicode.org/reports/tr15/tr15-53.html>

Unicode Technical Standard, UTS #37, *Ideographic Variation Database*:

<http://www.unicode.org/reports/tr37/tr37-12.html>

Unicode Standard Version 15.0, *Chapter 4, Character Properties*

<https://www.unicode.org/versions/Unicode15.0.0/ch04.pdf>

Section 4.3, Combining Classes – Normative

Section 4.5, General Category – Normative

Section 4.7, Bidi Mirrored – Normative

Unicode Standard Version 15.0, *Age Property*:

<https://www.unicode.org/Public/15.0.0/ucd/DerivedAge.txt>

Insert the new reference:

Unicode Standard Version 15.0, *Character Name Aliases*:

<https://www.unicode.org/Public/15.0.0/ucd/NameAliases.txt>

7.4 Naming of characters

In the paragraph after list item g), replace the sentence as follows:

Some characters may have one or more alternate names, called character name aliases. See 7.5.

Introduce a new sub-clause 7.5 with a new Table 2, renumbering the following tables and sub-clauses as appropriate.

7.5 Character name aliases

This document has a mechanism for the publication of additional, normative formal aliases for characters. These formal aliases are known as character name aliases. They function essentially as auxiliary names for a character. Their main usage is to provide correction for known mistakes in character names, but they have other usages such as providing string identifiers for control functions. Character name aliases are listed in the file NameAliases.txt (see Clause 2). That file also documents the ‘type’ field which distinguishes among different kinds of character name aliases, as shown in Table 2.

Table 2: Types of character name aliases

Type	Description
correction	Corrections for mistakes in the character names which cannot be fixed after publication of the standard
control	ISO/IEC 6429 names for C0 and C1 control functions, and other commonly occurring names for these control functions
alternate	Widely used alternate names for format characters
figment	Several documented labels for C1 control code points which were never actually approved in any standard
abbreviation	Commonly occurring abbreviations or acronyms for control functions, format characters, spaces and variation selectors

Character name aliases follow the same rules as character names. See Clause 27.

8 Revision and updating of the UCS

Remove the NOTE which is superseded by sub-clause 7.5.

11 UCS Encoding schemes

11.5 UTF-16

Replace the third paragraph as follows:

In the absence of signature or a higher-level protocol, the octet order of the UTF-16 encoding scheme is that the more significant octet precedes the less significant octet.

12 Use of control functions with the UCS

Replace NOTE 3 with the following text and note:

Control functions have associated string identifiers specified by the ‘control’ type in the file Name-sAliases.txt (see Clause 2). Many of these control functions have multiple identifiers based on various environments.

NOTE 3: For example, the control characters 000E and 000F are named SHIFT-OUT and SHIFT-IN respectively in a 7-bit environment and LOCKING-SHIFT ONE and LOCKING-SHIFT ZERO respectively in an 8-bit environment.

17.6 Variation selector and variation sequences

17.6.1 General

In the second paragraph, replace ‘three Mongolian Free Variation Selectors (FVS1 to FVS3)’ by ‘four Mongolian Free Variation Selectors (FVS1 to FVS4)’.

17.6.2 Standardized variations sequences

In the list item describing Mathematical symbols, remove the note and add the following sentence after ‘Mathematical symbol’:

Some variation sequences are used to describe a graphic variant while others are used to describe style variant such as Chancery style versus roundhand style.