INTERNATIONAL STANDARD

ISO/IEC

10646-1

First edition
1993-05-01

AMENDMENT 18
1999-07-15

Information technology — Universal Multiple-Octet Coded Character Set (UCS) —

Part 1:
Architecture and Basic Multilingual Plane

AMENDMENT 18: Symbols and other characters

Technologies de l'information — Jeu universel de caractères codés à plusieurs octets —

Partie 1: Architecture et table multilingue

AMENDEMENT 18: Symboles et autres caractères

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Amendment 18 to ISO/IEC 10646-1:1993 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 2, *Coded character sets*.

Information technology — Universal Multiple-Octet Coded Character Set (UCS) —

Part 1:

Architecture and Basic Multilingual Plane

AMENDMENT 18: Symbols and other characters

1. List of new character names

Insert the following character name entries at the indicated positions in the tables of character names identified below, replacing the existing entries which read "(This position shall not be used)".

Page 23.   Table 4 - Row 01: LATIN EXTENDED-B

hex	Name
F6	LATIN CAPITAL LETTER HWAIR
F7	LATIN CAPITAL LETTER WYNN
F8	LATIN CAPITAL LETTER N WITH GRAVE
F9	LATIN SMALL LETTER N WITH GRAVE

Page 25.   Table 5 - Row 02: LATIN EXTENDED-B

hex	Name
18	LATIN CAPITAL LETTER S WITH COMMA BELOW *
19	LATIN SMALL LETTER S WITH COMMA BELOW *
1A	LATIN CAPITAL LETTER T WITH COMMA BELOW *
1B	LATIN SMALL LETTER T WITH COMMA BELOW *
1C	LATIN CAPITAL LETTER YOGH
1D	LATIN SMALL LETTER YOGH

Page 37.   Table 11 - Row 04: CYRILLIC

hex	Name
00	CYRILLIC CAPITAL LETTER IE WITH GRAVE
0D	CYRILLIC CAPITAL LETTER I WITH GRAVE
50	CYRILLIC SMALL LETTER IE WITH GRAVE
5D	CYRILLIC SMALL LETTER I WITH GRAVE

Page 41.   Table 13 - Row 05: ARMENIAN

hex	Name
8A	ARMENIAN HYPHEN

Page 47.   Table 16 - Row 06: ARABIC EXTENDED

hex	Name
B8	ARABIC LETTER LAM WITH THREE DOTS BELOW
B9	ARABIC LETTER NOON WITH DOT BELOW
BF	ARABIC LETTER TCHEH WITH DOT ABOVE
CF	ARABIC LETTER WAW WITH DOT ABOVE
FA	ARABIC LETTER SHEEN WITH DOT BELOW
FB	ARABIC LETTER DAD WITH DOT BELOW
FC	ARABIC LETTER GHAIN WITH DOT BELOW
FD	ARABIC SIGN SINDHI AMPERSAND
FE	ARABIC SIGN SINDHI POSTPOSITION MEN

Page 87. Table 36 - Row 20: SUPERSCRIPTS AND SUBSCRIPTS, CURRENCY SYMBOLS

hex	Name
AC	EURO SIGN

Page 99. Table 42 - Row 23: MISCELLANEOUS TECHNICAL

hex	Name
01	ELECTRIC ARROW
7B	NOT CHECK MARK
7D	SHOULDERED OPEN BOX
7E	BELL SYMBOL
7F	VERTICAL LINE WITH MIDDLE DOT
8D	MONOSTABLE SYMBOL
8E	HYSTERESIS SYMBOL
8F	OPEN-CIRCUIT-OUTPUT H-TYPE SYMBOL
90	OPEN-CIRCUIT-OUTPUT L-TYPE SYMBOL
91	PASSIVE-PULL-DOWN-OUTPUT SYMBOL
92	PASSIVE-PULL-UP-OUTPUT SYMBOL
93	DIRECT CURRENT SYMBOL FORM TWO
94	SOFTWARE-FUNCTION SYMBOL
95	APL FUNCTIONAL SYMBOL QUAD

Page 101. Table 43 - Row 24: CONTROL PICTURES, OPTICAL CHARACTER RECOGNITION

hex   Name
26   SYMBOL FOR SUBSTITUTE FORM TWO

Page 241. Table 113 - Row FB: ALPHA PRES. FORMS, ARABIC PRES. FORMS-A

hex   Name
1D   HEBREW LETTER YOD WITH HIRIQ

Page 261. Table 123 - Row FF: HALFWIDTH AND FULLWIDTH FORMS, SPECIALS

hex   Name
FC   OBJECT REPLACEMENT CHARACTER

2. List of new graphic symbols

Insert the following graphic character symbols at the indicated positions in the tables of character glyphs identified below, replacing the existing entries which are indicated by a hatched fill.

Page 22.

Table 4 - Row 01: LATIN EXTENDED-B

01F6: Ƕ

01F7: ƿ

01F8: Ǹ

01F9: ǹ

Page 24.

Table 5 - Row 02: LATIN EXTENDED-B

0218: Ș

0219: ș

021A: Ț

021B: ț

021C: Ȝ

021D: ȝ

Page 36.

Table 11 - Row 04: CYRILLIC

0400: Ѐ

040D: Ѝ

0450: ѐ

045D: ѝ

Page 40.

Table 13 - Row 05: ARMENIAN

058A: ֊

Page 46.

Table 16 - Row 06: ARABIC EXTENDED

06B8: ڸ

06B9: ڹ

06BF: ڿ

06CF: ڏ

06FA: ثب

06FB: ض

06FC: غ

06FD: أ

06FE: م

Page 86.

Table 36 - Row 20: SUPERSCRIPTS AND SUBSCRIPTS, CURRENCY SYMBOLS

20AC: €

Page 98.

Table 42 - Row 23: MISCELLANEOUS TECHNICAL

2301: ↯

237B: ⌻

237D: ⍼

237E: ⍽

237F: ⍿

238D: ⎍

238E: ⎎

238F: ⎏

2390: ⎐

2391: ⎑

2392: ⎒

2393: ⎓

2394: ⎔

2395: ⌷

Page 100.

Table 43 - Row 24: CONTROL PICTURES, OPTICAL CHARACTER RECOGNITION

2426: ⸮

Page 240.

Table 113 - Row FB: ALPHA PRES. FORMS, ARABIC PRES. FORMS-A

FB1D: יִ

Page 260.

Table 123 - Row FF: HALFWIDTH AND FULLWIDTH FORMS, SPECIALS

FFFC: ￼

3. Pages 709 ff, Annex E Alphabetically sorted list of character names

Insert each of the character name entries from Item 1 above at the appropriate position, ordered alphabetically by the character name, in the list of character names in Annex E.

2395	APL FUNCTIONAL SYMBOL QUAD
06FB	ARABIC LETTER DAD WITH DOT BELOW
06FC	ARABIC LETTER GHAIN WITH DOT BELOW
06B8	ARABIC LETTER LAM WITH THREE DOTS BELOW
06B9	ARABIC LETTER NOON WITH DOT BELOW
06FA	ARABIC LETTER SHEEN WITH DOT BELOW
06BF	ARABIC LETTER TCHEH WITH DOT ABOVE
06CF	ARABIC LETTER WAW WITH DOT ABOVE
06FD	ARABIC SIGN SINDHI AMPERSAND
06FE	ARABIC SIGN SINDHI POSTPOSITION MEN
058A	ARMENIAN HYPHEN
237E	BELL SYMBOL
040D	CYRILLIC CAPITAL LETTER I WITH GRAVE
0400	CYRILLIC CAPITAL LETTER IE WITH GRAVE
045D	CYRILLIC SMALL LETTER I WITH GRAVE
0450	CYRILLIC SMALL LETTER IE WITH GRAVE
2393	DIRECT CURRENT SYMBOL FORM TWO
2301	ELECTRIC ARROW
20AC	EURO SIGN
FB1D	HEBREW LETTER YOD WITH HIRIQ
238E	HYSTERESIS SYMBOL
01F6	LATIN CAPITAL LETTER HWAIR
01F8	LATIN CAPITAL LETTER N WITH GRAVE
0218	LATIN CAPITAL LETTER S WITH COMMA BELOW *
021A	LATIN CAPITAL LETTER T WITH COMMA BELOW *
01F7	LATIN CAPITAL LETTER WYNN
021C	LATIN CAPITAL LETTER YOGH
01F9	LATIN SMALL LETTER N WITH GRAVE
0219	LATIN SMALL LETTER S WITH COMMA BELOW *
021B	LATIN SMALL LETTER T WITH COMMA BELOW *
021D	LATIN SMALL LETTER YOGH
238D	MONOSTABLE SYMBOL
237B	NOT CHECK MARK
FFFC	OBJECT REPLACEMENT CHARACTER
238F	OPEN-CIRCUIT-OUTPUT H-TYPE SYMBOL
2390	OPEN-CIRCUIT-OUTPUT L-TYPE SYMBOL
2391	PASSIVE-PULL-DOWN-OUTPUT SYMBOL
2392	PASSIVE-PULL-UP-OUTPUT SYMBOL
237D	SHOULDERED OPEN BOX
2394	SOFTWARE-FUNCTION SYMBOL
2426	SYMBOL FOR SUBSTITUTE FORM TWO
237F	VERTICAL LINE WITH MIDDLE DOT

4. Annex P.

Insert the following entries in Annex P.

0218 LATIN CAPITAL LETTER S WITH COMMA BELOW

This character is intended for use only in those cases where it is necessary to make a distinction from the letter with cedilla. Both forms of the letter may be found in a single document written in a single language, e.g. Romanian or Turkish.

In ISO/IEC 8859-2 only a single (8-bit) coded character is provided, LATIN CAPITAL LETTER S WITH CEDILLA, which maps to 015E in ISO/IEC 10646 by default, and may map by mutual agreement between sender and receiver to this letter with comma below. See ISO/IEC 8859-2 for further information on the use of that standard.

0219 LATIN SMALL LETTER S WITH COMMA BELOW

This character is intended for use only in those cases where it is necessary to make a distinction from the letter with cedilla. Both forms of the letter may be found in a single document written in a single language, e.g. Romanian or Turkish.

In ISO/IEC 8859-2 only a single (8-bit) coded character is provided, LATIN SMALL LETTER S WITH CEDILLA, which maps to 015F in ISO/IEC 10646 by default, and may map by mutual agreement between sender and receiver to this letter with comma below. See ISO/IEC 8859-2 for further information on the use of that standard.

021A LATIN CAPITAL LETTER T WITH COMMA BELOW

This character is intended for use only in those cases where it is necessary to make a distinction from the letter with cedilla. Both forms of the letter may be found in a single document written in a single language, e.g. Romanian.

In ISO/IEC 8859-2 only a single (8-bit) coded character is provided, LATIN CAPITAL LETTER T WITH CEDILLA, which maps to 0162 in ISO/IEC 10646 by default, and may map by mutual agreement between sender and receiver to this letter with comma below. See ISO/IEC 8859-2 for further information on the use of that standard.

021B LATIN SMALL LETTER T WITH COMMA BELOW

This character is intended for use only in those cases where it is necessary to make a distinction from the letter with cedilla. Both forms of the letter may be found in a single document written in a single language, e.g. Romanian.

In ISO/IEC 8859-2 only a single (8-bit) coded character is provided, LATIN SMALL LETTER T WITH CEDILLA, which maps to 0163 in ISO/IEC 10646 by default, and may map by mutual agreement between sender and receiver to this letter with comma below. See ISO/IEC 8859-2 for further information on the use of that standard.