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**Information technology — Universal  
Coded Character Set (UCS) —**

**AMENDMENT 1: Linear A, Palmyrene,  
Manichaean, Khojki, Khudawadi, Bassa Vah,  
Duployan, and other characters**

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(UCS)*  
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*AMENDEMENT 1: Caractères du Linéaire A, Palmyréniens,  
Manichéens, Khojki, Khudawadi, Bassa Vah, Duployé et autres*

*ISO/IEC 10646:2012/Amd 1:2013*

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## 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 JTC1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of ISO/IEC 10646 may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

This International Standard was prepared by Joint Technical Committee ISO/IEC JTC1, Information technology, Subcommittee SC 2, Coded Character sets.

Amendment 1 to ISO/IEC 10646:2012 was prepared by Joint Technical Committee ISO/IEC JTC1, *Information technology*, Subcommittee SC 2, *Coded character sets*.

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# Information technology — Universal Coded Character Set (UCS) —

## AMENDMENT 1: Linear A, Palmyrene, Manichaean, Khojki, Khudawadi, Bassa Vah, Duployan, and other characters

### Page 22, Sub-clause 16.3 Format characters

*Insert the following entry in the list of format characters:*

0605 ARABIC NUMBER MARK ABOVE  
 1BC9D DUPLOYAN THICK LETTER SELECTOR  
 1BCA0 SHORTHAND FORMAT LETTER OVERLAP  
 1BCA1 SHORTHAND FORMAT CONTINUING OVERLAP  
 1BCA2 SHORTHAND FORMAT DOWN STEP  
 1BCA3 SHORTHAND FORMAT UP STEP

### Page 41, Clause 25 Named UCS Sequence Identifiers

*Replace the third paragraph starting with "The content linked to" and following list with the following text:*

The content linked to is a plain text file, using ISO/IEC 646-IRV characters with LINE FEED as end of line mark that specifies Named UCS Sequence Identifiers. Each line in the text file contains the following information organized in two fields:

- 1st field: Name of the NUSI (following the rules given in Clause 24)
- 2nd field: The USI associated with that Name (using a modified syntax for the USI, omitting commas and angle brackets)

The two fields are delimited by a SEMICOLON (;) followed optionally by zero or more SPACE characters. Comment lines, starting with a NUMBER SIGN (#) are informational only. Comment lines and blank lines in the text file should be ignored by any automatic process which parses the data file to extract the normative list of NUSIs.

*Provide a new reference file with format changes as specified above.*

*(The following text is identical to ISO/IEC 10646: 2012 but is linked to the new file)*

[Click on this highlighted text to access the reference file.](#)

### Page 48-2180 Clause 31, Code charts and list of character names

#### 1. Modifications to existing blocks

*Insert the additional character glyphs and names at the indicated positions in the blocks given below.*

## ISO/IEC 10646:2012/Amd.1: 2013 (E)

### Plane 00

Greek and Coptic  
Armenian  
Arabic  
Arabic Extended-A  
Devanagari  
Telugu  
Kannada  
Malayalam  
Sinhala  
Limbu  
Combining Diacritical Marks Supplement  
Currency Symbols  
Miscellaneous Technical  
Dingbats  
Miscellaneous Symbols and Arrows  
Supplemental Punctuation  
Cyrillic Extended-B  
Latin Extended-D  
Combining Half Marks

### Plane 01

Old Italic  
Enclosed Alphanumeric Supplement  
Miscellaneous Symbols and Pictographs  
Emoticons  
Transport and Map Symbols

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ISO/IEC 10646:2012/Amd 1:2013

These blocks contain new characters and names at the following code points:

037F 058D-058E 0605 08A1 08AD-08B1 08FF 0978 0C00 0C81 0D01 0DE6-0DEF 191D-191E  
1DE7-1DF4 20BA 23F4-23FA 2700 2B4D-2B4F 2B5A-2B73 2B76-2B95 2B98-2BB9 2BBD-2BC8  
2BCA-2BD1 2E3C-2E42 A698-A69D A794-A795 A798-A79F FE27-FE2D 1031F 1F10B-1F10C  
1F321-1F32C 1F336 1F394-1F395 1F397 1F39C-1F39D 1F3F1-1F3F6 1F441 1F53E-1F53F  
1F544-1F54A 1F568-1F56A 1F56D-1F56F 1F571 1F577-1F578 1F57B 1F57D-1F57F 1F582-  
1F587 1F589-1F593 1F597-1F5A3 1F5A5-1F5BB 1F5BF-1F5C1 1F5C4-1F5D1 1F5D4-1F5DB  
1F5F4-1F5FA 1F641-1F642 1F6C8-1F6CA 1F6E0

updated graphic symbols at the following code points:

21E6-21F0 21F3 2B00-2B0D 1F3C6 1F3CA 1F4D6 1F4EA-1F4ED 1F507-1F50A 1F68D 1F6B9-  
1F6BB

and new character name alias for 0709 SYRIAC SUBLINEAR COLON SKEWED RIGHT:

※ SYRIAC SUBLINEAR COLON SKEWED LEFT

## 2. New blocks

Insert the following additional blocks.

### Plane 00

Combining Diacritical Marks Extended  
Myanmar Extended-B

*Latin Extended-E*

*Plane 01*

*Coptic Epact Numbers*

*Elbasan*

*Linear A*

*Palmyrene*

*Nabataean*

*Old North Arabian*

*Manichaean*

*Sinhala Archaic Numbers*

*Khojki*

*Khudawadi*

*Tirhuta*

*Pau Cin Hau*

*Mro*

*Bassa Vah*

*Duployan*

*Shorthand Format Controls*

*Ornamental Dingbats*

*Geometric Shapes Extended*

*Supplemental Arrows-C*

*These blocks add new characters and names at the following code points:*

1AB0-1ABE A9E0-A9E6 AB30-AB5F 102E0-102FB 10500-10527 10600-10736 10740-10755  
 10760-10767 10860-1087F 10880-1089E 108A7-108AF 10A80-10A9F 10AC0-10AE6 10AEB-  
 10AF6 111E1-111F4 11200-11211 11213-1123D 112B0-112EA 112F0-112F9 11480-114C7  
 114D0-114D9 11AC0-11AF8 16A40-16A5E 16A60-16A69 16A6E-16A6F 16AD0-16AED 16AF0-  
 16AF5 1BC00-1BC6A 1BC70-1BC7C 1BC80-1BC88 1BC90-1BC99 1BC9C-1BC9F 1BCA0-  
 1BCA3 1F650-1F67F 1F780-1F7D4 1F800-1F80B 1F810-1F847 1F850-1F859 1F860-1F887  
 1F890-1F8AD

## Page 2181, Annex A.1

*Add a ‘\*’ (for fixed collection) for the following collections:*

16 DEVANAGARI

48 DINGBATS

## Page 2182, Annex A.1

*In the list of collection numbers and names, after*

162 MEETEI MAYEK EXTENSIONS

*insert new entries as follows:*

163 COMBINING DIACRITICAL MARKS EXTENDED	1AB0-1AFF
164 MYANMAR EXTENDED-B	A9E0-A9FF
165 LATIN EXTENDED-E	AB30-ABBF

*after*

1056 ARABIC MATHEMATICAL ALPHABETICAL SYMBOLS

## ISO/IEC 10646:2012/Amd.1: 2013 (E)

*insert new entries as follows:*

1057 COPTIC EPACT NUMBERS	102E0-102FF
1058 ELBASAN	10500-1052F
1059 LINEAR A	10600-1077F
1060 PALMYRENE	10860-1087F *
1061 NABATAEAN	10880-108AF
1062 OLD NORTH ARABIAN	10A80-10A9F *
1063 MANICHAEAN	10ACO-10AFF
1064 SINHALA ARCHAIC NUMBERS	111E0-111FF
1065 KHOJKI	11200-1124F
1066 KHUDAWADI	112B0-112FF
1067 TIRHUTA	11480-114DF
1068 PAU CIN HAU	11AC0-11AFF
1069 MRO	16A40-16A6F
1070 BASSA VAH	16AD0-16AFF
1071 DUPLOYAN	1BC00-1BC9F
1072 SHORTHAND FORMAT CONTROLS	1BCA0-1BCAF
1073 ORNAMENTAL DINGBATS	1F650-1F67F *
1074 GEOMETRIC SHAPES EXTENDED	1F780-1F7FF
1075 SUPPLEMENTAL ARROWS-C	1F800-1F8FF

### Page 2185, annex A.1

*In the alphabetical list of keywords in Note 3, add collection “1075” to the entry “Arrows”, “1057” to the entry “Coptic”, “163” to the entry “Diacritical marks”, “1072” to the entry “Format”, “1074” to the entry “Geometric shapes”, “165” to the entry “Latin”, “164” to the entry “Myanmar”, “1064” to the entry “Sinhala”, and “1073” to the entry “Dingbats”.*

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*In the alphabetical list of keywords in Note 3, insert the following entries:*

Bassa Vah	1070
Duployan	1071
Elbasan	1058
Khojki	1065
Khudawadi	1066
Linear A	1059
Manichaeon	1063
Mro	1069
Nabataean	1061
Old North Arabian	1062
Palmyrene	1060
Pau Cin Hau	1068
Tirhuta	1067

### Page 2186, Annex A.2.1

*In the list of blocks in the BMP, insert the following new entry:*

COMBINING DIACRITICAL MARKS	1AB0-1AFF
MYAMAR EXTENDED-B	A9E0-A9FF
LATIN EXTENDED-E	AB30-ABBF

### Page 2188, Annex A.2.2

*In the list of blocks in the SMP, insert the following new entries:*



COPTIC EPACT NUMBERS	102E0-102FF
ELBASAN	10500-1052F
LINEAR A	10600-1077F
PALMYRENE	10860-1087F
NABATAEAN	10880-108AF
OLD NORTH ARABIAN	10A80-10A9F
MANICHAEAN	10AC0-10AFF
SINHALA ARCHAIC NUMBERS	111E0-111FF
KHOJKI	11200-1124F
KHUDAWADI	112B0-112FF
TIRHUTA	11480-114DF
PAU CIN HAU	11AC0-11AFF
MRO	16A40-16A6F
BASSA VAH	16AD0-16AFF
DUPLOYAN	1BC00-1BC9F
SHORTHAND FORMAT CONTROLS	1BCA0-1BCAF
ORNAMENTAL DINGBATS	1F650-1F67F
GEOMETRIC SHAPES EXTENDED	1F780-1F7FF
SUPPLEMENTAL ARROWS-C	1F800-1F8FF

## Page 2211, Annex F Format characters

*Insert the new sub-clause after F.2.4*

### F.2.5 Duployan thick letter selector

**DUPLOYAN THICK LETTER SELECTOR** (1BC9D): This character causes the previous Duployan character to be rendered as a thick or bold variant.

*Insert the new sub-clauses after F.4 and renumber existing F.5, F.6, and F.7, and their sub-clauses accordingly.*

### F.5 Supertending format character

The following character is used to supertend a sequence of subsequent characters:

0605 ARABIC NUMBER MARK ABOVE

The scope of this character is the subsequent sequence of Coptic Epact digits (102E1-102E9) and Coptic Epact numbers (102EA-102FB).

### F.6 Shorthand overlapping format characters

The use of overlapping letters to indicate abbreviations and initialisms is found in many shorthand systems. The following two characters are used to control such overlap.

**SHORTHAND FORMAT LETTER OVERLAP** (1BCA0): This character indicates a single letter overlap, with the text continuing to flow as if that overlapping character did not exist.

**SHORTHAND FORMAT CONTINUING OVERLAP** (1BCA1): This character indicates a continuing overlap where the text flow proceeds from the overlapping character.

### F.7 Shorthand down and up step format characters

In some shorthand systems certain set of word endings are indicated by letters following not in the default direction of text flow - to the right, but above or below the word. The following two characters are used to control such behaviours.

**SHORTHAND FORMAT DOWN STEP** (1BCA2): This character indicates that a following character should be rendered below the previous character, with any subsequent joined characters proceeding relative to the lowered glyph. . At word boundaries, this causes the next word (or stenographic period) to be lowered.

**ISO/IEC 10646:2012/Amd.1: 2013 (E)**

**SHORTHAND FORMAT UP STEP** (1BCA3): This character indicates that a following word (or stenographic period) to be raised.

**Page 1379, Annex G**

*Insert each of the new character name entries at the appropriate position, ordered alphabetically by the character name, in the list of character names in Annex G. These new names are provided in a machine-readable format that is accessible as a link to this document.*

[Click on this highlighted text to access the file containing the new names.](#)

*NOTE – The content is also available as a separate viewable file in the same file directory as this document. The file is named: “Am1names.txt”.*

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	037	038	039	03A	03B	03C	03D	03E	03F
0	Ϝ 0370		ί 0390	Π 03A0	Ϛ 03B0	π 03C0	ϛ 03D0	Ϝ 03E0	κ 03F0
1	ϝ 0371		Α 0391	Ρ 03A1	α 03B1	ρ 03C1	ϝ 03D1	ϝ 03E1	ϙ 03F1
2	Ϟ 0372		Β 0392		β 03B2	ς 03C2	Υ 03D2	Ω 03E2	Ϙ 03F2
3	ϟ 0373		Γ 0393	Σ 03A3	γ 03B3	σ 03C3	Ϛ 03D3	ω 03E3	ι 03F3
4	Ϡ 0374	Ϡ 0384	Δ 0394	Τ 03A4	δ 03B4	τ 03C4	ϛ 03D4	ϙ 03E4	Θ 03F4
5	ϡ 0375	ϡ 0385	Ε 0395	Υ 03A5	ε 03B5	υ 03C5	Ϝ 03D5	ϙ 03E5	€ 03F5
6	Ϣ 0376	Α 0386	Ζ 0396	Φ 03A6	ζ 03B6	φ 03C6	Ϟ 03D6	ϛ 03E6	ϙ 03F6
7	ϣ 0377	· 0387	Η 0397	Χ 03A7	η 03B7	χ 03C7	ϝ 03D7	ϛ 03E7	Ϟ 03F7
8		Ε 0388	Θ 0398	Ψ 03A8	θ 03B8	ψ 03C8	ϙ 03D8	ϙ 03E8	ϛ 03F8
9		Ϟ 0389	Ι 0399	Ω 03A9	ι 03B9	ω 03C9	ϙ 03D9	ϙ 03E9	Ϙ 03F9
A	ϣ 037A	Ι 038A	Κ 039A	Ï 03AA	κ 03BA	ï 03CA	ϙ 03DA	Ϟ 03EA	Μ 03FA
B	ϣ 037B		Λ 039B	ÿ 03AB	λ 03BB	ÿ 03CB	ς 03DB	Ϟ 03EB	Ϟ 03FB
C	ϣ 037C	Ο 038C	Μ 039C	ά 03AC	μ 03BC	ό 03CC	Ϟ 03DC	ϛ 03EC	ρ 03FC
D	ϣ 037D		Ν 039D	έ 03AD	ν 03BD	ύ 03CD	Ϟ 03DD	ϛ 03ED	ϙ 03FD
E	ϣ 037E	Υ 038E	Ξ 039E	ή 03AE	ξ 03BE	ώ 03CE	ϙ 03DE	† 03EE	ϙ 03FE
F	ϣ 037F	Ω 038F	Ο 039F	ί 03AF	ο 03BF	ϙ 03CF	ϙ 03DF	† 03EF	ϙ 03FF

**Archaic letters**

- 0370 Η GREEK CAPITAL LETTER HETA  
→ 2C75 H latin capital letter half h
- 0371 η GREEK SMALL LETTER HETA  
→ 2C76 h latin small letter half h
- 0372 Ϝ GREEK CAPITAL LETTER ARCHAIC SAMPI
- 0373 ϝ GREEK SMALL LETTER ARCHAIC SAMPI

**Numeral signs**

- 0374 Ϛ GREEK NUMERAL SIGN  
= dexia keraia  
• indicates numeric use of letters  
→ 02CA Ϛ modifier letter acute accent  
≡ 02B9 Ϛ modifier letter prime
- 0375 ϛ GREEK LOWER NUMERAL SIGN  
= aristeri keraia  
• indicates numeric use of letters  
→ 02CF ϛ modifier letter low acute accent

**Archaic letters**

- 0376 Ϙ GREEK CAPITAL LETTER PAMPHYLIAN DIGAMMA
- 0377 ϙ GREEK SMALL LETTER PAMPHYLIAN DIGAMMA

**Iota subscript**

- 037A Ϙ GREEK YPOGEGRAMMENI  
= iota subscript  
→ 0345 Ϙ combining greek ypogegrammeni  
≈ 0020 Ϙ 0345 Ϙ

**Lowercase of editorial symbols**

- 037B Ϙ GREEK SMALL REVERSED LUNATE SIGMA SYMBOL
- 037C Ϙ GREEK SMALL DOTTED LUNATE SIGMA SYMBOL
- 037D Ϙ GREEK SMALL REVERSED DOTTED LUNATE SIGMA SYMBOL

**Punctuation**

- 037E ; GREEK QUESTION MARK  
= erotimatiko  
• sentence-final punctuation  
• 003B ; is the preferred character  
→ 003F ? question mark  
≡ 003B ; semicolon

**Additional letter**

- 037F J GREEK CAPITAL LETTER YOT  
• lowercase is 03F3 j

**Spacing accent marks**

- 0384 Ϛ GREEK TONOS  
→ 00B4 Ϛ acute accent  
→ 030D Ϛ combining vertical line above  
≈ 0020 Ϛ 0301 Ϛ
- 0385 Ϛ GREEK DIALYTIKA TONOS  
≡ 00A8 Ϛ 0301 Ϛ

**Letter**

- 0386 Α GREEK CAPITAL LETTER ALPHA WITH TONOS  
≡ 0391 Α 0301 Ϛ

**Punctuation**

- 0387 Ϛ GREEK ANO TELEIA  
• functions in Greek like a semicolon  
• 00B7 Ϛ is the preferred character  
≡ 00B7 Ϛ middle dot

**Letters**

- 0388 Ε GREEK CAPITAL LETTER EPSILON WITH TONOS  
≡ 0395 Ε 0301 Ϛ
- 0389 Η GREEK CAPITAL LETTER ETA WITH TONOS  
≡ 0397 Η 0301 Ϛ
- 038A Ι GREEK CAPITAL LETTER IOTA WITH TONOS  
≡ 0399 Ι 0301 Ϛ
- 038B Ϛ <reserved>
- 038C Ο GREEK CAPITAL LETTER OMICRON WITH TONOS  
≡ 039F Ο 0301 Ϛ
- 038D Ϛ <reserved>
- 038E Υ GREEK CAPITAL LETTER UPSILON WITH TONOS  
≡ 03A5 Υ 0301 Ϛ
- 038F Ω GREEK CAPITAL LETTER OMEGA WITH TONOS  
≡ 03A9 Ω 0301 Ϛ
- 0390 Ϛ GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS  
≡ 03CA Ϛ 0301 Ϛ
- 0391 Α GREEK CAPITAL LETTER ALPHA
- 0392 Β GREEK CAPITAL LETTER BETA
- 0393 Γ GREEK CAPITAL LETTER GAMMA  
= gamma function  
→ 213E Γ double-struck capital gamma
- 0394 Δ GREEK CAPITAL LETTER DELTA  
→ 2206 Δ increment
- 0395 Ε GREEK CAPITAL LETTER EPSILON
- 0396 Ζ GREEK CAPITAL LETTER ZETA
- 0397 Η GREEK CAPITAL LETTER ETA
- 0398 Θ GREEK CAPITAL LETTER THETA
- 0399 Ι GREEK CAPITAL LETTER IOTA  
= iota subscript
- 039A Κ GREEK CAPITAL LETTER KAPPA
- 039B Λ GREEK CAPITAL LETTER LAMDA
- 039C Μ GREEK CAPITAL LETTER MU
- 039D Ν GREEK CAPITAL LETTER NU
- 039E Ξ GREEK CAPITAL LETTER XI
- 039F Ο GREEK CAPITAL LETTER OMICRON
- 03A0 Π GREEK CAPITAL LETTER PI  
→ 213F Π double-struck capital pi  
→ 220F Π n-ary product
- 03A1 Ρ GREEK CAPITAL LETTER RHO
- 03A2 Ϛ <reserved>
- 03A3 Σ GREEK CAPITAL LETTER SIGMA  
→ 01A9 Σ latin capital letter esh  
→ 2211 Σ n-ary summation
- 03A4 Τ GREEK CAPITAL LETTER TAU
- 03A5 Υ GREEK CAPITAL LETTER UPSILON
- 03A6 Φ GREEK CAPITAL LETTER PHI
- 03A7 Χ GREEK CAPITAL LETTER CHI
- 03A8 Ψ GREEK CAPITAL LETTER PSI
- 03A9 Ω GREEK CAPITAL LETTER OMEGA  
→ 2126 Ω ohm sign  
→ 2127 Ω inverted ohm sign
- 03AA Ϛ GREEK CAPITAL LETTER IOTA WITH DIALYTIKA  
≡ 0399 Ι 0308 Ϛ
- 03AB Υ GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA  
≡ 03A5 Υ 0308 Ϛ
- 03AC α GREEK SMALL LETTER ALPHA WITH TONOS  
≡ 03B1 α 0301 Ϛ

03AD	έ	GREEK SMALL LETTER EPSILON WITH TONOS ≡ 03B5 ε 0301 ó	03CA	ϊ	GREEK SMALL LETTER IOTA WITH DIALYTIKA ≡ 03B9 ι 0308 ö
03AE	ή	GREEK SMALL LETTER ETA WITH TONOS ≡ 03B7 η 0301 ó	03CB	ϋ	GREEK SMALL LETTER UPSILON WITH DIALYTIKA ≡ 03C5 υ 0308 ö
03AF	ί	GREEK SMALL LETTER IOTA WITH TONOS ≡ 03B9 ι 0301 ó	03CC	ό	GREEK SMALL LETTER OMICRON WITH TONOS ≡ 03BF ο 0301 ó
03B0	ύ	GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS ≡ 03CB ϋ 0301 ó	03CD	ύ	GREEK SMALL LETTER UPSILON WITH TONOS ≡ 03C5 υ 0301 ó
03B1	α	GREEK SMALL LETTER ALPHA → 0251 α latin small letter alpha → 221D ∝ proportional to	03CE	ώ	GREEK SMALL LETTER OMEGA WITH TONOS ≡ 03C9 ω 0301 ó
03B2	β	GREEK SMALL LETTER BETA → 00DF ß latin small letter sharp s → 0180 ʙ latin small letter b with stroke	<b>Variant letterforms</b>		
03B3	γ	GREEK SMALL LETTER GAMMA → 0263 γ latin small letter gamma → 213D γ double-struck small gamma	03CF	Ϛ	GREEK CAPITAL KAI SYMBOL → 03D7 ϛ greek kai symbol
03B4	δ	GREEK SMALL LETTER DELTA	03D0	ϛ	GREEK BETA SYMBOL = curled beta ≈ 03B2 β greek small letter beta
03B5	ε	GREEK SMALL LETTER EPSILON → 025B ε latin small letter open e	03D1	Ϝ	GREEK THETA SYMBOL = script theta • used as a technical symbol ≈ 03B8 θ greek small letter theta
03B6	ζ	GREEK SMALL LETTER ZETA	03D2	Ϛ	GREEK UPSILON WITH HOOK SYMBOL ≈ 03A5 Υ greek capital letter upsilon
03B7	η	GREEK SMALL LETTER ETA	03D3	ϛ	GREEK UPSILON WITH ACUTE AND HOOK SYMBOL ≡ 03D2 Ϛ 0301 ó
03B8	θ	GREEK SMALL LETTER THETA → 0275 ø latin small letter barred o → 0473 Ө cyrillic small letter fita	03D4	Ϛ	GREEK UPSILON WITH DIAERESIS AND HOOK SYMBOL ≡ 03D2 Ϛ 0308 ö
03B9	ι	GREEK SMALL LETTER IOTA → 0269 ι latin small letter iota → 2129 ϣ turned greek small letter iota	03D5	φ	GREEK PHI SYMBOL • used as a technical symbol, with a stroked glyph • maps to “phi1” symbol entities ≈ 03C6 ϕ greek small letter phi
03BA	κ	GREEK SMALL LETTER KAPPA	03D6	ω	GREEK PI SYMBOL = omega pi • used as a technical symbol • a variant of pi, looking like omega ≈ 03C0 π greek small letter pi
03BB	λ	GREEK SMALL LETTER LAMDA = lambda	03D7	Ϛ	GREEK KAI SYMBOL • used as an ampersand → 2CE4 Ϛ coptic symbol kai
03BC	μ	GREEK SMALL LETTER MU → 00B5 μ micro sign	<b>Archaic letters</b>		
03BD	ν	GREEK SMALL LETTER NU	03D8	Ϟ	GREEK LETTER ARCHAIC KOPPA
03BE	ξ	GREEK SMALL LETTER XI	03D9	ϟ	GREEK SMALL LETTER ARCHAIC KOPPA • the Q-shaped archaic koppas are the ordinary alphabetic letters and can also be used as symbols with a numeric value of 90 in classical and pre-classical texts
03BF	ο	GREEK SMALL LETTER OMICRON	03DA	Ϛ	GREEK LETTER STIGMA • apparently in origin a cursive form of digamma • the name “stigma” originally applied to a medieval sigma-tau ligature, whose shape was confusably similar to the cursive digamma • used as a symbol with a numeric value of 6 → 2185 Ϛ roman numeral six late form
03C0	π	GREEK SMALL LETTER PI • math constant 3.141592...	03DB	ς	GREEK SMALL LETTER STIGMA → 03C2 Ϛ greek small letter final sigma
03C1	ρ	GREEK SMALL LETTER RHO	03DC	Ϛ	GREEK LETTER DIGAMMA
03C2	ς	GREEK SMALL LETTER FINAL SIGMA = stigma (the Modern Greek name for this letterform) • not to be confused with the actual stigma letter → 03DB Ϛ greek small letter stigma	03DD	Ϛ	GREEK SMALL LETTER DIGAMMA • used as a symbol with a numeric value of 6
03C3	σ	GREEK SMALL LETTER SIGMA • used symbolically with a numeric value 200	03DE	Ϛ	GREEK LETTER KOPPA
03C4	τ	GREEK SMALL LETTER TAU			
03C5	υ	GREEK SMALL LETTER UPSILON → 028A υ latin small letter upsilon → 028B υ latin small letter v with hook			
03C6	φ	GREEK SMALL LETTER PHI → 0278 ϕ latin small letter phi → 03D5 ϕ greek phi symbol • the ordinary Greek letter, showing considerable glyph variation • in mathematical contexts, the loopy glyph is preferred, to contrast with 03D5 ϕ			
03C7	χ	GREEK SMALL LETTER CHI → AB53 χ latin small letter chi			
03C8	ψ	GREEK SMALL LETTER PSI			
03C9	ω	GREEK SMALL LETTER OMEGA			

- 03DF Ϸ GREEK SMALL LETTER KOPPA  
 • used in modern Greek as a symbol with a numeric value of 90, as in the dating of legal documentation
- 03E0 Ϸ̄ GREEK LETTER SAMPI
- 03E1 Ϸ̅ GREEK SMALL LETTER SAMPI  
 • used as a symbol with a numeric value of 900

**Coptic letters derived from Demotic**

*For other Coptic letters see the Coptic Block.*

- 03E2 Ⲁ COPTIC CAPITAL LETTER SHEI
- 03E3 ⲁ COPTIC SMALL LETTER SHEI
- 03E4 Ⲃ COPTIC CAPITAL LETTER FEI
- 03E5 ⲃ COPTIC SMALL LETTER FEI
- 03E6 Ⲅ COPTIC CAPITAL LETTER KHEI
- 03E7 ⲅ COPTIC SMALL LETTER KHEI
- 03E8 Ⲇ COPTIC CAPITAL LETTER HORI
- 03E9 ⲇ COPTIC SMALL LETTER HORI
- 03EA Ⲉ COPTIC CAPITAL LETTER GANGIA
- 03EB ⲉ COPTIC SMALL LETTER GANGIA
- 03EC Ⲋ COPTIC CAPITAL LETTER SHIMA
- 03ED ⲋ COPTIC SMALL LETTER SHIMA
- 03EE Ⲍ COPTIC CAPITAL LETTER DEI
- 03EF ⲍ COPTIC SMALL LETTER DEI

**Variant letterforms**

- 03F0 κ GREEK KAPPA SYMBOL  
 = script kappa  
 • used as technical symbol  
 ≈ 03BA κ greek small letter kappa
- 03F1 ϱ GREEK RHO SYMBOL  
 = tailed rho  
 • used as technical symbol  
 ≈ 03C1 ϱ greek small letter rho
- 03F2 ϳ GREEK LUNATE SIGMA SYMBOL  
 = greek small letter lunate sigma (1.0)  
 ≈ 03C2 ϳ greek small letter final sigma

**Additional letter**

- 03F3 j GREEK LETTER YOT  
 • uppercase is 037F J

**Variant letterforms and symbols**

- 03F4 Θ GREEK CAPITAL THETA SYMBOL  
 → 0472 Θ cyrillic capital letter fita  
 ≈ 0398 Θ greek capital letter theta
- 03F5 ε GREEK LUNATE EPSILON SYMBOL  
 = straight epsilon  
 → 220A ε small element of  
 ≈ 03B5 ε greek small letter epsilon
- 03F6 Ϸ̅ GREEK REVERSED LUNATE EPSILON SYMBOL  
 = reversed straight epsilon  
 → 220D Ϸ̅ small contains as member

**Additional archaic letters for Bactrian**

- 03F7 ⱪ GREEK CAPITAL LETTER SHO
- 03F8 Ⱪ GREEK SMALL LETTER SHO

**Variant letterform**

- 03F9 C GREEK CAPITAL LUNATE SIGMA SYMBOL  
 ≈ 03A3 Σ greek capital letter sigma

**Archaic letters**

- 03FA Μ GREEK CAPITAL LETTER SAN
- 03FB Ϻ GREEK SMALL LETTER SAN

**Symbol**

- 03FC ϱ GREEK RHO WITH STROKE SYMBOL  
 • used with abbreviations containing 03C1 ϱ


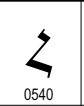







**Editorial symbols**

- 03FD ϳ̅ GREEK CAPITAL REVERSED LUNATE SIGMA SYMBOL  
 = antisigma
- 03FE ϳ̅̄ GREEK CAPITAL DOTTED LUNATE SIGMA SYMBOL  
 = sigma periestigmenon
- 03FF ϳ̅̄̄ GREEK CAPITAL REVERSED DOTTED LUNATE SIGMA SYMBOL  
 = antisigma periestigmenon

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	053	054	055	056	057	058
0		Հ 0540	Ր 0550		Տ 0570	Ր 0580
1	Ա 0531	Զ 0541	Յ 0551	Մ 0561	Ճ 0571	Գ 0581
2	Բ 0532	Ղ 0542	Ի 0552	Բ 0562	Ղ 0572	Լ 0582
3	Գ 0533	Ճ 0543	Փ 0553	Գ 0563	Ճ 0573	Փ 0583
4	Դ 0534	Մ 0544	Ք 0554	Դ 0564	Մ 0574	Ք 0584
5	Ե 0535	Յ 0545	Օ 0555	Ե 0565	Ե 0575	Օ 0585
6	Զ 0536	Ը 0546	Ֆ 0556	Զ 0566	Ը 0576	Ֆ 0586
7	Է 0537	Շ 0547		Է 0567	Շ 0577	Լ 0587
8	Ը 0538	Ո 0548		Ը 0568	Ո 0578	
9	Թ 0539	Չ 0549	Ս 0559	Թ 0569	Չ 0579	Ս 0589
A	Ժ 053A	Պ 054A	Վ 055A	Ժ 056A	Պ 057A	Վ 058A
B	Ի 053B	Ջ 054B	Վ 055B	Ի 056B	Ջ 057B	
C	Լ 053C	Դ 054C	Ն 055C	Լ 056C	Դ 057C	
D	Խ 053D	Ս 054D	Վ 055D	Խ 056D	Ս 057D	
E	Ծ 053E	Վ 054E	Ն 055E	Ծ 056E	Վ 057E	
F	Կ 053F	Տ 054F	Վ 055F	Կ 056F	Տ 057F	Տ 058F

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