

## **Title: Characters approved by WG2 for PDAM 1 of ISO/IEC 10646**

**Date: 2003-10-22**

**N2676**

Status: contributing editor's summary of accepted character proposals, input document for PDAM document

Action: for review by WG2 and other experts prior to publication of PDAM

Distribution: WG2 delegates and experts

Replaces: N2623R

### **Status**

The characters presented in this document have been reviewed by SC2/WG2 and have been approved for addition to the PDAM document with code positions and character names as shown in this document. The WG document number for all proposals has been provided for reference.

Most of the characters presented in this document have been reviewed by the Unicode Technical Committee — where they have been approved by UTC for addition to a future version of the Unicode Standard, that information is presented in a marginal note. A series of \$\$\$\$ indicates the presence of an issue that needs to be resolved as part of synchronization.

### **Manner of Presentation**

The characters have been presented in the same style that would be used for publishing the Unicode Standard, with the addition of marginal notes documenting the source of the characters. This was done deliberately in order to be able to document some of the draft annotations for the reviewers.

The character names and code points shown are the ones that will be used in the PDAM, with exception of any ISO character name comments and Annex P annotation '\*', which are suppressed in this style of presentation. Where such omission occurs, it has been noted in an annotation.

Unlike the presentation style to be used for the actual PDAM, but like document N2623R which this document replaces, the new characters are not shown in the context of the existing characters. The existing characters will be shown in the actual PDAM document. The occasional use of the word <reserved> in this draft is an artifact of the production process and should be ignored.

### **Note to Reviewers**

Please review that this document accurately reflects the decisions taken at meeting M44, and if possible, alert the contributing editors to any discrepancies before the PDAM gets issued.

### **Contents**

This document lists 810 characters. The following list shows all 32 blocks to which characters will be added. Entirely new blocks are indicated with a \*

#### **0180-024F Latin Extended-B**

See documents N2590 and N2645

#### **0300-036F Combining Diacritical Marks**

See documents N2524, N2590, N2594, N2597, N2612-4, N2630

#### **0370-03FF Greek and Coptic**

See documents N2612-5 and N2642

#### **0400-04FF Cyrillic**

See document N2560

#### **0600-06FF Arabic**

See documents N2581R2, N2598 and N2640

#### **0750-077F Arabic Supplement \***

See documents N2598 and N2627

#### **0900-097F Devanagari**

See document N2543

#### **0B80-0BFF Tamil**

See documents N2617 and N2618

**10A0-10FF Georgian**

See document N2608R2

**1980-19DF Tai Lue \***

See documents N2634, N2660, N2665 and N2671

**1A00-1A1F Buginese \***

See document N2588 (a different proposal for the same script exists under the name Lontara, see N2633)

**1D00-1D7F Phonetic Extensions**

See documents N2608R2 and N2632

**1DC0-1DFF Combining Diacritical Marks Supplement \***

See document N2642

**2000-206F General Punctuation**

See document N2610R, N2591, N2612-7 and N2655

**20A0-20CF Currency Symbols**

See document N2579

**20D0-20FF Combining Diacritical Marks for Symbols**

See document N2590

**2100-214F Letterlike Symbols**

See document N2590

**2300-23FF Miscellaneous Technical**

See document N2542

**2600-26FF Miscellaneous Symbols**

See documents N2546, N2586RR, N2663 and N2655

**27C0-27FF Miscellaneous Mathematical Symbols-A**

See documents N2590 and N2612-6

**2B00-2BFF Miscellaneous Symbols and Arrows**

See document N2629

**2C00-2C5F Glagolitic \***

See document N2610R

**2C80-2CBF Coptic \***

See document N2636

**2D00-2D2F Georgian Supplement \***

See document N2608R2

**2E00-2E7F Supplemental Punctuation \***

See documents N2612-1, N2612-7 and N2642

**A800-A82F Syloti Nagri \***

See documents N2591 and N2592

**A840-A87F Phags-pa \***

See document N2622

**10140-1018F Ancient Greek Numbers \***

See documents N2612-2 and N2612-3

**103A0-103DF Old Persian \***

See document N2583R

**10A00-10A5F Kharoshthi \***

See document N2524

**1D200-1D24F Ancient Greek Musical Notation \***

See document N2547

**1D400-1D7FF Mathematical Alphanumeric Symbols**





See document N2590

	018	019	01A	01B	01C	01D	01E	01F	020	021	022	023	024
0													
1													
2													
3													
4													
5													
6													
7												J 0237	
8												th 0238	
9													
A													
B													
C													
D													
E													
F													

UTC: 2003-Jun-12  
WG2: 2003-Oct-20  
document: N2590  
contact: Freytag  
font: UtopiaGlyphsL

UTC: 2003-Jun-12  
WG2: 2003-Oct-22  
document: N2645  
contact: Davis/McGowan  
font: UtopiaGlyphsL

- 0237 j LATIN SMALL LETTER DOTLESS J  
→ 1D6A5 *j* mathematical small dotless j
- 0238 ~~th~~ LATIN SMALL LETTER TH WITH  
STRIKETHROUGH

	030	031	032	033	034	035	036
0							
1							
2							
3							
4							
5							
6							
7							
8							
9						 0359	
A						 035A	
B						 035B	
C						 035C	
D							
E							
F							

## Additions

UTC: 2003-Jun-12  
 WG2: 2003-Oct-20  
 document: N2612-4  
 contact: TLG  
 font: TLG Post 4-0 [035A]

0359 ◌\* COMBINING ASTERISK BELOW

UTC: 2002-Nov-08  
 WG2: 2003-Oct-20  
 document: N2524, N2630  
 contact: Andrew Glass  
 font: Glyphs UC4





035A ◌◌ COMBINING DOUBLE RING BELOW  
 • Kharoshthi

UTC: 2003-Aug-28  
 WG2: 2003-Oct-20  
 document: N2597  
 contact: LST  
 font: UtopiaGlyphsL

035B ◌◌ COMBINING ZIGZAG ABOVE  
 Latin abbreviation, Lithuanian phonetics

UTC: 2003-Jun-03  
 WG2: 2003-Oct-20  
 document: N2594  
 contact: Constable, Rick,  
 Whistler  
 font: Glyphs UC4

035C ◌◌ COMBINING DOUBLE BREVE BELOW  
 = papyrological hyphen  
 • a common glyph alternate connects the  
 horizontal midpoints of the characters  
 → 035D ◌◌ combining double breve  
 → 0361 ◌◌ combining double inverted breve

	037	038	039	03A	03B	03C	03D	03E	03F
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									
A									
B									
C									03FC
D									03FD
E									03FE
F									03FF



**Symbol**

UTC: 2003-Aug-28  
 WG2: 2003-Oct-20  
 document: N2612-5  
 contact: TLG  
 font: TLG Post 4-0

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

**Editorial symbols**

UTC: \$\$\$  
 WG2: 2003-Oct-20  
 document: N2642  
 contact: TLG  
 font: TLG Post 4-0  
 note: code points adjusted

03FD Ϸ REVERSED GREEK CAPITAL LUNATE  
 SIGMA SYMBOL  
 = antisigma

03FE ϸ DOTTED GREEK CAPITAL LUNATE  
 SIGMA SYMBOL  
 = sigma periestigmenon







03FF Ϲ REVERSED DOTTED GREEK CAPITAL  
 LUNATE SIGMA SYMBOL  
 = antisigma periestigmenon

	040	041	042	043	044	045	046	047	048	049	04A	04B	04C	04D	04E	04F
0																
1																
2																
3																
4																
5																
6																Г 04F6
7																Г 04F7
8																
9																
A																
B																
C																
D																
E																
F																

UTC: 2003-Mar-07  
WG2: 2003-Oct-20  
font: UtopiaGlyphsL  
contact: Constable  
document: N2560 L2/02-  
452

## Extended Cyrillic

- 04F6 Ꞥ CYRILLIC CAPITAL LETTER GHE  
WITH DESCENDER
- 04F7 ꞥ CYRILLIC SMALL LETTER GHE WITH  
DESCENDER
- Yupik

	060	061	062	063	064	065	066	067	068	069	06A	06B	06C	06D	06E	06F
0																
1																
2																
3																
4																
5																
6																
7																
8																
9																
A																
B																
C																
D																
E																
F																

**Currency symbol**

UTC: \$\$\$  
 WG2: 2003-Oct-20  
 contact: Everson  
 document: N2640  
 font: UtopiaGlyphsL

060B ﷰ AFGHANI SIGN

**Punctuation**

UTC: 2003-Jun-11  
 document: N2598  
 contact: Jonathan Kew  
 font: ArabicUTC95

061E ﺀ ARABIC TRIPLE DOT PUNCTUATION MARK

**Other combining marks**

UTC: 2003-Jun-11  
 WG2: 2003-10-20  
 document: L2/03-133R or  
 N2581R2  
 contact:  
 Everson/Pournader  
 font: ArabicUTC95

0659 ٴ ARABIC ZWARAKAY  
 • Pashto

UTC: 2003-Jun-11  
 WG2: 2003-10-20  
 document: N2598  
 contact: Jonathan Kew  
 font: ArabicUTC95

065A ٶ ARABIC VOWEL SIGN SMALL V ABOVE  
 • African languages065B ٷ ARABIC VOWEL SIGN INVERTED SMALL V ABOVE  
 • African languages065C ٸ ARABIC VOWEL SIGN DOT BELOW  
 • African languages

	075	076	077
0	ب 0750	ف 0760	
1	ب 0751	ف 0761	
2	پ 0752	ک 0762	
3	پ 0753	ک 0763	
4	پ 0754	ک 0764	
5	ب 0755	م 0765	
6	ب 0756	م 0766	
7	ح 0757	ن 0767	
8	ح 0758	ن 0768	
9	ط 0759	ن 0769	
A	د 075A	ل 076A	
B	ر 075B		
C	س 075C		
D	ع 075D		
E	ع 075E		
F	غ 075F		

**Extended Arabic letters**

*These are primarily used in Arabic-script orthographies of African languages.*

- 0750 ب ARABIC LETTER BEH WITH THREE DOTS HORIZONTALLY BELOW
- 0751 ت ARABIC LETTER BEH WITH DOT BELOW AND THREE DOTS ABOVE
- 0752 ب ARABIC LETTER BEH WITH THREE DOTS POINTING UPWARDS BELOW
- 0753 ب ARABIC LETTER BEH WITH THREE DOTS POINTING UPWARDS BELOW AND TWO DOTS ABOVE
- 0754 ب ARABIC LETTER BEH WITH TWO DOTS BELOW AND DOT ABOVE
- 0755 ب ARABIC LETTER BEH WITH INVERTED SMALL V BELOW
- 0756 ت ARABIC LETTER BEH WITH SMALL V
- 0757 ح ARABIC LETTER HAH WITH TWO DOTS ABOVE
- 0758 ح ARABIC LETTER HAH WITH THREE DOTS POINTING UPWARDS BELOW
- 0759 د ARABIC LETTER DAL WITH TWO DOTS VERTICALLY BELOW AND SMALL TAH  
• Saraiki
- 075A د ARABIC LETTER DAL WITH INVERTED SMALL V BELOW
- 075B ر ARABIC LETTER REH WITH STROKE
- 075C ش ARABIC LETTER SEEN WITH FOUR DOTS ABOVE  
• Shina
- 075D ع ARABIC LETTER AIN WITH TWO DOTS ABOVE
- 075E ع ARABIC LETTER AIN WITH THREE DOTS POINTING DOWNWARDS ABOVE
- 075F ع ARABIC LETTER AIN WITH TWO DOTS VERTICALLY ABOVE
- 0760 ف ARABIC LETTER FEH WITH TWO DOTS BELOW
- 0761 ف ARABIC LETTER FEH WITH THREE DOTS POINTING UPWARDS BELOW
- 0762 ك ARABIC LETTER KEHEH WITH DOT ABOVE  
• old Malay, preferred to 06AC ك  
→ 06AC ك kaf with dot above
- 0763 ك ARABIC LETTER KEHEH WITH THREE DOTS ABOVE  
• Moroccan Arabic, Amazigh  
→ 06AD ك arabic letter ng
- 0764 ك ARABIC LETTER KEHEH WITH THREE DOTS POINTING UPWARDS BELOW
- 0765 م ARABIC LETTER MEEM WITH DOT ABOVE
- 0766 م ARABIC LETTER MEEM WITH DOT BELOW  
• Maba

- 0767 ن ARABIC LETTER NOON WITH TWO DOTS BELOW AND DOT ABOVE
- 0768 ن ARABIC LETTER NOON WITH DOT ABOVE AND SMALL TAH  
• Saraiki, Pathwari
- 0769 ن ARABIC LETTER NOON WITH SMALL V  
• Gojri
- 076A ل ARABIC LETTER LAM WITH BAR

UTC: 2003-Aug-28  
document: L2  
03/228R - N2627  
WG2:2003-10-20  
font: ArabicUTC95  
contact: Jonathan  
Kew  
note: glyph outline  
error

UTC: 2003-Jun-11  
WG2: 2003-10-20  
contact: Jonathan Kew  
font: ArabicUTC95  
document: N2598

	090	091	092	093	094	095	096	097
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								?
E								097D
F								



**Devanagari-specific additions**

UTC: 2003-Mar-07  
WG2: 2003-Oct-20  
document: L2 02/394,  
N2543  
font: Annapurna  
contact: SIL/Constable

- 097D ? DEVANAGARI GLOTTAL STOP
- used for writing Limbu in Devanagari
  - a glyph variant has the connecting top bar

	0B8	0B9	0BA	0BB	0BC	0BD	0BE	0BF
0								
1								
2								
3								
4								
5								
6				ஊ 0BB6				
7								
8								
9								
A								
B								
C								
D								
E								
F								

**Consonants**

UTC: 2003-Aug-38  
WG 2003-Oct-20  
contact: Michael  
Kaplan@NFITF  
font: Unico0B8  
document: L2/03-273,  
N2617, N2618

0BB6 ஸ்ர TAMIL LETTER SHA

	10A	10B	10C	10D	10E	10F
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						ღ 10F9
A						რ 10FA
B						
C						ბ 10FC
D						
E						
F						

**Additional letters**

UTC: 2003-August-28  
accepted  
WG2:2003-10-20  
document: N2608R2 / L2  
03-230  
font: Dumbadze Georgian  
contact: Everson

10F9	ⴁ	GEORGIAN LETTER TURNED GAN
10FA	ⴂ	GEORGIAN LETTER AIN
10FB	ⴃ	<reserved>
10FC	ⴄ	MODIFIER LETTER GEORGIAN NAR

	198	199	19A	19B	19C	19D
0	ꨀ 1980	ꨁ 1990	ꨂ 19A0	ꨃ 19B0	ꨄ 19C0	ꨅ 19D0
1	ꨆ 1981	ꨇ 1991	ꨈ 19A1	ꨉ 19B1	ꨊ 19C1	ꨋ 19D1
2	ꨌ 1982	ꨍ 1992	ꨎ 19A2	ꨏ 19B2	ꨐ 19C2	ꨑ 19D2
3	ꨒ 1983	ꨓ 1993	ꨔ 19A3	ꨕ 19B3	ꨖ 19C3	ꨗ 19D3
4	ꨘ 1984	ꨙ 1994	ꨚ 19A4	ꨛ 19B4	ꨜ 19C4	ꨝ 19D4
5	ꨞ 1985	ꨟ 1995	ꨠ 19A5	ꨡ 19B5	ꨢ 19C5	ꨣ 19D5
6	ꨤ 1986	ꨥ 1996	ꨦ 19A6	ꨧ 19B6	ꨨ 19C6	ꨩ 19D6
7	ꨪ 1987	ꨫ 1997	ꨬ 19A7		ꨭ 19C7	ꨮ 19D7
8	ꨰ 1988	ꨱ 1998	ꨲ 19A8		ꨳ 19C8	ꨴ 19D8
9	ꨶ 1989	꨷ 1999	꨸ 19A9		꨹ 19C9	꨺ 19D9
A	꨼ 198A	꨽ 199A			꨾ 19CA	
B	꨿ 198B	ꩀ 199B			ꩁ 19CB	
C	ꩃ 198C	ꩄ 199C		ꩅ 19BC	ꩆ 19CC	
D	ꩇ 198D	ꩈ 199D		ꩉ 19BD		
E	ꩋ 198E	ꩌ 199E		ꩍ 19BE	꩎ 19CE	꩏ 19DE
F	꩑ 198F	꩒ 199F		꩓ 19BF	꩔ 19CF	꩕ 19DF

*This script is also known as Xishuang Banna Dai*

UTC: \$\$\$\$  
WG2: 2003-Oct-22  
contact: Everson  
documents: N2634,  
N2660, N2665 and N2671  
font: Utopia New Tai Lue

## Consonants

1980	ᨆ	TAI LUE LETTER HIGH QA
1981	ᨇ	TAI LUE LETTER LOW QA
1982	ᨈ	TAI LUE LETTER HIGH KA
1983	ᨉ	TAI LUE LETTER LOW KA
1984	ᨊ	TAI LUE LETTER HIGH XA
1985	ᨋ	TAI LUE LETTER LOW XA
1986	ᨌ	TAI LUE LETTER HIGH NGA
1987	ᨍ	TAI LUE LETTER LOW NGA
1988	ᨎ	TAI LUE LETTER HIGH TSA
1989	ᨏ	TAI LUE LETTER LOW CA
198A	ᨐ	TAI LUE LETTER HIGH SA
198B	ᨑ	TAI LUE LETTER LOW SA
198C	ᨒ	TAI LUE LETTER HIGH YA
198D	ᨓ	TAI LUE LETTER LOW YA
198E	ᨔ	TAI LUE LETTER HIGH TA
198F	ᨕ	TAI LUE LETTER LOW TA
1990	ᨖ	TAI LUE LETTER HIGH THA
1991	ᨗ	TAI LUE LETTER LOW THA
1992	ᨘ	TAI LUE LETTER HIGH NA
1993	ᨙ	TAI LUE LETTER LOW NA
1994	ᨚ	TAI LUE LETTER HIGH PA
1995	ᨛ	TAI LUE LETTER LOW PA
1996	᨜	TAI LUE LETTER HIGH PHA
1997	᨝	TAI LUE LETTER LOW PHA
1998	᨞	TAI LUE LETTER HIGH MA
1999	᨟	TAI LUE LETTER LOW MA
199A	ᨠ	TAI LUE LETTER HIGH FA
199B	ᨡ	TAI LUE LETTER LOW FA
199C	ᨢ	TAI LUE LETTER HIGH VA
199D	ᨣ	TAI LUE LETTER LOW VA
199E	ᨤ	TAI LUE LETTER HIGH LA
199F	ᨥ	TAI LUE LETTER LOW LA
19A0	ᨦ	TAI LUE LETTER HIGH HA
19A1	ᨧ	TAI LUE LETTER LOW HA
19A2	ᨨ	TAI LUE LETTER HIGH DA
19A3	ᨩ	TAI LUE LETTER LOW DA
19A4	ᨪ	TAI LUE LETTER HIGH BA
19A5	ᨫ	TAI LUE LETTER LOW BA
19A6	ᨬ	TAI LUE LETTER HIGH KVA
19A7	ᨭ	TAI LUE LETTER LOW KVA
19A8	ᨮ	TAI LUE LETTER HIGH XVA
19A9	ᨯ	TAI LUE LETTER LOW XVA
19AA	ᨰ	<reserved>
19AB	ᨱ	<reserved>
19AC	ᨲ	<reserved>
19AD	ᨳ	<reserved>
19AE	ᨴ	<reserved>
19AF	ᨵ	<reserved>
19B0	ᨶ	TAI LUE LETTER FINAL V
19B1	ᨷ	TAI LUE LETTER FINAL NG
19B2	ᨸ	TAI LUE LETTER FINAL N
19B3	ᨹ	TAI LUE LETTER FINAL M

19B4	ᨺ	TAI LUE LETTER FINAL K
19B5	ᨻ	TAI LUE LETTER FINAL D
19B6	ᨼ	TAI LUE LETTER FINAL B

## Vowels and related signs

19BC	ᨽ	TAI LUE VOWEL SIGN A
19BD	ᨿ	TAI LUE VOWEL SIGN AA
19BE	ᩀ	TAI LUE VOWEL SIGN II
19BF	ᩁ	TAI LUE VOWEL SIGN U
19C0	ᩂ	TAI LUE VOWEL SIGN UU
19C1	ᩃ	TAI LUE VOWEL SIGN EE
19C2	ᩄ	TAI LUE VOWEL SIGN E
19C3	ᩅ	TAI LUE VOWEL SIGN OO
19C4	ᩆ	TAI LUE VOWEL SIGN O
19C5	ᩇ	TAI LUE VOWEL SIGN UE
19C6	ᩈ	TAI LUE VOWEL SIGN AY
19C7	ᩉ	TAI LUE VOWEL SIGN AAY
19C8	ᩊ	TAI LUE VOWEL SIGN UY
19C9	ᩋ	TAI LUE VOWEL SIGN OUY
19CA	ᩌ	TAI LUE VOWEL SIGN OY
19CB	ᩍ	TAI LUE VOWEL SIGN UEY
19CC	ᩎ	TAI LUE VOWEL SIGN IY

## Tone marks

































19CE	ᩏ	TAI LUE TONE MARK-1
19CF	ᩐ	TAI LUE TONE MARK-2

## Digits

19D0	ᩑ	TAI LUE DIGIT ZERO
19D1	ᩒ	TAI LUE DIGIT ONE
19D2	ᩓ	TAI LUE DIGIT TWO
19D3	ᩔ	TAI LUE DIGIT THREE
19D4	ᩕ	TAI LUE DIGIT FOUR
19D5	ᩖ	TAI LUE DIGIT FIVE
19D6	ᩗ	TAI LUE DIGIT SIX
19D7	ᩘ	TAI LUE DIGIT SEVEN
19D8	ᩙ	TAI LUE DIGIT EIGHT
19D9	ᩚ	TAI LUE DIGIT NINE
























## Various signs

19DE	ᩛ	TAI LUE SIGN LE = and
19DF	ᩜ	TAI LUE SIGN LEW = perfective






	1A0	1A1
0	 1A00	 1A10
1	 1A01	 1A11
2	 1A02	 1A12
3	 1A03	 1A13
4	 1A04	 1A14
5	 1A05	 1A15
6	 1A06	 1A16
7	 1A07	 1A17
8	 1A08	 1A18
9	 1A09	 1A19
A	 1A0A	 1A1A
B	 1A0B	 1A1B
C	 1A0C	
D	 1A0D	
E	 1A0E	 1A1E
F	 1A0F	 1A1F

*This script is also known as Lontara*



**Consonants**

- 1A00  BUGINESE LETTER KA
- 1A01  BUGINESE LETTER GA
- 1A02  BUGINESE LETTER NGA
- 1A03  BUGINESE LETTER NGKA
- 1A04  BUGINESE LETTER PA
- 1A05  BUGINESE LETTER BA
- 1A06  BUGINESE LETTER MA
- 1A07  BUGINESE LETTER MPA
- 1A08  BUGINESE LETTER TA
- 1A09  BUGINESE LETTER DA
- 1A0A  BUGINESE LETTER NA
- 1A0B  BUGINESE LETTER NRA
- 1A0C  BUGINESE LETTER CA
- 1A0D  BUGINESE LETTER JA
- 1A0E  BUGINESE LETTER NYA
- 1A0F  BUGINESE LETTER NYCA
- 1A10  BUGINESE LETTER YA
- 1A11  BUGINESE LETTER RA
- 1A12  BUGINESE LETTER LA
- 1A13  BUGINESE LETTER VA
- 1A14  BUGINESE LETTER SA
- 1A15  BUGINESE LETTER A
- 1A16  BUGINESE LETTER HA

**Vowels**

- 1A17  BUGINESE VOWEL SIGN I
- 1A18  BUGINESE VOWEL SIGN U
- 1A19  BUGINESE VOWEL SIGN E
- 1A1A  BUGINESE VOWEL SIGN O
- 1A1B  BUGINESE VOWEL SIGN AE

**Various signs**

- 1A1E  BUGINESE PALLAWA
- 1A1F  BUGINESE END OF SECTION

UTC: 2003-Jun-13  
 \$\$\$  
 WG2:2003-Oct-20  
 document: N2588  
 (see also N2663R)  
 contact: Everson  
 font: Everson Mono  
 Buginese

UTC: \$\$\$\$  
 YI, VIRAMA moved  
 vowels moved up



	1D0	1D1	1D2	1D3	1D4	1D5	1D6	1D7
0								𐌸 1D70
1								𐌹 1D71
2								𐌺 1D72
3								𐌻 1D73
4								𐌼 1D74
5								𐌽 1D75
6								𐌾 1D76
7								𐌿 1D77
8								𐍀 1D78
9								𐍁 1D79
A								
B								
C							𐍃 1D6C	
D							𐍅 1D6D	
E							𐍇 1D6E	
F							𐍉 1D6F	

**Latin letters with middle tilde**

UTC: 2003-Jun-12  
 UTC: 8-25-03, code  
 points settled  
 WG2: 2003-Oct-20  
 contact: SIL  
 font: Glyphs UC4  
 document: L2 03/174,  
 N2632

- 1D6C ʔ LATIN SMALL LETTER B WITH MIDDLE TILDE  
 1D6D ɗ LATIN SMALL LETTER D WITH MIDDLE TILDE  
 1D6E ƒ LATIN SMALL LETTER F WITH MIDDLE TILDE  
 1D6F ɱ LATIN SMALL LETTER M WITH MIDDLE TILDE  
 1D70 ɳ LATIN SMALL LETTER N WITH MIDDLE TILDE  
 1D71 ɲ LATIN SMALL LETTER P WITH MIDDLE TILDE  
 1D72 ɣ LATIN SMALL LETTER R WITH MIDDLE TILDE  
 1D73 ɣ LATIN SMALL LETTER R WITH FISHHOOK AND MIDDLE TILDE  
 1D74 ʂ LATIN SMALL LETTER S WITH MIDDLE TILDE  
 1D75 ʈ LATIN SMALL LETTER T WITH MIDDLE TILDE  
 1D76 ʐ LATIN SMALL LETTER Z WITH MIDDLE TILDE

**Caucasian Linguistics**

UTC: 2003-08-28  
 WG2: 2003-10-20  
 document: N2608R2  
 contact: Everson  
 font: Glyphs UC4

- 1D77 Ɔ LATIN SMALL LETTER TURNED G  
 • for Georgian letter turned gan  
 → 10F9 Ɔ georgian letter turned gan  
 1D78 Ҁ MODIFIER LETTER CYRILLIC EN

**Older Irish phonetic notation**










UTC: \$\$\$\$  
 WG2: 2003-Oct-21  
 contact: Everson  
 font: UtopiaGlyphsL  
 document: N2641

- 1D79 Ʒ LATIN LETTER INSULAR G  
 → 0067 g latin small letter g  
 → 0261 g latin small letter script g  
 → 0263 γ latin small letter gamma

	1DC	1DD	1DE	1DF
0	 1DC0			
1	 1DC1			
2				
3				
4				
5				
6				
7				
8				
9				
A				
B				
C				
D				
E				
F				

UTC: 2002-08-11:  
action to TLG to forward  
this to WG2 for post 4.0,  
\$\$\$\$  
WG2: 2003-Oct-20  
document: L2/02-312R,  
N2642  
font: Glyphs UC4  
contact: TLG

1DC0 ◌̇ COMBINING DOTTED GRAVE  
ACCENT  
1DC1 ◌̇ COMBINING DOTTED ACUTE  
ACCENT

	200	201	202	203	204	205	206
0							
1							
2							
3							
4							
5						 2055	
6						 2056	
7							
8						 2058	
9						 2059	
A						 205A	
B						 205B	
C						 205C	
D						 205D	
E						 205E	
F							

## General Punctuation

UTC: 2003-Jun-12  
WG2: 2003-Oct-20  
document: N2591  
contact: SIL/Constable  
font: Syloti Nagri Chart

- 2055 \* FLOWER PUNCTUATION MARK  
= phul, puspika
- used as a punctuation mark with Syloti Nagri, Bengali and other Indic scripts
- 274B \* heavy teardrop-spoked propeller asterisk

UTC: 2003-Jun-12 \$\$\$\$  
names  
WG2: 2003-Oct-20  
document L2/03-282,  
N2610R  
contact: Everson  
font: UtopiaGlyphsL

*Note to reviewers: suggested name changes are shown with*

- 2056 ∴ THREE DOT PUNCTUATION  
2057 ◻ <reserved>  
2058 ∴ FOUR DOT PUNCTUATION  
2059 ∴ FIVE DOT PUNCTUATION  
= Greek pentoklion

## Other punctuation

UTC: 2003-Jun-11 \$\$\$  
name/codes  
WG2: 2003-Oct-20  
document L2 03/193,  
N2612-7  
font: TLG Post 4-0  
contact: TLG

- 205A ∴ TWO DOT PUNCTUATION
- Historically used to indicate the end of a sentence or change of speaker
  - Extends from baseline to cap height
- 205B ∴ FOUR DOT MARK
- Used by scribes in the margin as highlighter mark.
  - This is centered on the line, but extends beyond top and bottom of the line
- 205C ∴ DOTTED CROSS
- Used by scribes in the margin as highlighter mark.

UTC: 2002-08-11:  
action to TLG to forward  
this to WG2 for post 4.0.  
\$\$\$\$  
WG2: 2003-Oct-20  
document: L2/02-312R,  
N2642  
font: TLG Post4-0  
(private use range)  
contact: TLG


- 205D ∴ TRICOLON
- 205E ∴ VERTICAL FOUR DOTS
- used in dictionaries to indicate legal, but undesirable word break
  - glyph extends the whole height of the line.

	20A	20B	20C
0			
1			
2		₲ 20B2	
3		₳ 20B3	
4			
5			
6			
7			
8			
9			
A			
B			
C			
D			
E			
F			

**Additions**

- 20B2 ₲ GUARANI SIGN
- 20B3 ₳ AUSTRAL SIGN

UTC: 2003-Mar-06  
Accepted  
contact: Everson  
document: N2579  
font: UtopiaGlyphsL



	20D	20E	20F
0			
1			
2			
3			
4			
5			
6			
7			
8			
9			
A			
B		 20EB	
C			
D			
E			
F			

**Additional diacritical marks for symbols**

20EB // COMBINING LONG DOUBLE SOLIDUS OVERLAY  
= long double slash overlay

UTC: 2003-Jun-12  
\$\$\$ new position  
WG2:2003-Oct-20  
document: N2590  
font: UtopiaGlyphsL



	210	211	212	213	214
0					
1					
2					
3					
4					
5					
6					
7					
8					
9					
A					
B					
C				 213C	 214C
D					
E					
F					

**Additional double-struck symbol**

213C  $\mathbb{P}$  DOUBLE-STRUCK SMALL PI

**Additional letterlike symbol**































214C  $\text{P}$  PER SIGN

- abbreviates the word ‘per’

	230	231	232	233	234	235	236	237	238	239	23A	23B	23C	23D	23E	23F
0																
1														◡ 23D1		
2														◤ 23D2		
3														◥ 23D3		
4														◦ 23D4		
5														◧ 23D5		
6														◨ 23D6		
7														◩ 23D7		
8														◪ 23D8		
9														◥ 23D9		
A																
B																
C																
D																
E																
F																

**Metrical symbols**

UTC: 2002-Nov-07 \$\$\$ codes	23D1	˘	METRICAL BREVE
WG2: 2002-Dec-12 Stage 1	23D2	◌̄	METRICAL LONG OVER SHORT
document: L2 02/315R2, N2546	23D3	◌̇	METRICAL SHORT OVER LONG
font: TLG Post 4-0 contact: TLG	23D4	◌̄◌̇	METRICAL LONG OVER TWO SHORTS
	23D5	◌̇◌̇	METRICAL TWO SHORTS OVER LONG
	23D6	◌̄◌̄	METRICAL TWO SHORTS JOINED
	23D7	⏊	METRICAL TRISEME
	23D8	⏊⏊	METRICAL TETRASEME
	23D9	⏊⏊⏊	METRICAL PENTASEME

	260	261	262	263	264	265	266	267	268	269	26A	26B	26C	26D	26E	26F
0																
												26B0				
1																
												26B1				
2																
										2692	26A2					
3																
										2693	26A3					
4																
										2694	26A4					
5																
										2695	26A5					
6																
										2696	26A6					
7																
										2697	26A7					
8																
	2618									2698	26A8					
9																
										2699	26A9					
A																
										269A	26AA					
B																
										269B	26AB					
C																
										269C	26AC					
D																
											26AD					
E																
								267E			26AE					
F																
							267F				26AF					

UTC: 2003-Jun-12  
WG 2003-Oct-20  
contact: Everson  
document: N2586R  
font: UtopiaGlyphsL

**Miscellaneous symbol**

2618 ✨ SHAMROCK

**Miscellaneous symbols**

267E ☹ PERMANENT PAPER SIGN

267F ♿ WHEELCHAIR SYMBOL

**Other symbols**2692 ⚒ HAMMER AND CHISEL  
mining, working day (in timetables)2693 ⚓ ANCHOR  
nautical term2694 ✂ CROSSED SWORDS  
military term, battleground (on maps), killed  
in action2695 ⚕ ROD OF AESCLEPIUS  
medical term  
This is not 2624 ☯. Both inclined or upright  
renderings of this symbol are common.  
→ 2624 ☯ caduceus2696 ⚖ SCALES  
legal term, jurisprudence2697 ⚗ ALEMBIC  
chemical term, chemistry2698 ♀ FLOWER  
botanical term  
→ 2618 ✨ shamrock  
→ 2055 \* flower symbol  
→ 2740 🌸 white florette2699 ⚙ GEAR  
technology, tools269A ☚ STAFF OF HERMES  
signifies a commercial term or commerce  
A herald's staff with a winged wheel.

269B ⚛ ATOM SYMBOL

269C 🌸 FLEUR-DE-LIS

**Gender symbols**26A2 ♀♀ DOUBLED FEMALE SIGN  
= lesbianism26A3 ♂♂ DOUBLED MALE SIGN  
a glyph variant has the two circles on the  
same line  
= male homosexuality26A4 ♂♀ INTERLOCKED FEMALE AND MALE  
SIGN  
a glyph variant has the two circles on the  
same line  
= bisexuality26A5 ♂♀ MALE AND FEMALE SIGN  
= transgendered sexuality  
= hermaphrodite (in entomology)26A6 ♂♂ MALE WITH STROKE SIGN  
= transgendered sexuality26A7 ♂♀ MALE WITH STROKE AND MALE AND  
FEMALE SIGN

= transgendered sexuality




26A8 ♂♂ VERTICAL MALE WITH STROKE SIGN  
= ferrous iron sulphate (alchemy and older  
chemistry)26A9 ♂♂ HORIZONTAL MALE WITH STROKE  
SIGN  
= magnesium (alchemy and older chemistry)**Circles**26AA ○ MEDIUM WHITE CIRCLE  
• base for male or female sign  
= asexuality, sexless, genderless  
= engaged, betrothed26AB ● MEDIUM BLACK CIRCLE  
= record26AC ○ MEDIUM SMALL WHITE CIRCLE  
= engaged, betrothed (genealogy)  
• can represent wedding ring**Genealogical symbols**26AD ∞ MARRIAGE SYMBOL  
→ 221E ∞ infinity26AE ∞ DIVORCE SYMBOL  
use the glyph variant with the two offset  
half circles  
= engaged, betrothed (genealogy)  
→ 29DE ∞ infinity negated with vertical bar26AF ∞ UNMARRIED PARTNERSHIP SYMBOL  
→ 29DF ∞ double-ended multimap26B0 ☩ COFFIN  
= buried (genealogy)  
→ 25AD ☐ white rectangle26B1 ☩ FUNERAL URN  
= cremated (genealogy)

UTC: 2003-Jun-12  
UTC: 2003-Aug-28  
changed name  
WG 2003-Oct-20  
contact: Everson  
document: N2586R  
font: UtopiaGlyphsL

UTC: \$\$\$\$  
WG2: 2003-Oct-21  
document: N2655  
contact: Freytag  
font: Glyphs UC4

UTC: 2003-Jun-12 +  
2003-Aug-28  
WG 2003-Oct-20  
document: N2586RR  
contact: Everson  
font: UtopiaGlyphsL

UTC: \$\$\$\$\$  
WG2: 2003-Oct-21  
contact: Everson  
document: N2587,  
N2663  
font: UtopiaGlyphsL (?)

	27C	27D	27E	27F
0	 27C0			
1	 27C1			
2	 27C2			
3				
4				
5				
6				
7				
8				
9				
A				
B				
C				
D				
E				
F				

UTC: 2003-Jun-11 \$\$\$  
 name for 27C0  
 WG2: 2003-Oct-20  
 document: N2612-6  
 contact: TLG  
 font: TLG Post 4-0

27C0  $\sphericalangle$  THREE DIMENSIONAL ANGLE

- used by Euclid







27C1  $\triangle$  WHITE TRIANGLE CONTAINING  
 SMALL WHITE TRIANGLE

UTC: 2003-Jun-11  
 WG2: 2003-Oct-20  
 document: N2590  
 font: <reuse 22A5 since  
 side bearings not  
 visible>

27C2  $\perp$  PERPENDICULAR

- relation, typeset with additional spacing  
 → 22A5  $\perp$  up tack



	2B0	2B1	2B2	2B3	2B4	2B5	2B6	2B7	2B8	2B9	2BA	2BB	2BC	2BD	2BE	2BF
0		2B10														
1		2B11														
2		2B12														
3		2B13														
4																
5																
6																
7																
8																
9																
A																
B																
C																
D																
E		2B0E														
F		2B0F														

UTC: 2003-08-28  
 WG2: 2003-Oct-20  
 document: L2/03-119R,  
 N2629  
 font: UtopiaGlyphsL  
 contact: (Rick)

## Arrows

*Note to reviewers: the glyphs are shifted to the left.*

*This is a known issue*

- 2B0E → RIGHTWARDS ARROW WITH TIP  
DOWNWARDS
- 2B0F ↗ RIGHTWARDS ARROW WITH TIP  
UPWARDS
- 2B10 ↖ LEFTWARDS ARROW WITH TIP  
DOWNWARDS
- 2B11 ↗ LEFTWARDS ARROW WITH TIP  
UPWARDS

## Squares

UTC: \$\$\$\$  
 WG2: 2003-Oct-21  
 document: N2655  
 contact: Freytag  
 font: Glyphs UC4

- 2B12 ◼ SQUARE WITH TOP HALF BLACK  
→ 25E7 ◼ square with left half black
- 2B13 ◼ SQUARE WITH BOTTOM HALF BLACK

	2C0	2C1	2C2	2C3	2C4	2C5
0	Ⲁ 2C00	Ⲑ 2C10	Ⲙ 2C20	Ⲁ 2C30	Ⲑ 2C40	Ⲙ 2C50
1	Ⲃ 2C01	ⲑ 2C11	Ⲑ 2C21	Ⲃ 2C31	ⲑ 2C41	Ⲑ 2C51
2	Ⲅ 2C02	ⲑ 2C12	Ⲓ 2C22	Ⲅ 2C32	ⲑ 2C42	Ⲓ 2C52
3	Ⲇ 2C03	ⲑ 2C13	ⲑ 2C23	Ⲇ 2C33	ⲑ 2C43	ⲑ 2C53
4	Ⲉ 2C04	ⲑ 2C14	ⲑ 2C24	Ⲉ 2C34	ⲑ 2C44	ⲑ 2C54
5	Ⲋ 2C05	ⲑ 2C15	ⲑ 2C25	Ⲋ 2C35	ⲑ 2C45	ⲑ 2C55
6	Ⲍ 2C06	ⲑ 2C16	ⲑ 2C26	Ⲍ 2C36	ⲑ 2C46	ⲑ 2C56
7	Ⲏ 2C07	ⲑ 2C17	ⲑ 2C27	Ⲏ 2C37	ⲑ 2C47	ⲑ 2C57
8	Ⲑ 2C08	ⲑ 2C18	ⲑ 2C28	Ⲑ 2C38	ⲑ 2C48	ⲑ 2C58
9	Ⲓ 2C09	ⲑ 2C19	ⲑ 2C29	Ⲓ 2C39	ⲑ 2C49	ⲑ 2C59
A	Ⲕ 2C0A	ⲑ 2C1A	ⲑ 2C2A	Ⲕ 2C3A	ⲑ 2C4A	ⲑ 2C5A
B	Ⲗ 2C0B	ⲑ 2C1B	ⲑ 2C2B	Ⲗ 2C3B	ⲑ 2C4B	ⲑ 2C5B
C	Ⲙ 2C0C	ⲑ 2C1C	ⲑ 2C2C	Ⲙ 2C3C	ⲑ 2C4C	ⲑ 2C5C
D	Ⲛ 2C0D	ⲑ 2C1D	ⲑ 2C2D	Ⲛ 2C3D	ⲑ 2C4D	ⲑ 2C5D
E	Ⲝ 2C0E	ⲑ 2C1E	ⲑ 2C2E	Ⲝ 2C3E	ⲑ 2C4E	ⲑ 2C5E
F	Ⲟ 2C0F	ⲑ 2C1F		Ⲟ 2C3F	ⲑ 2C4F	

**Capital letters**

2C00	⦿	GLAGOLITIC CAPITAL LETTER AZU
2C01	⦿	GLAGOLITIC CAPITAL LETTER BUKY
2C02	⦿	GLAGOLITIC CAPITAL LETTER VEDE
2C03	⦿	GLAGOLITIC CAPITAL LETTER GLAGOLI
2C04	⦿	GLAGOLITIC CAPITAL LETTER DOBRO
2C05	⦿	GLAGOLITIC CAPITAL LETTER YESTU
2C06	⦿	GLAGOLITIC CAPITAL LETTER ZHIVETE
2C07	⦿	GLAGOLITIC CAPITAL LETTER DZELO
2C08	⦿	GLAGOLITIC CAPITAL LETTER ZEMPLJA
2C09	⦿	GLAGOLITIC CAPITAL LETTER IZHE
2C0A	⦿	GLAGOLITIC CAPITAL LETTER INITIAL IZHE
2C0B	⦿	GLAGOLITIC CAPITAL LETTER I
2C0C	⦿	GLAGOLITIC CAPITAL LETTER DERVI
2C0D	⦿	GLAGOLITIC CAPITAL LETTER KAKO
2C0E	⦿	GLAGOLITIC CAPITAL LETTER LJUDIJE
2C0F	⦿	GLAGOLITIC CAPITAL LETTER MYSLITE
2C10	⦿	GLAGOLITIC CAPITAL LETTER NASHI
2C11	⦿	GLAGOLITIC CAPITAL LETTER ONU
2C12	⦿	GLAGOLITIC CAPITAL LETTER POKOJI
2C13	⦿	GLAGOLITIC CAPITAL LETTER RITSI
2C14	⦿	GLAGOLITIC CAPITAL LETTER SLOVO
2C15	⦿	GLAGOLITIC CAPITAL LETTER TVRIDO
2C16	⦿	GLAGOLITIC CAPITAL LETTER UKU
2C17	⦿	GLAGOLITIC CAPITAL LETTER FRITU
2C18	⦿	GLAGOLITIC CAPITAL LETTER HERU
2C19	⦿	GLAGOLITIC CAPITAL LETTER OTU
2C1A	⦿	GLAGOLITIC CAPITAL LETTER PE
2C1B	⦿	GLAGOLITIC CAPITAL LETTER SHTA
2C1C	⦿	GLAGOLITIC CAPITAL LETTER TSI
2C1D	⦿	GLAGOLITIC CAPITAL LETTER CHRIVI
2C1E	⦿	GLAGOLITIC CAPITAL LETTER SHA
2C1F	⦿	GLAGOLITIC CAPITAL LETTER YERU
2C20	⦿	GLAGOLITIC CAPITAL LETTER YERI
2C21	⦿	GLAGOLITIC CAPITAL LETTER YATI
2C22	⦿	GLAGOLITIC CAPITAL LETTER SPIDERY HA
2C23	⦿	GLAGOLITIC CAPITAL LETTER JU
2C24	⦿	GLAGOLITIC CAPITAL LETTER SMALL YUS
2C25	⦿	GLAGOLITIC CAPITAL LETTER SMALL YUS WITH TAIL
2C26	⦿	GLAGOLITIC CAPITAL LETTER YO

2C27	⦿	GLAGOLITIC CAPITAL LETTER IOTATED SMALL YUS
2C28	⦿	GLAGOLITIC CAPITAL LETTER BIG YUS
2C29	⦿	GLAGOLITIC CAPITAL LETTER IOTATED BIG YUS
2C2A	⦿	GLAGOLITIC CAPITAL LETTER FITA
2C2B	⦿	GLAGOLITIC CAPITAL LETTER IZHITSA
2C2C	⦿	GLAGOLITIC CAPITAL LETTER SHTAPIC
2C2D	⦿	GLAGOLITIC CAPITAL LETTER TROKUSTASTI AZU
2C2E	⦿	GLAGOLITIC CAPITAL LETTER LATINATE MYSLITE

**Small letters**

2C30	⦿	GLAGOLITIC SMALL LETTER AZU
2C31	⦿	GLAGOLITIC SMALL LETTER BUKY
2C32	⦿	GLAGOLITIC SMALL LETTER VEDE
2C33	⦿	GLAGOLITIC SMALL LETTER GLAGOLI
2C34	⦿	GLAGOLITIC SMALL LETTER DOBRO
2C35	⦿	GLAGOLITIC SMALL LETTER YESTU
2C36	⦿	GLAGOLITIC SMALL LETTER ZHIVETE
2C37	⦿	GLAGOLITIC SMALL LETTER DZELO
2C38	⦿	GLAGOLITIC SMALL LETTER ZEMPLJA
2C39	⦿	GLAGOLITIC SMALL LETTER IZHE
2C3A	⦿	GLAGOLITIC SMALL LETTER INITIAL IZHE
2C3B	⦿	GLAGOLITIC SMALL LETTER I
2C3C	⦿	GLAGOLITIC SMALL LETTER DERVI
2C3D	⦿	GLAGOLITIC SMALL LETTER KAKO
2C3E	⦿	GLAGOLITIC SMALL LETTER LJUDIJE
2C3F	⦿	GLAGOLITIC SMALL LETTER MYSLITE
2C40	⦿	GLAGOLITIC SMALL LETTER NASHI
2C41	⦿	GLAGOLITIC SMALL LETTER ONU
2C42	⦿	GLAGOLITIC SMALL LETTER POKOJI
2C43	⦿	GLAGOLITIC SMALL LETTER RITSI
2C44	⦿	GLAGOLITIC SMALL LETTER SLOVO
2C45	⦿	GLAGOLITIC SMALL LETTER TVRIDO
2C46	⦿	GLAGOLITIC SMALL LETTER UKU
2C47	⦿	GLAGOLITIC SMALL LETTER FRITU
2C48	⦿	GLAGOLITIC SMALL LETTER HERU
2C49	⦿	GLAGOLITIC SMALL LETTER OTU
2C4A	⦿	GLAGOLITIC SMALL LETTER PE
2C4B	⦿	GLAGOLITIC SMALL LETTER SHTA
2C4C	⦿	GLAGOLITIC SMALL LETTER TSI
2C4D	⦿	GLAGOLITIC SMALL LETTER CHRIVI
2C4E	⦿	GLAGOLITIC SMALL LETTER SHA
2C4F	⦿	GLAGOLITIC SMALL LETTER YERU
2C50	⦿	GLAGOLITIC SMALL LETTER YERI
2C51	⦿	GLAGOLITIC SMALL LETTER YATI
2C52	⦿	GLAGOLITIC SMALL LETTER SPIDERY HA

2C53	𐝱	GLAGOLITIC SMALL LETTER YU
2C54	𐝲	GLAGOLITIC SMALL LETTER SMALL YUS
2C55	𐝳	GLAGOLITIC SMALL LETTER SMALL YUS WITH TAIL
2C56	𐝴	GLAGOLITIC SMALL LETTER YO
2C57	𐝵	GLAGOLITIC SMALL LETTER IOTATED SMALL YUS
2C58	𐝶	GLAGOLITIC SMALL LETTER BIG YUS
2C59	𐝷	GLAGOLITIC SMALL LETTER IOTATED BIG YUS
2C5A	𐝸	GLAGOLITIC SMALL LETTER FITA
2C5B	𐝹	GLAGOLITIC SMALL LETTER IZHITSA
2C5C	𐝺	GLAGOLITIC SMALL LETTER SHTAPIC
2C5D	𐝻	GLAGOLITIC SMALL LETTER TROKUSTASTI AZU
2C5E	𐝼	GLAGOLITIC SMALL LETTER LATINATE MYSLITE

UTC: \$\$\$\$ name change

	2C8	2C9	2CA	2CB	2CC
0	Ⲁ 2C80	Ⲑ 2C90	ⲁ 2CA0	ⲡ 2CB0	
1	Ⲃ 2C81	Ⲓ 2C91	ⲃ 2CA1	ⲣ 2CB1	
2	Ⲅ 2C82	ⲓ 2C92	ⲅ 2CA2	ⲥ 2CB2	
3	Ⲇ 2C83	Ⲕ 2C93	ⲇ 2CA3	ⲧ 2CB3	
4	Ⲉ 2C84	ⲕ 2C94	ⲉ 2CA4	ⲩ 2CB4	
5	Ⲋ 2C85	ⲛ 2C95	ⲋ 2CA5	ⲭ 2CB5	
6	Ⲍ 2C86	ⲝ 2C96	ⲍ 2CA6	ⲯ 2CB6	
7	Ⲏ 2C87	ⲟ 2C97	ⲏ 2CA7	ⲱ 2CB7	
8	Ⲑ 2C88	ⲡ 2C98	ⲑ 2CA8	ⲳ 2CB8	
9	Ⲓ 2C89	Ⲕ 2C99	ⲓ 2CA9	ⲕ 2CB9	
A	Ⲇ 2C8A	Ⲑ 2C9A	ⲇ 2CAA	ⲩ 2CBA	
B	Ⲍ 2C8B		ⲇ 2CAB	ⲩ 2CBB	
C	Ⲏ 2C8C		ⲏ 2CAC	ⲱ 2CBC	
D	Ⲑ 2C8D		ⲑ 2CAD	ⲳ 2CBD	
E	Ⲓ 2C8E		ⲓ 2CAE	ⲕ 2CBE	
F	Ⲕ 2C8F		ⲅ 2CAF	ⲥ 2CBF	

UTC: \$\$\$\$ block range  
change  
UTC: 2003-Aug-28  
Accepted  
WG2: 2003-Oct-20  
Accepted  
font: Utopia Coptic  
document: L2 03/283,  
N2636 (was N2611)  
contact: Everson

*Other Coptic letters derived from Demotic are encoded in the Greek and Coptic block.*

### Capital letters

2C80	Ⲁ	COPTIC CAPITAL LETTER ALFA
2C81	Ⲃ	COPTIC CAPITAL LETTER VIDA
2C82	Ⲅ	COPTIC CAPITAL LETTER GAMMA
2C83	Ⲇ	COPTIC CAPITAL LETTER DALDA
2C84	Ⲉ	COPTIC CAPITAL LETTER EIE
2C85	Ⲋ	COPTIC CAPITAL LETTER SOU
2C86	Ⲍ	COPTIC CAPITAL LETTER ZATA
2C87	Ⲏ	COPTIC CAPITAL LETTER HATE
2C88	Ⲑ	COPTIC CAPITAL LETTER THETHE
2C89	Ⲓ	COPTIC CAPITAL LETTER IAUDA
2C8A	Ⲕ	COPTIC CAPITAL LETTER KAPA
2C8B	Ⲗ	COPTIC CAPITAL LETTER LAULA
2C8C	Ⲙ	COPTIC CAPITAL LETTER MI
2C8D	Ⲛ	COPTIC CAPITAL LETTER NI
2C8E	Ⲝ	COPTIC CAPITAL LETTER KSI
2C8F	Ⲟ	COPTIC CAPITAL LETTER O
2C90	Ⲡ	COPTIC CAPITAL LETTER PI
2C91	Ⲣ	COPTIC CAPITAL LETTER RO
2C92	Ⲥ	COPTIC CAPITAL LETTER SIMA
2C93	Ⲧ	COPTIC CAPITAL LETTER TAU
2C94	Ⲩ	COPTIC CAPITAL LETTER UA
2C95	Ⲫ	COPTIC CAPITAL LETTER FI
2C96	Ⲭ	COPTIC CAPITAL LETTER KHI
2C97	Ⲯ	COPTIC CAPITAL LETTER PSI
2C98	Ⲱ	COPTIC CAPITAL LETTER OOU
2C99	Ⲳ	COPTIC CAPITAL LETTER AKHMIMIC KHEI
2C9A	Ⲵ	COPTIC CAPITAL LETTER RO WITH STROKE

### Small letters

2CA0	ⲁ	COPTIC SMALL LETTER ALFA
2CA1	ⲃ	COPTIC SMALL LETTER VIDA
2CA2	ⲅ	COPTIC SMALL LETTER GAMMA
2CA3	ⲇ	COPTIC SMALL LETTER DALDA
2CA4	ⲉ	COPTIC SMALL LETTER EIE
2CA5	ⲋ	COPTIC SMALL LETTER SOU
2CA6	ⲍ	COPTIC SMALL LETTER ZATA
2CA7	ⲏ	COPTIC SMALL LETTER HATE
2CA8	ⲑ	COPTIC SMALL LETTER THETHE
2CA9	ⲓ	COPTIC SMALL LETTER IAUDA
2CAA	ⲕ	COPTIC SMALL LETTER KAPA
2CAB	ⲗ	COPTIC SMALL LETTER LAULA
2CAC	ⲙ	COPTIC SMALL LETTER MI
2CAD	ⲛ	COPTIC SMALL LETTER NI
2CAE	ⲝ	COPTIC SMALL LETTER KSI
2CAF	ⲟ	COPTIC SMALL LETTER O
2CB0	ⲡ	COPTIC SMALL LETTER PI
2CB1	ⲣ	COPTIC SMALL LETTER RO
2CB2	Ⲷ	COPTIC SMALL LETTER SIMA
2CB3	Ⲹ	COPTIC SMALL LETTER TAU
2CB4	Ⲻ	COPTIC SMALL LETTER UA

2CB5	Ⲽ	COPTIC SMALL LETTER FI
2CB6	Ⲿ	COPTIC SMALL LETTER KHI
2CB7	Ⲱ	COPTIC SMALL LETTER PSI
2CB8	Ⲳ	COPTIC SMALL LETTER OOU
2CB9	Ⲵ	COPTIC SMALL LETTER AKHMIMIC KHEI
2CBA	Ⲷ	COPTIC SMALL LETTER RO WITH STROKE

### Various signs and punctuation

2CBB	Ⲱ	COPTIC SYMBOL MI RO
2CBC	Ⲳ	COPTIC SYMBOL KHI RO
2CBD	Ⲵ	COPTIC SYMBOL KHRISTOS
2CBE	Ⲷ	COPTIC FULL STOP
2CBF	Ⲹ	COPTIC FRACTION ONE HALF

UTC: 2003-08-28  
rejected \$\$\$\$  
WG2: 2003-10-20  
accepted  
document: N2636  
contact: Everson  
font: Utopia Coptic

	2D0	2D1	2D2
0	ა 2D00	ბ 2D10	გ 2D20
1	დ 2D01	ე 2D11	ვ 2D21
2	ზ 2D02	ყ 2D12	რ 2D22
3	ს 2D03	ტ 2D13	ყ 2D23
4	ჩ 2D04	ც 2D14	ც 2D24
5	ცხ 2D05	ძ 2D15	ძი 2D25
6	წ 2D06	ნ 2D16	
7	თ 2D07	ყ 2D17	
8	რ 2D08	ყ 2D18	
9	კ 2D09	ჩ 2D19	
A	ლ 2D0A	ლ 2D1A	
B	ჭ 2D0B	ძ 2D1B	
C	ჩ 2D0C	ჩ 2D1C	
D	შ 2D0D	შ 2D1D	
E	უ 2D0E	უ 2D1E	
F	ყ 2D0F	ჯ 2D1F	

### Small letters (Khutsuri)

ISO 10646 note: In 10646 all characters in this list will have the same comment (Khutsuri) appended after their character name. In Unicode this is expressed in the column header.

UTC: 2003-Aug-28  
Accepted  
WG2:2003-10-20  
font: N2608R2 /  
L2/03-230R  
document:  
contact: Everson

2D00	ა	GEORGIAN SMALL LETTER AN
2D01	ბ	GEORGIAN SMALL LETTER BAN
2D02	გ	GEORGIAN SMALL LETTER GAN
2D03	დ	GEORGIAN SMALL LETTER DON
2D04	ე	GEORGIAN SMALL LETTER EN
2D05	ვ	GEORGIAN SMALL LETTER VIN
2D06	ზ	GEORGIAN SMALL LETTER ZEN
2D07	ყ	GEORGIAN SMALL LETTER TAN
2D08	რ	GEORGIAN SMALL LETTER IN
2D09	ს	GEORGIAN SMALL LETTER KAN
2D0A	ტ	GEORGIAN SMALL LETTER LAS
2D0B	ც	GEORGIAN SMALL LETTER MAN
2D0C	ჩ	GEORGIAN SMALL LETTER NAR
2D0D	ცხ	GEORGIAN SMALL LETTER ON
2D0E	ძ	GEORGIAN SMALL LETTER PAR
2D0F	ყ	GEORGIAN SMALL LETTER ZHAR
2D10	ა	GEORGIAN SMALL LETTER RAE
2D11	ბ	GEORGIAN SMALL LETTER SAN
2D12	გ	GEORGIAN SMALL LETTER TAR
2D13	დ	GEORGIAN SMALL LETTER UN
2D14	ე	GEORGIAN SMALL LETTER PHAR
2D15	ვ	GEORGIAN SMALL LETTER KHAR
2D16	ზ	GEORGIAN SMALL LETTER GHAN
2D17	ყ	GEORGIAN SMALL LETTER QAR
2D18	რ	GEORGIAN SMALL LETTER SHIN
2D19	ს	GEORGIAN SMALL LETTER CHIN
2D1A	ტ	GEORGIAN SMALL LETTER CAN
2D1B	ც	GEORGIAN SMALL LETTER JIL
2D1C	ჩ	GEORGIAN SMALL LETTER CIL
2D1D	ცხ	GEORGIAN SMALL LETTER CHAR
2D1E	ძ	GEORGIAN SMALL LETTER XAN
2D1F	ჯ	GEORGIAN SMALL LETTER JHAN
2D20	ა	GEORGIAN SMALL LETTER HAE
2D21	ბ	GEORGIAN SMALL LETTER HE
2D22	გ	GEORGIAN SMALL LETTER HIE
2D23	დ	GEORGIAN SMALL LETTER WE
2D24	ე	GEORGIAN SMALL LETTER HAR
2D25	ძი	GEORGIAN SMALL LETTER HOE



	2E0	2E1	2E2	2E3	2E4	2E5	2E6	2E7
0	⌈ 2E00	⌋ 2E10						
1	⌊ 2E01	⌋ 2E11						
2	⌒ 2E02	⌓ 2E12						
3	⌑ 2E03	⌒ 2E13						
4	⌐ 2E04	⌑ 2E14						
5	⌏ 2E05	⌐ 2E15						
6	⌎ 2E06	⌏ 2E16						
7	⌍ 2E07	⌎ 2E17						
8	⌌ 2E08							
9	⌋ 2E09							
A	⌊ 2E0A							
B	⌉ 2E0B							
C	⌈ 2E0C							
D	⌊ 2E0D							
E	⌋ 2E0E							
F	⌌ 2E0F							

UTC: 2003-Jun-11  
 WG2: 2003-Oct-20  
 font: TLG Post 4-0  
 document: L2  
 03/074R2, N2612-1  
 contact: TLG

### New Testament editorial symbols

2E00	⌞	RIGHT ANGLE SUBSTITUTION MARKER
2E01	⌘	RIGHT ANGLE DOTTED SUBSTITUTION MARKER
2E02	⌟	LEFT SUBSTITUTION BRACKET
2E03	⌞	RIGHT SUBSTITUTION BRACKET
2E04	⌘	LEFT DOTTED SUBSTITUTION BRACKET
2E05	⌞	RIGHT DOTTED SUBSTITUTION BRACKET
2E06	⌞	RAISED INTERPOLATION MARKER
2E07	⌘	RAISED DOTTED INTERPOLATION MARKER
2E08	⌞	DOTTED TRANSPOSITION MARKER
2E09	⌟	LEFT TRANSPOSITION BRACKET
2E0A	⌞	RIGHT TRANSPOSITION BRACKET
2E0B	◻	RAISED SQUARE = left raised omission bracket
2E0C	↘	RAISED SMALL DIAGONAL UPPER LEFT TO LOWER RIGHT = right or left raised omission bracket
2E0D	↙	RAISED SMALL DIAGONAL LOWER LEFT TO UPPER RIGHT = right or left raised omission bracket

UTC: \$\$\$\$  
 WG2: 2003-Oct-22  
 contact: everson  
 document: N2675  
 font: none

### Ancient Greek textual symbols

2E0E	⸈	EDITORIAL CORONIS
2E0F	—	PARAGRAPHOS
2E10	—	FORKED PARAGRAPHOS
2E11	—	REVERSED FORKED PARAGRAPHOS
2E12	⸉	HYPODIASTOLE
2E13	⸌	DOTTED OBELOS → 2052 % commercial minus
2E14	⸍	DOWNWARDS ANCORA
2E15	⸎	UPWARDS ANCORA
2E16	⸏	DOTTED RIGHT-POINTING ANGLE = dipole periestigmene

UTC: 2002-08-11:  
 action to TLG to forward  
 this to WG2 for post 4.0  
 \$\$\$ formal approval  
 WG2: 2003-Oct-20  
 document: L2/02-312R,  
 N2642  
 font: TLG Post4-0  
 (private use range)  
 contact: TLG

### Ancient Near-Eastern linguistic symbol

2E17	≠	DOUBLE OBLIQUE HYPHEN <ul style="list-style-type: none"> <li>used in ancient Near-Eastern linguistics, Fraktur text uses 002D - , but Fraktur fonts have a similar glyph to this character</li> <li>→ 002D - hyphen-minus</li> <li>→ 003D = equals sign</li> <li>→ 2010 - hyphen</li> </ul>
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	A80	A81	A82
0	𑌒 A800	𑌓 A810	𑌔 A820
1	𑌕 A801	𑌖 A811	𑌗 A821
2	𑌘 A802	𑌙 A812	𑌚 A822
3	𑌛 A803	𑌜 A813	𑌝 A823
4	𑌞 A804	𑌟 A814	𑌠 A824
5	𑌢 A805	𑌣 A815	𑌤 A825
6	𑌧 A806	𑌨 A816	𑌩 A826
7	𑌫 A807	𑌬 A817	𑌭 A827
8	𑌱 A808	𑌲 A818	𑌳 A828
9	𑌷 A809	𑌸 A819	𑌹 A829
A	𑌻 A80A	𑌼 A81A	𑌽 A82A
B	𑌿 A80B	𑍀 A81B	𑍁 A82B
C	𑍅 A80C	𑍆 A81C	
D	𑍊 A80D	𑍋 A81D	
E	𑍏 A80E	𑍐 A81E	
F	𑍕 A80F	𑍖 A81F	

**Independent vowels and dvisvara**

- A800 𑌒 SYLOTI NAGRI LETTER A  
A801 𑌓 SYLOTI NAGRI LETTER I  
A802 𑌘 SYLOTI NAGRI SIGN DVISVARA  
A803 𑌕 SYLOTI NAGRI LETTER U  
A804 𑌖 SYLOTI NAGRI LETTER E  
A805 𑌗 SYLOTI NAGRI LETTER O

**Sign**

- A806 𑌘 SYLOTI NAGRI SIGN HASANTA  
= halant, virama

**Consonants and consonant signs**

































































- A807 𑌛 SYLOTI NAGRI LETTER KO  
A808 𑌜 SYLOTI NAGRI LETTER KHO  
A809 𑌟 SYLOTI NAGRI LETTER GO  
A80A 𑌞 SYLOTI NAGRI LETTER GHO  
A80B 𑌘 SYLOTI NAGRI SIGN ANUSVARA  
A80C 𑌢 SYLOTI NAGRI LETTER CO  
A80D 𑌤 SYLOTI NAGRI LETTER CHO  
A80E 𑌣 SYLOTI NAGRI LETTER JO  
A80F 𑌨 SYLOTI NAGRI LETTER JHO  
A810 𑌓 SYLOTI NAGRI LETTER TTO  
A811 𑌖 SYLOTI NAGRI LETTER TTHO  
A812 𑌙 SYLOTI NAGRI LETTER DDO  
A813 𑌜 SYLOTI NAGRI LETTER DDHO  
A814 𑌟 SYLOTI NAGRI LETTER TO  
A815 𑌟 SYLOTI NAGRI LETTER THO  
A816 𑌨 SYLOTI NAGRI LETTER DO  
A817 𑌣 SYLOTI NAGRI LETTER DHO  
A818 𑌟 SYLOTI NAGRI LETTER NO  
A819 𑌣 SYLOTI NAGRI LETTER PO  
A81A 𑌼 SYLOTI NAGRI LETTER PHO  
A81B 𑌞 SYLOTI NAGRI LETTER BO  
A81C 𑌞 SYLOTI NAGRI LETTER BHO  
A81D 𑌟 SYLOTI NAGRI LETTER MO  
A81E 𑌟 SYLOTI NAGRI LETTER RO  
A81F 𑌗 SYLOTI NAGRI LETTER LO  
A820 𑌔 SYLOTI NAGRI LETTER RRO  
A821 𑌗 SYLOTI NAGRI LETTER SO  
A822 𑌛 SYLOTI NAGRI LETTER HO

**Dependent vowel signs**

- A823 𑌠 SYLOTI NAGRI VOWEL SIGN A  
A824 𑌠 SYLOTI NAGRI VOWEL SIGN I  
A825 𑌠 SYLOTI NAGRI VOWEL SIGN U  
A826 𑌠 SYLOTI NAGRI VOWEL SIGN E  
A827 𑌠 SYLOTI NAGRI VOWEL SIGN OO

**Various signs**

- A828 𑌘 SYLOTI NAGRI POETRY MARK-1  
A829 𑌘 SYLOTI NAGRI POETRY MARK-2  
A82A 𑌘 SYLOTI NAGRI POETRY MARK-3  
A82B 𑌘 SYLOTI NAGRI POETRY MARK-4

	A84	A85	A86	A87
0	 A840	 A850	 A860	 A870
1	 A841	 A851	 A861	 A871
2	 A842	 A852	 A862	 A872
3	 A843	 A853	 A863	 A873
4	 A844	 A854	 A864	
5	 A845	 A855	 A865	
6	 A846	 A856	 A866	
7	 A847	 A857	 A867	
8	 A848	 A858	 A868	
9	 A849	 A859	 A869	
A	 A84A	 A85A	 A86A	
B	 A84B	 A85B	 A86B	
C	 A84C	 A85C	 A86C	
D	 A84D	 A85D	 A86D	
E	 A84E	 A85E	 A86E	
F	 A84F	 A85F	 A86F	

UTC: 2003-Aug-2003  
 \$\$\$\$ block  
 WG2: 2003-Oct-21  
 document: L2 03/229R2,  
 N2622  
 font: Phags-pa Unicode  
 Reference  
 contact: Rick McGowan,  
 Andrew C West

## Consonants

A840	ྀ	PHAGS-PA LETTER KA → 0F40 ྀ tibetan letter ka
A841	ྀ	PHAGS-PA LETTER KHA → 0F41 ྀ tibetan letter kha
A842	ྀ	PHAGS-PA LETTER GA → 0F42 ྀ tibetan letter ga
A843	ྀ	PHAGS-PA LETTER NGA → 0F44 ྀ tibetan letter nga
A844	ྀ	PHAGS-PA LETTER CA → 0F45 ྀ tibetan letter ca
A845	ྀ	PHAGS-PA LETTER CHA → 0F46 ྀ tibetan letter cha
A846	ྀ	PHAGS-PA LETTER JA → 0F47 ྀ tibetan letter ja
A847	ྀ	PHAGS-PA LETTER NYA → 0F49 ྀ tibetan letter nya
A848	ྀ	PHAGS-PA LETTER TTA → 0F4A ྀ tibetan letter tta
A849	ྀ	PHAGS-PA LETTER TTHA → 0F4B ྀ tibetan letter ttha
A84A	ྀ	PHAGS-PA LETTER DDA → 0F4C ྀ tibetan letter dda
A84B	ྀ	PHAGS-PA LETTER NNA → 0F4E ྀ tibetan letter nna
A84C	ྀ	PHAGS-PA LETTER TA → 0F4F ྀ tibetan letter ta
A84D	ྀ	PHAGS-PA LETTER THA → 0F50 ྀ tibetan letter tha
A84E	ྀ	PHAGS-PA LETTER DA → 0F51 ྀ tibetan letter da
A84F	ྀ	PHAGS-PA LETTER NA → 0F53 ྀ tibetan letter na
A850	ྀ	PHAGS-PA LETTER PA → 0F54 ྀ tibetan letter pa
A851	ྀ	PHAGS-PA LETTER PHA → 0F55 ྀ tibetan letter pha
A852	ྀ	PHAGS-PA LETTER BA → 0F56 ྀ tibetan letter ba
A853	ྀ	PHAGS-PA LETTER MA → 0F58 ྀ tibetan letter ma
A854	ྀ	PHAGS-PA LETTER TSA → 0F59 ྀ tibetan letter tsa
A855	ྀ	PHAGS-PA LETTER TSHA → 0F5A ྀ tibetan letter tsha
A856	ྀ	PHAGS-PA LETTER DZA → 0F5B ྀ tibetan letter dza
A857	ྀ	PHAGS-PA LETTER WA → 0F5D ྀ tibetan letter wa
A858	ྀ	PHAGS-PA LETTER ZHA → 0F5E ྀ tibetan letter zha
A859	ྀ	PHAGS-PA LETTER ZA → 0F5F ྀ tibetan letter za
A85A	ྀ	PHAGS-PA LETTER -A

A85B	ྀ	→ 0F60 ྀ tibetan letter -a PHAGS-PA LETTER YA → 0F61 ྀ tibetan letter ya
A85C	ྀ	PHAGS-PA LETTER RA → 0F62 ྀ tibetan letter ra
A85D	ྀ	PHAGS-PA LETTER LA → 0F63 ྀ tibetan letter la
A85E	ྀ	PHAGS-PA LETTER SHA → 0F64 ྀ tibetan letter sha
A85F	ྀ	PHAGS-PA LETTER SA → 0F66 ྀ tibetan letter sa
A860	ྀ	PHAGS-PA LETTER HA → 0F67 ྀ tibetan letter ha
A861	ྀ	PHAGS-PA LETTER A → 0F68 ྀ tibetan letter a
A862	ྀ	PHAGS-PA LETTER QA
A863	ྀ	PHAGS-PA LETTER XA
A864	ྀ	PHAGS-PA LETTER FA
A865	ྀ	PHAGS-PA LETTER GGA
A866	ྀ	PHAGS-PA SUBJOINED LETTER WA → 0FAD ྀ tibetan subjoined letter wa
A867	ྀ	PHAGS-PA SUBJOINED LETTER YA → 0FB1 ྀ tibetan subjoined letter ya
A868	ྀ	PHAGS-PA SUBJOINED LETTER RA → 0FB2 ྀ tibetan subjoined letter ra
A869	ྀ	PHAGS-PA SUPERFIXED LETTER RA → 0F62 ྀ tibetan letter ra

## Vowels

A86A	ྀ	PHAGS-PA LETTER I → 0F72 ྀ tibetan vowel sign i
A86B	ྀ	PHAGS-PA LETTER U → 0F74 ྀ tibetan vowel sign u
A86C	ྀ	PHAGS-PA LETTER E → 0F7A ྀ tibetan vowel sign e
A86D	ྀ	PHAGS-PA LETTER O → 0F7C ྀ tibetan vowel sign o
A86E	ྀ	PHAGS-PA LETTER EE

## Candrabindu

A86F	ྀ	PHAGS-PA LETTER CANDRABINDU → 0F83 ྀ tibetan sign sna ldan → 0F7E ྀ tibetan sign rjes su nga ro
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## Marks

A870	ྀ	PHAGS-PA SINGLE HEAD MARK • marks beginning of text → 0F04 ྀ tibetan mark initial yig mgo mdun ma
A871	ྀ	PHAGS-PA DOUBLE HEAD MARK • marks beginning of text → 0F04 ྀ tibetan mark initial yig mgo mdun ma → 0F05 ྀ tibetan mark closing yig mgo sgab ma

UTC: \$\$\$\$ handle  
 exception rules for loose  
 matching

**Punctuation**

- A872 ◡ PHAGS-PA MARK SHAD  
→ 0F0D ꞑ tibetan mark shad
- A873 ≡ PHAGS-PA MARK DOUBLE SHAD  
→ 0F0E ꞑꞑ tibetan mark nyis shad

	1014	1015	1016	1017	1018
0	⸁ 10140	⸂ 10150	⸃ 10160	⸄ 10170	⸅ 10180
1	⸆ 10141	⸇ 10151	⸈ 10161	⸉ 10171	⸊ 10181
2	⸋ 10142	⸌ 10152	⸍ 10162	⸎ 10172	⸏ 10182
3	⸐ 10143	⸑ 10153	⸒ 10163	⸓ 10173	⸔ 10183
4	⸕ 10144	⸖ 10154	⸗ 10164	⸘ 10174	⸙ 10184
5	⸚ 10145	⸛ 10155	⸜ 10165	⸝ 10175	⸞ 10185
6	⸟ 10146	⸠ 10156	⸡ 10166	⸢ 10176	⸣ 10186
7	⸤ 10147	⸥ 10157	⸦ 10167	⸧ 10177	⸨ 10187
8	⸩ 10148	⸪ 10158	⸫ 10168	⸬ 10178	⸭ 10188
9	⸮ 10149	ⸯ 10159	⸰ 10169	⸱ 10179	⸲ 10189
A	⸳ 1014A	⸴ 1015A	⸵ 1016A	⸶ 1017A	
B	⸷ 1014B	⸸ 1015B	⸹ 1016B	⸺ 1017B	
C	⸻ 1014C	⸼ 1015C	⸽ 1016C	⸾ 1017C	
D	⸿ 1014D	⺀ 1015D	⺁ 1016D	⺂ 1017D	
E	⺃ 1014E	⺄ 1015E	⺅ 1016E	⺆ 1017E	
F	⺇ 1014F	⺈ 1015F	⺉ 1016F	⺊ 1017F	

UTC: 2003-Jun-11 \$\$\$  
names were updated for  
2623  
WG2: 2003-Oct-20  
font: TLG Post 4-0  
document: L2/03-  
075R2, L2/03-158R,  
N2612-2, N2612-3  
contact: TLG

### Ancient Greek acrophonic numerals

*These are shown as sans-serif forms since that corresponds more closely to their appearance in ancient texts*

10140	⸁	GREEK ACROPHONIC ATTIC ONE QUARTER
10141	⸂	GREEK ACROPHONIC ATTIC ONE HALF
10142	⸃	GREEK ACROPHONIC ATTIC ONE DRACHMA
10143	⸄	GREEK ACROPHONIC ATTIC FIVE
10144	⸅	GREEK ACROPHONIC ATTIC FIFTY
10145	⸆	GREEK ACROPHONIC ATTIC FIVE HUNDRED
10146	⸇	GREEK ACROPHONIC ATTIC FIVE THOUSAND
10147	⸈	GREEK ACROPHONIC ATTIC FIFTY THOUSAND
10148	⸉	GREEK ACROPHONIC ATTIC FIVE TALENTS
10149	⸊	GREEK ACROPHONIC ATTIC TEN TALENTS
1014A	⸋	GREEK ACROPHONIC ATTIC FIFTY TALENTS
1014B	⸌	GREEK ACROPHONIC ATTIC ONE HUNDRED TALENTS
1014C	⸍	GREEK ACROPHONIC ATTIC FIVE HUNDRED TALENTS
1014D	⸎	GREEK ACROPHONIC ATTIC ONE THOUSAND TALENTS
1014E	⸏	GREEK ACROPHONIC ATTIC FIVE THOUSAND TALENTS
1014F	⸐	GREEK ACROPHONIC ATTIC FIVE STATERS
10150	⸑	GREEK ACROPHONIC ATTIC TEN STATERS
10151	⸒	GREEK ACROPHONIC ATTIC FIFTY STATERS
10152	⸓	GREEK ACROPHONIC ATTIC ONE HUNDRED STATERS
10153	⸔	GREEK ACROPHONIC ATTIC FIVE HUNDRED STATERS
10154	⸕	GREEK ACROPHONIC ATTIC ONE THOUSAND STATERS
10155	⸖	GREEK ACROPHONIC ATTIC TEN THOUSAND STATERS
10156	⸗	GREEK ACROPHONIC ATTIC FIFTY THOUSAND STATERS
10157	⸘	GREEK ACROPHONIC ATTIC TEN MNAS
10158	⸙	GREEK ACROPHONIC HERAEUM ONE PLETHON
10159	⸚	GREEK ACROPHONIC THESPIAN ONE
1015A	⸛	GREEK ACROPHONIC HERMIONE ONE
1015B	⸜	GREEK ACROPHONIC EPIDAUREAN TWO
1015C	⸝	GREEK ACROPHONIC THESPIAN TWO



















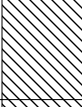







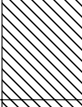
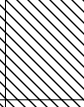



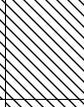



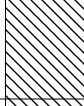



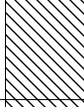



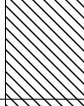



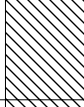



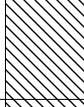



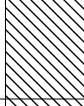



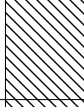




1015D	⸞	GREEK ACROPHONIC CYRENAIC TWO DRACHMAS
1015E	⸟	GREEK ACROPHONIC EPIDAUREAN TWO DRACHMAS • top line at cap height unlike 10111 = → 10111 = aegean number twenty
1015F	⸠	GREEK ACROPHONIC TROEZENIAN FIVE
10160	⸡	GREEK ACROPHONIC TROEZENIAN TEN
10161	⸢	GREEK ACROPHONIC TROEZENIAN TEN ALTERNATE FORM
10162	⸣	GREEK ACROPHONIC HERMIONIAN TEN
10163	⸤	GREEK ACROPHONIC MESSENIAN TEN
10164	⸥	GREEK ACROPHONIC THESPIAN TEN
10165	⸦	GREEK ACROPHONIC THESPIAN THIRTY
10166	⸧	GREEK ACROPHONIC TROEZENIAN FIFTY
10167	⸨	GREEK ACROPHONIC TROEZENIAN FIFTY ALTERNATE FORM
10168	⸩	GREEK ACROPHONIC HERMIONIAN FIFTY
10169	⸪	GREEK ACROPHONIC THESPIAN FIFTY
1016A	⸬	GREEK ACROPHONIC THESPIAN ONE HUNDRED
1016B	⸭	GREEK ACROPHONIC THESPIAN THREE HUNDRED
1016C	⸮	GREEK ACROPHONIC EPIDAUREAN FIVE HUNDRED
1016D	ⸯ	GREEK ACROPHONIC TROEZENIAN FIVE HUNDRED
1016E	⸰	GREEK ACROPHONIC THESPIAN FIVE HUNDRED
1016F	⸱	GREEK ACROPHONIC CARYSTIAN FIVE HUNDRED
10170	⸲	GREEK ACROPHONIC NAXIAN FIVE HUNDRED
10171	⸳	GREEK ACROPHONIC THESPIAN ONE THOUSAND
10172	⸴	GREEK ACROPHONIC THESPIAN FIVE THOUSAND
10173	⸵	GREEK ACROPHONIC DELPHIC FIVE MNAS
10174	⸶	GREEK ACROPHONIC STRATIAN FIFTY MNAS

### Ancient Greek Papyrological Numbers

10175	⸷	GREEK ONE HALF SIGN
10176	⸸	GREEK ONE HALF SIGN ALTERNATE FORM
10177	⸹	GREEK TWO THIRDS SIGN
10178	⸺	GREEK THREE QUARTERS SIGN
10179	⸻	GREEK YEAR SIGN
1017A	⸼	GREEK TALENT SIGN
1017B	⸽	GREEK DRACHMA SIGN



1017C	~	GREEK OBOL SIGN
1017D	≈	GREEK TWO OBOLS SIGN
1017E	∟	GREEK THREE OBOLS SIGN
1017F	ƒ	GREEK FOUR OBOLS SIGN
10180	ƒ	GREEK FIVE OBOLS SIGN
10181	⊥	GREEK METRETES SIGN
10182	⌘	GREEK KYATHOS BASE SIGN
10183	Ϛ	GREEK LITRA SIGN
10184	Ϟ	GREEK OUNKIA SIGN
10185	∞	GREEK XESTES SIGN
10186	⋄	GREEK ARTABE SIGN
10187	⌋	GREEK AROURA SIGN
10188	Γ <sup>ρ</sup>	GREEK GRAMMA SIGN
10189	Ϙ	GREEK TRYBLION BASE SIGN

	103A	103B	103C	103D
0	 103A0	 103B0	 103C0	 103D0
1	 103A1	 103B1	 103C1	 103D1
2	 103A2	 103B2	 103C2	 103D2
3	 103A3	 103B3	 103C3	 103D3
4	 103A4	 103B4		 103D4
5	 103A5	 103B5		 103D5
6	 103A6	 103B6		
7	 103A7	 103B7		
8	 103A8	 103B8	 103C8	
9	 103A9	 103B9	 103C9	
A	 103AA	 103BA	 103CA	
B	 103AB	 103BB	 103CB	
C	 103AC	 103BC	 103CC	
D	 103AD	 103BD	 103CD	
E	 103AE	 103BE	 103CE	
F	 103AF	 103BF	 103CF	

UTC: 2003-Aug-28  
 WG2: 2003-Oct-21  
 document: L2 03/149 -  
 N2583R  
 contact: Everson  
 font: Everson Mono Old  
 Persian

## Independent vowels

103A0 𐎠 OLD PERSIAN SIGN A  
 103A1 𐎡 OLD PERSIAN SIGN I  
 103A2 𐎢 OLD PERSIAN SIGN U

103D2 𐎠 OLD PERSIAN NUMBER TWO  
 103D3 𐎡 OLD PERSIAN NUMBER TEN  
 103D4 𐎢 OLD PERSIAN NUMBER TWENTY  
 103D5 𐎣 OLD PERSIAN NUMBER HUNDRED

## Consonants

103A3 𐎣 OLD PERSIAN SIGN KA  
 103A4 𐎤 OLD PERSIAN SIGN KU  
 103A5 𐎥 OLD PERSIAN SIGN GA  
 103A6 𐎦 OLD PERSIAN SIGN GU  
 103A7 𐎧 OLD PERSIAN SIGN XA  
 103A8 𐎨 OLD PERSIAN SIGN CA  
 103A9 𐎩 OLD PERSIAN SIGN JA  
 103AA 𐎪 OLD PERSIAN SIGN JI  
 103AB 𐎫 OLD PERSIAN SIGN TA  
 103AC 𐎬 OLD PERSIAN SIGN TU  
 103AD 𐎭 OLD PERSIAN SIGN DA  
 103AE 𐎮 OLD PERSIAN SIGN DI  
 103AF 𐎯 OLD PERSIAN SIGN DU  
 103B0 𐎰 OLD PERSIAN SIGN THA  
 103B1 𐎱 OLD PERSIAN SIGN PA  
 103B2 𐎲 OLD PERSIAN SIGN BA  
 103B3 𐎳 OLD PERSIAN SIGN FA  
 103B4 𐎴 OLD PERSIAN SIGN NA  
 103B5 𐎵 OLD PERSIAN SIGN NU  
 103B6 𐎶 OLD PERSIAN SIGN MA  
 103B7 𐎷 OLD PERSIAN SIGN MI  
 103B8 𐎸 OLD PERSIAN SIGN MU  
 103B9 𐎹 OLD PERSIAN SIGN YA  
 103BA 𐎺 OLD PERSIAN SIGN VA  
 103BB 𐎻 OLD PERSIAN SIGN VI  
 103BC 𐎼 OLD PERSIAN SIGN RA  
 103BD 𐎽 OLD PERSIAN SIGN RU  
 103BE 𐎾 OLD PERSIAN SIGN LA  
 103BF 𐎿 OLD PERSIAN SIGN SA  
 103C0 𐏀 OLD PERSIAN SIGN ZA  
 103C1 𐏁 OLD PERSIAN SIGN SHA  
 103C2 𐏂 OLD PERSIAN SIGN SSA  
 103C3 𐏃 OLD PERSIAN SIGN HA

## Various signs

103C8 𐏄 OLD PERSIAN SIGN AURAMAZDAA  
 103C9 𐏅 OLD PERSIAN SIGN AURAMAZDAA-2  
 103CA 𐏆 OLD PERSIAN SIGN AURAMAZDAAHA  
 103CB 𐏇 OLD PERSIAN SIGN XSHAAYATHIYA  
 103CC 𐏈 OLD PERSIAN SIGN DAHYAAUSH  
 103CD 𐏉 OLD PERSIAN SIGN DAHYAAUSH-2  
 103CE 𐏊 OLD PERSIAN SIGN BAGA  
 103CF 𐏋 OLD PERSIAN SIGN BUUMISH

## Punctuation

103D0 𐏌 OLD PERSIAN WORD DIVIDER

## Numbers

103D1 𐏍 OLD PERSIAN NUMBER ONE

	10A0	10A1	10A2	10A3	10A4	10A5
0	𑀀 10A00	𑀁 10A10	𑀂 10A20	𑀃 10A30	𑀄 10A40	𑀅 10A50
1	𑀆 10A01	𑀇 10A11	𑀈 10A21	𑀉 10A31	𑀊 10A41	𑀋 10A51
2	𑀌 10A02	𑀍 10A12	𑀎 10A22	𑀏 10A32	𑀐 10A42	𑀑 10A52
3	𑀒 10A03	𑀓 10A13	𑀔 10A23	𑀕 10A33	𑀖 10A43	𑀗 10A53
4	𑀘 10A04	𑀙 10A14	𑀚 10A24	𑀛 10A34	𑀜 10A44	𑀝 10A54
5	𑀞 10A05	𑀟 10A15	𑀠 10A25	𑀡 10A35	𑀢 10A45	𑀣 10A55
6	𑀤 10A06	𑀥 10A16	𑀦 10A26	𑀧 10A36	𑀨 10A46	𑀩 10A56
7	𑀪 10A07	𑀫 10A17	𑀬 10A27	𑀭 10A37	𑀮 10A47	𑀯 10A57
8	𑀰 10A08	𑀱 10A18	𑀲 10A28	𑀳 10A38	𑀴 10A48	𑀵 10A58
9	𑀶 10A09	𑀷 10A19	𑀸 10A29	𑀹 10A39	𑀺 10A49	𑀻 10A59
A	𑀼 10A0A	𑀽 10A1A	𑀾 10A2A	𑀿 10A3A	𑁀 10A4A	𑁁 10A5A
B	𑁂 10A0B	𑁃 10A1B	𑁄 10A2B	𑁅 10A3B	𑁆 10A4B	𑁇 10A5B
C	𑁈 10A0C	𑁉 10A1C	𑁊 10A2C	𑁋 10A3C	𑁌 10A4C	𑁍 10A5C
D	𑁎 10A0D	𑁏 10A1D	𑁐 10A2D	𑁑 10A3D	𑁒 10A4D	𑁓 10A5D
E	𑁔 10A0E	𑁕 10A1E	𑁖 10A2E	𑁗 10A3E	𑁘 10A4E	𑁙 10A5E
F	𑁚 10A0F	𑁛 10A1F	𑁜 10A2F	𑁝 10A3F	𑁞 10A4F	𑁟 10A5F

**Vowels**

- 10A00 ʘ KHAROSHTHI LETTER A  
 10A01 ʘ KHAROSHTHI VOWEL SIGN I  
 10A02 ʘ KHAROSHTHI VOWEL SIGN U  
 10A03 ʘ KHAROSHTHI VOWEL SIGN VOCALIC R  
 10A04 ʘ <reserved>  
 10A05 ʘ KHAROSHTHI VOWEL SIGN E  
 10A06 ʘ KHAROSHTHI VOWEL SIGN O

**Length mark**

- 10A0C ʘ KHAROSHTHI VOWEL LENGTH MARK

**Various signs**

- 10A0D ʘ KHAROSHTHI SIGN DOUBLE RING BELOW  
 10A0E ʘ KHAROSHTHI SIGN ANUSVARA  
 10A0F ʘ KHAROSHTHI SIGN VISARGA

**Consonants**

- 10A10 ʘ KHAROSHTHI LETTER KA  
 10A11 ʘ KHAROSHTHI LETTER KHA  
 10A12 ʘ KHAROSHTHI LETTER GA  
 10A13 ʘ KHAROSHTHI LETTER GHA  
 10A14 ʘ <reserved>  
 10A15 ʘ KHAROSHTHI LETTER CA  
 10A16 ʘ KHAROSHTHI LETTER CHA  
 10A17 ʘ KHAROSHTHI LETTER JA  
 10A18 ʘ <reserved>  
 10A19 ʘ KHAROSHTHI LETTER NYA  
 10A1A ʘ KHAROSHTHI LETTER TTA  
 10A1B ʘ KHAROSHTHI LETTER TTHA  
 10A1C ʘ KHAROSHTHI LETTER DDA  
 10A1D ʘ KHAROSHTHI LETTER DDHA  
 10A1E ʘ KHAROSHTHI LETTER NNA  
 10A1F ʘ KHAROSHTHI LETTER TA  
 10A20 ʘ KHAROSHTHI LETTER THA  
 10A21 ʘ KHAROSHTHI LETTER DA  
 10A22 ʘ KHAROSHTHI LETTER DHA  
 10A23 ʘ KHAROSHTHI LETTER NA  
 10A24 ʘ KHAROSHTHI LETTER PA  
 10A25 ʘ KHAROSHTHI LETTER PHA  
 10A26 ʘ KHAROSHTHI LETTER BA  
 10A27 ʘ KHAROSHTHI LETTER BHA  
 10A28 ʘ KHAROSHTHI LETTER MA  
 10A29 ʘ KHAROSHTHI LETTER YA  
 10A2A ʘ KHAROSHTHI LETTER RA  
 10A2B ʘ KHAROSHTHI LETTER LA  
 10A2C ʘ KHAROSHTHI LETTER VA  
 10A2D ʘ KHAROSHTHI LETTER SHA  
 10A2E ʘ KHAROSHTHI LETTER SSA  
 10A2F ʘ KHAROSHTHI LETTER SA  
 10A30 ʘ KHAROSHTHI LETTER ZA  
 10A31 ʘ KHAROSHTHI LETTER HA  
 10A32 ʘ KHAROSHTHI LETTER KKA

- 10A33 ʘ KHAROSHTHI LETTER TTTHA

**Various signs**

- 10A38 ʘ KHAROSHTHI SIGN BAR ABOVE  
 10A39 ʘ KHAROSHTHI SIGN CAUDA  
 10A3A ʘ KHAROSHTHI SIGN DOT BELOW

**Virama**

- 10A3F ʘ KHAROSHTHI VIRAMA  
 = halant  
 • suppresses inherent vowel

**Digits**







































































- 10A40 ʘ KHAROSHTHI DIGIT ONE  
 10A41 ʘ KHAROSHTHI DIGIT TWO  
 10A42 ʘ KHAROSHTHI DIGIT THREE  
 10A43 ʘ KHAROSHTHI DIGIT FOUR

**Numbers**

- 10A44 ʘ KHAROSHTHI NUMBER TEN  
 10A45 ʘ KHAROSHTHI NUMBER TWENTY  
 10A46 ʘ KHAROSHTHI NUMBER ONE HUNDRED  
 10A47 ʘ KHAROSHTHI NUMBER ONE THOUSAND

**Punctuation**

- 10A50 ʘ KHAROSHTHI PUNCTUATION DOT  
 10A51 ʘ KHAROSHTHI PUNCTUATION SMALL CIRCLE  
 10A52 ʘ KHAROSHTHI PUNCTUATION CIRCLE  
 10A53 ʘ KHAROSHTHI PUNCTUATION CRESCENT BAR  
 10A54 ʘ KHAROSHTHI PUNCTUATION MANGALAM  
 10A55 ʘ KHAROSHTHI PUNCTUATION LOTUS  
 10A56 ʘ KHAROSHTHI PUNCTUATION DANDA  
 10A57 ʘ KHAROSHTHI PUNCTUATION DOUBLE DANDA  
 10A58 ʘ KHAROSHTHI PUNCTUATION LINES

	1D20	1D21	1D22	1D23	1D24
0	 1D200	 1D210	 1D220	 1D230	 1D240
1	 1D201	 1D211	 1D221	 1D231	 1D241
2	 1D202	 1D212	 1D222	 1D232	 1D242
3	 1D203	 1D213	 1D223	 1D233	 1D243
4	 1D204	 1D214	 1D224	 1D234	 1D244
5	 1D205	 1D215	 1D225	 1D235	 1D245
6	 1D206	 1D216	 1D226	 1D236	
7	 1D207	 1D217	 1D227	 1D237	
8	 1D208	 1D218	 1D228	 1D238	
9	 1D209	 1D219	 1D229	 1D239	
A	 1D20A	 1D21A	 1D22A	 1D23A	
B	 1D20B	 1D21B	 1D22B	 1D23B	
C	 1D20C	 1D21C	 1D22C	 1D23C	
D	 1D20D	 1D21D	 1D22D	 1D23D	
E	 1D20E	 1D21E	 1D22E	 1D23E	
F	 1D20F	 1D21F	 1D22F	 1D23F	

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 N2547  
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## Ancient Greek vocalic notation

*In a few instances vocalic and instrumental symbols have been unified with each other, in other instances they have been unified with regular Greek letters*

- 1D200 ☞ GREEK VOCAL NOTATION SYMBOL-1  
 • vocal E
- 1D201 ☞ GREEK VOCAL NOTATION SYMBOL-2  
 • vocal first sharp of E
- 1D202 ✕ GREEK VOCAL NOTATION SYMBOL-3  
 = Greek instrumental notation symbol-3  
 • vocal or instrumental second sharp of E
- 1D203 ▷ GREEK VOCAL NOTATION SYMBOL-4  
 • vocal F
- 1D204 < GREEK VOCAL NOTATION SYMBOL-5  
 • vocal first sharp of F
- 1D205 ⇨ GREEK VOCAL NOTATION SYMBOL-6  
 = Greek instrumental notation symbol-21  
 • vocal second sharp of F  
 • instrumental second sharp of d
- 1D206 ☹ GREEK VOCAL NOTATION SYMBOL-7  
 = Greek instrumental notation symbol-9  
 • vocal G  
 • instrumental second sharp of G
- 1D207 b GREEK VOCAL NOTATION SYMBOL-8  
 • vocal first sharp of G
- 1D208 ⊏ GREEK VOCAL NOTATION SYMBOL-9  
 = Greek instrumental notation symbol-44  
 • vocal second sharp of G  
 • instrumental first sharp of e´
- 1D209 ♀ GREEK VOCAL NOTATION SYMBOL-10  
 • vocal A  
 • This is a modification of 039F O , and is therefore not the same as 03D8 Q
- 1D20A ≡ GREEK VOCAL NOTATION SYMBOL-11  
 • vocal first sharp of A
- 1D20B ∩ GREEK VOCAL NOTATION SYMBOL-12  
 • vocal second sharp of A
- 1D20C W GREEK VOCAL NOTATION SYMBOL-13  
 • vocal B
- 1D20D V GREEK VOCAL NOTATION SYMBOL-14  
 = Greek instrumental notation symbol-41  
 • vocal first sharp of B  
 • instrumental first sharp of d´  
 → 0056 V latin capital letter v
- 1D20E ∞ GREEK VOCAL NOTATION SYMBOL-15  
 = Greek instrumental notation symbol-35  
 • vocal second sharp of B  
 • instrumental first sharp of b

- 1D20F \ GREEK VOCAL NOTATION SYMBOL-16  
 • vocal c  
 • unlike 1D23B \ this character has a glyph variant that looks like a horizontal line
- 1D210 ∞ GREEK VOCAL NOTATION SYMBOL-17  
 • vocal first sharp of c
- 1D211 H GREEK VOCAL NOTATION SYMBOL-18  
 = Greek instrumental notation symbol-15  
 • vocal second sharp of c  
 • instrumental second sharp of B
- 1D212 7 GREEK VOCAL NOTATION SYMBOL-19  
 • vocal d
- 1D213 F GREEK VOCAL NOTATION SYMBOL-20  
 = Greek instrumental notation symbol-28  
 • vocal first sharp of d  
 • instrumental g  
 • This is a modification of 0395 E , and is therefore not the same as 0046 F
- 1D214 ∇ GREEK VOCAL NOTATION SYMBOL-21  
 • vocal second sharp of d
- 1D215 7 GREEK VOCAL NOTATION SYMBOL-22  
 • vocal e
- 1D216 R GREEK VOCAL NOTATION SYMBOL-23  
 • vocal first sharp of e  
 • This is a modification of 0392 B , and is therefore not the same as 0052 R
- 1D217 ∇ GREEK VOCAL NOTATION SYMBOL-24  
 • vocal second sharp of e
- 1D218 h GREEK VOCAL NOTATION SYMBOL-50  
 • vocal first sharp of g´
- 1D219 ✕ GREEK VOCAL NOTATION SYMBOL-51  
 • vocal second sharp of g´
- 1D21A ⊕ GREEK VOCAL NOTATION SYMBOL-52  
 • vocal a´
- 1D21B λ GREEK VOCAL NOTATION SYMBOL-53  
 • vocal first sharp of a´
- 1D21C ⊥ GREEK VOCAL NOTATION SYMBOL-54  
 = Greek instrumental notation symbol-20  
 • vocal second sharp of a´  
 • instrumental first sharp of d

## Ancient Greek instrumental notation

- 1D21D ☞ GREEK INSTRUMENTAL NOTATION SYMBOL-1  
 • instrumental E

1D21E	ϵ	GREEK INSTRUMENTAL NOTATION SYMBOL-2	1D231	ο	GREEK INSTRUMENTAL NOTATION SYMBOL-32
		• instrumental first sharp of e			• instrumental first sharp of a
1D21F	Ϝ	GREEK INSTRUMENTAL NOTATION SYMBOL-4	1D232	Ϡ	GREEK INSTRUMENTAL NOTATION SYMBOL-36
		• instrumental F			• instrumental second sharp of b
1D220	Ϥ	GREEK INSTRUMENTAL NOTATION SYMBOL-5	1D233	ϥ	GREEK INSTRUMENTAL NOTATION SYMBOL-37
		• instrumental first sharp of F			• instrumental c'
1D221	Ϟ	GREEK INSTRUMENTAL NOTATION SYMBOL-7	1D234	ϧ	GREEK INSTRUMENTAL NOTATION SYMBOL-38
		• instrumental G			• instrumental first sharp of c'
1D222	ω	GREEK INSTRUMENTAL NOTATION SYMBOL-8	1D235	Δ	GREEK INSTRUMENTAL NOTATION SYMBOL-39
		• instrumental first sharp of G			• instrumental second sharp of c'
1D223	Ϩ	GREEK INSTRUMENTAL NOTATION SYMBOL-11	1D236	<	GREEK INSTRUMENTAL NOTATION SYMBOL-40
		• instrumental first sharp of A			• instrumental d'
1D224	ϩ	GREEK INSTRUMENTAL NOTATION SYMBOL-12	1D237	>	GREEK INSTRUMENTAL NOTATION SYMBOL-42
		• instrumental second sharp of A			• instrumental second sharp of d'
1D225	ϫ	GREEK INSTRUMENTAL NOTATION SYMBOL-13	1D238	⊖	GREEK INSTRUMENTAL NOTATION SYMBOL-43
		• instrumental B			• instrumental e'
1D226	Ϭ	GREEK INSTRUMENTAL NOTATION SYMBOL-14	1D239	⊗	GREEK INSTRUMENTAL NOTATION SYMBOL-45
		• instrumental first sharp of B			• instrumental second sharp of e'
1D227	ϭ	GREEK INSTRUMENTAL NOTATION SYMBOL-17	1D23A	/	GREEK INSTRUMENTAL NOTATION SYMBOL-47
		• instrumental first sharp of c			• instrumental first sharp of f'
1D228	Ϯ	GREEK INSTRUMENTAL NOTATION SYMBOL-18			• Similar but not identical to 002F /
		• instrumental second sharp of c	1D23B	\	GREEK INSTRUMENTAL NOTATION SYMBOL-48
1D229	ϯ	GREEK INSTRUMENTAL NOTATION SYMBOL-19			• instrumental second sharp of f'
		• instrumental d			• Similar but not identical to 005C \
1D22A	ϰ	GREEK INSTRUMENTAL NOTATION SYMBOL-23	1D23C	⊔	GREEK INSTRUMENTAL NOTATION SYMBOL-49
		• instrumental first sharp of e			• instrumental g'
1D22B	ϱ	GREEK INSTRUMENTAL NOTATION SYMBOL-24	1D23D	⊕	GREEK INSTRUMENTAL NOTATION SYMBOL-50
		• instrumental second sharp of e			• instrumental first sharp of g'
1D22C	ϲ	GREEK INSTRUMENTAL NOTATION SYMBOL-25	1D23E	⊖	GREEK INSTRUMENTAL NOTATION SYMBOL-51
		• instrumental f			• instrumental second sharp of g'
1D22D	ϳ	GREEK INSTRUMENTAL NOTATION SYMBOL-26	1D23F	ϣ	GREEK INSTRUMENTAL NOTATION SYMBOL-52
		• instrumental first sharp of f			• instrumental a'
1D22E	ϴ	GREEK INSTRUMENTAL NOTATION SYMBOL-27	1D240	⊗	GREEK INSTRUMENTAL NOTATION SYMBOL-53
		• instrumental second sharp of f			• instrumental first sharp of a'
1D22F	ϵ	GREEK INSTRUMENTAL NOTATION SYMBOL-29	1D241	⊘	GREEK INSTRUMENTAL NOTATION SYMBOL-54
		• instrumental first sharp of g			• instrumental second sharp of a'
1D230	϶	GREEK INSTRUMENTAL NOTATION SYMBOL-30			
		• instrumental second sharp of g			

### Further Greek musical notation symbols

1D242 ϝ COMBINING GREEK MUSICAL TRISEME



- 1D243  $\text{𐀓}$  COMBINING GREEK MUSICAL  
TETRASEME
- 1D244  $\text{𐀔}$  COMBINING GREEK MUSICAL  
PENTASEME
- 1D245  $\text{𐀕}$  GREEK MUSICAL LEIMMA

1D60 1D61 1D62 1D63 1D64 1D65 1D66 1D67 1D68 1D69 1D6A 1D6B 1D6C 1D6D 1D6E 1D6F

0																
1																
2																
3																
4										<i>l</i> 1D6A4						
5										<i>J</i> 1D6A5						
6																
7																
8																
9																
A																
B																
C																
D																
E																
F																

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 font: Alphamath UC4

## Dotless symbols

*For use as independent symbols. Not required as base characters for accents since regular *i* and *j* are soft-dotted in Unicode.*

- 1D6A4 *i* MATHEMATICAL ITALIC SMALL  
 DOTLESS I  
 = `\imath`  
 → 0131 **ı** latin small letter dotless i  
 → 1D456 *i* mathematical italic small i
- 1D6A5 *j* MATHEMATICAL ITALIC SMALL  
 DOTLESS J  
 = `\jmath`  
 → 0237 **ĵ** latin small letter dotless j  
 → 1D457 *j* mathematical italic small i