
Information technology — Universal Coded Character Set (UCS)

AMENDMENT 2: Nandinagari, Georgian extension, and other characters

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

*AMENDEMENT 2: Caractères nandinagari, extension pour les
caractères géorgiens et autres caractères*





COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2019

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents) or the IEC list of patent declarations received (see <http://patents.iec.ch>).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

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

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Information technology — Universal Coded Character Set (UCS) —

AMENDMENT 2: Nandinagari, Georgian extension, and other characters

16.6.3 Ideographic variation sequences

Insert a new sentence at the end of the first paragraph:

The purpose of IVD registration is to provide a technical solution to represent ideographs variants that are considered unifiable (see Annex S) and should not be encoded in CJK Unified ideographs.

23.1 List of source references (for CJK ideographs)

In the list of Hanzi G sources, insert the following entries:

GCE Chemistry Elements (化学元素中文用字)

In the list of Hanzi H sources, insert the following entry:

HD Hong Kong Supplementary Character Set – 2016

In the list of ChuNom V sources, insert the following entry:

VU VHN 06: 2007, Viện Nghiên cứu Hán Nôm & Hội Bảo tồn Di sản chữ Nôm

23.2 Source reference file for CJK ideographs

In Table 5, add the format definitions according to the list of third field format per the following table:

Tag Value	Third field format
kIRG_Gsource	GCE-ddd
kIRG_Hsource	HD-hhhh
kIRG_VSource	VU-hhhhh

Update the link with following:

<http://standards.iso.org/iso-iec/10646/ed-5/en/amd/2/CJKSrc.txt>

24.2 Source reference file for Tangut ideographs

Update the link with following:

<http://standards.iso.org/iso-iec/10646/ed-5/en/amd/2/TangutSrc.txt>

ISO/IEC 10646:2017/Amd.2:2019 (E)

33. 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.

Plane 00

Telugu

Lao

Vedic Extensions

Miscellaneous Symbols and Arrows

Supplemental Punctuation

CJK Unified Ideographs

Latin Extended-D

Latin Extended-E

Plane 01

Newa

Takri

Soyombo

Miao

Ideographic Symbols and Punctuation

Tangut

Enclosed Alphanumeric Supplement

Transport and Map Symbols

Supplemental Symbols and Pictographs

Chess Symbols

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

0C77 0E86 0E89 0E8C 0E8E-0E93 0E98 0EA0 0EA8-0EA9 0EAC 0EBA 1CFA 2BC9 2BFF 2E4F 9FEB-9FEF A7BA-A7BF A7C2-A7C6 AB66-AB67 1145F 116B8 11A84-11A85 16F45-16F4A 16F4F 16F7F-16F87 16FE2-16FE3 187F2-187F7 1F16C 1F6F9 1F94D-1F94F 1F96C-1F970 1F973-1F976 1F97A 1F97C-1F97F 1F998-1F9A2 1F9B0-1F9B9 1F9C1-1F9C2 1F9E7-1F9FF 1FA00-1FA53

These following code positions have updated glyphs:

10FA 11003-11004 1105D-1105E 17159 1732E 17336 17378 173E1 173EB 173EC 173F4 173FB 173FF 17403 1756E 176E4 1788A-1788D 17B16 17B17 17B5B 17D36 17F8B 17FBB 181B2 181C0 1820D 1823D 183B3 1841D 18488 187C6 18885 1F6D2

2. New blocks

Insert the following additional blocks.

Plane 00

Georgian Extended

Plane 01

Elymaic

Nandinagari

Tamil Supplement

Egyptian Hieroglyphs Format Controls

Small Kana Extension
 Nyiakeng Puachue Hmong
 Wancho
 Ottoman Siyaq Numbers

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

1C90-1CBA 1CBD-1CBF 10FE0-10FFF 119A0-119A7 119AA-119D7 119DA-119E4 11FC0-11FF1
 11FFF 13430-13438 1B150-1B152 1B164-1B167 1E100-1E12C 1E130-1E13D 1E140-1E149 1E14E-
 1E14F 1E2C0-1E2F9 1E2FF 1ED01-1ED3D

Annex A.1

In the list of collection numbers and names, after

168 SYRIAC SUPPLEMENT

insert the new entry as follows:

169 GEORGIAN EXTENDED 1C90-1CBF

In the list of collection numbers and names, after

1119 CHESS SYMBOLS

insert the new entry as follows:

1120 ELYMAIC	10FE0-10FFF
1121 NANDINAGARI	119A0-119FF
1122 TAMIL SUPPLEMENT	11FC0-11FFF
1123 EGYPTIAN HIEROGLYPHS FORMAT CONTROLS	13430-1343F
1124 SMALL KANA EXTENSION	1B130-1B16F
1125 NYIAKENG PUACHUE HMONG	1E100-1E14F
1126 WANCHU	1E2C0-1E2FF
1127 OTTOMAN SIYAQ NUMBERS	1ED00-1ED4F

In the list of collection numbers and names, after

317 UNICODE 10.0

insert the new entry as follows:

318 UNICODE 11.0 see A.6 *

Annex A.1

In the alphabetical list of keywords in Note 3, add the value 169 to Georgian entry, the values 311-318 to Unicode, the value 1122 to the Tamil entry, the value 1123 to the Egyptian Hieroglyphs entry, the value 1124 to the Hiragana and Katakana entries; and insert the following entries:

Elymaic	1120
Nandinagari	1121
Nyakeng Puachue Hmong	1125
Ottoman Syaq Numbers	1127
Wancho	1126

Annex A.2.1

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

ISO/IEC 10646:2017/Amd.2:2019 (E)

GEORGIAN EXTENDED

1C90-1CBF

Annex A.2.2

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

ELYMAIC	10FE0-10FFF
NANDINAGARI	11B90-11BEF
TAMIL SUPPLEMENT	11FC0-11FFF
EGYPTIAN HIEROGLYPHS FORMAT	
CONTROLS	13430-1343F
SMALL KANA EXTENSION	1B130-1B16F
NYIAKENG PUACHUE HMONG	1E100-1E14F
WANCHU	1E2C0-1E2FF
OTTOMAN SYAQ NUMBERS	1ED00-1ED4F

Annex A.6 Unicode collections

Insert the new entry as follows:

318 UNICODE 11.0 Age property value less than or equal to 11.0

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.

<http://standards.iso.org/iso-iec/10646/ed-5/en/amd/2/Am2names.txt>

	0C0	0C1	0C2	0C3	0C4	0C5	0C6	0C7
0	ం 0C00	ఐ 0C10	ఠ 0C20	ఠ 0C30	ఠ 0C40		ఋ 0C60	
1	ం 0C01		డ 0C21	ఱ 0C31	ం 0C41		౞ 0C61	
2	ం 0C02	ఓ 0C12	ఢ 0C22	ల 0C32	ం 0C42		౞ 0C62	
3	ం 0C03	ఓ 0C13	ణ 0C23	ళ 0C33	ం 0C43		౞ 0C63	
4	ం 0C04	ఔ 0C14	త 0C24	ఱ 0C34	ం 0C44			
5	అ 0C05	క 0C15	థ 0C25	వ 0C35		ం 0C55		
6	ఆ 0C06	ఖ 0C16	ద 0C26	శ 0C36	ం 0C46	ం 0C56	ం 0C66	
7	ఇ 0C07	గ 0C17	ధ 0C27	ష 0C37	ం 0C47		ం 0C67	ం 0C77
8	ఈ 0C08	ఘ 0C18	న 0C28	స 0C38	ం 0C48	ఞ 0C58	ం 0C68	ం 0C78
9	ఉ 0C09	జ 0C19		హ 0C39		ఞ 0C59	ం 0C69	ం 0C79
A	ఊ 0C0A	చ 0C1A	ప 0C2A		ం 0C4A	ఞ 0C5A	ం 0C6A	ం 0C7A
B	ఋ 0C0B	ఛ 0C1B	ఫ 0C2B		ం 0C4B		ం 0C6B	ం 0C7B
C	ౠ 0C0C	జ 0C1C	బ 0C2C		ం 0C4C		ం 0C6C	ం 0C7C
D		ఝ 0C1D	భ 0C2D	ఱ 0C3D	ం 0C4D		ం 0C6D	ం 0C7D
E	ఎ 0C0E	ఞ 0C1E	మ 0C2E	ం 0C3E			ం 0C6E	ం 0C7E
F	ఏ 0C0F	ట 0C1F	య 0C2F	ం 0C3F			ం 0C6F	ం 0C7F

0C00

Telugu

0C6B

Various signs

0C00	𑌀	TELUGU SIGN COMBINING CANDRABINDU ABOVE
0C01	𑌁	TELUGU SIGN CANDRABINDU = arasunna • indicates a contextually elided nasal
0C02	𑌂	TELUGU SIGN ANUSVARA = sunna • used in Prakrit language texts to indicate gemination of the following consonant
0C03	𑌃	TELUGU SIGN VISARGA
0C04	𑌄	TELUGU SIGN COMBINING ANUSVARA ABOVE • used in Prakrit language texts for the linguistic anusvara

Independent vowels

0C05	అ	TELUGU LETTER A
0C06	ఆ	TELUGU LETTER AA
0C07	ఇ	TELUGU LETTER I
0C08	ఈ	TELUGU LETTER II
0C09	ఉ	TELUGU LETTER U
0C0A	ఊ	TELUGU LETTER UU
0C0B	ఋ	TELUGU LETTER VOCALIC R
0C0C	ౠ	TELUGU LETTER VOCALIC L
0C0D	𑌆	<reserved>
0C0E	ఎ	TELUGU LETTER E
0C0F	ఏ	TELUGU LETTER EE
0C10	ఐ	TELUGU LETTER AI
0C11	𑌇	<reserved>
0C12	ఒ	TELUGU LETTER O
0C13	ఓ	TELUGU LETTER OO
0C14	ఔ	TELUGU LETTER AU

Consonants

0C15	క	TELUGU LETTER KA
0C16	ఖ	TELUGU LETTER KHA
0C17	గ	TELUGU LETTER GA
0C18	ఘ	TELUGU LETTER GHA
0C19	ఙ	TELUGU LETTER NGA
0C1A	చ	TELUGU LETTER CA
0C1B	ఛ	TELUGU LETTER CHA
0C1C	జ	TELUGU LETTER JA
0C1D	ఝ	TELUGU LETTER JHA
0C1E	ఞ	TELUGU LETTER NYA
0C1F	ట	TELUGU LETTER TTA
0C20	థ	TELUGU LETTER TTHA
0C21	డ	TELUGU LETTER DDA
0C22	ఢ	TELUGU LETTER DDHA
0C23	ణ	TELUGU LETTER NNA
0C24	త	TELUGU LETTER TA
0C25	థ	TELUGU LETTER THA
0C26	ద	TELUGU LETTER DA
0C27	ధ	TELUGU LETTER DHA
0C28	న	TELUGU LETTER NA
0C29	𑌈	<reserved>
0C2A	ప	TELUGU LETTER PA
0C2B	ఫ	TELUGU LETTER PHA
0C2C	బ	TELUGU LETTER BA
0C2D	భ	TELUGU LETTER BHA
0C2E	మ	TELUGU LETTER MA
0C2F	య	TELUGU LETTER YA
0C30	ర	TELUGU LETTER RA
0C31	ల	TELUGU LETTER RRA

0C32	ల	TELUGU LETTER LA
0C33	ళ	TELUGU LETTER LLA
0C34	ఱ	TELUGU LETTER LLLA
0C35	వ	TELUGU LETTER VA
0C36	శ	TELUGU LETTER SHA
0C37	ష	TELUGU LETTER SSA
0C38	స	TELUGU LETTER SA
0C39	హ	TELUGU LETTER HA

Addition for Sanskrit

0C3D	ॐ	TELUGU SIGN AVAGRAHA
------	---	----------------------

Dependent vowel signs

0C3E	ౡ	TELUGU VOWEL SIGN AA
0C3F	ౢ	TELUGU VOWEL SIGN I
0C40	ౣ	TELUGU VOWEL SIGN II
0C41	౤	TELUGU VOWEL SIGN U
0C42	౥	TELUGU VOWEL SIGN UU
0C43	౦౧	TELUGU VOWEL SIGN VOCALIC R
0C44	౦౨	TELUGU VOWEL SIGN VOCALIC RR
0C45	𑌉	<reserved>
0C46	౦౩	TELUGU VOWEL SIGN E
0C47	౦౪	TELUGU VOWEL SIGN EE
0C48	౦౫	TELUGU VOWEL SIGN AI ≡ 0C46 ౦౩ 0C56 ౦౬
0C49	𑌊	<reserved>
0C4A	౦౬	TELUGU VOWEL SIGN O
0C4B	౦౭	TELUGU VOWEL SIGN OO
0C4C	౦౮	TELUGU VOWEL SIGN AU

Virama

0C4D	𑌋	TELUGU SIGN VIRAMA = halant (the preferred name)
------	---	---

Various signs

0C55	𑌌	TELUGU LENGTH MARK
0C56	𑌍	TELUGU AI LENGTH MARK

Historic phonetic variants

0C58	ఱ	TELUGU LETTER TSA
0C59	ఱ	TELUGU LETTER DZA
0C5A	ఱ	TELUGU LETTER RRRA • letter for an alveolar consonant whose exact phonetic value is not known

Additional vowels for Sanskrit

0C60	ఋ	TELUGU LETTER VOCALIC RR
0C61	ౠ	TELUGU LETTER VOCALIC LL

Dependent vowels

0C62	ౡ	TELUGU VOWEL SIGN VOCALIC L
0C63	ౢ	TELUGU VOWEL SIGN VOCALIC LL

Reserved

For viram punctuation, use the generic Indic 0964 and 0965.

0C64	𑌎	<reserved> → 0964 I devanagari danda
0C65	𑌏	<reserved> → 0965 II devanagari double danda

Digits

0C66	౦	TELUGU DIGIT ZERO
0C67	౧	TELUGU DIGIT ONE
0C68	౨	TELUGU DIGIT TWO
0C69	౩	TELUGU DIGIT THREE
0C6A	౪	TELUGU DIGIT FOUR
0C6B	౫	TELUGU DIGIT FIVE

0C6C

Telugu

0C7F

0C6C టెలుగు డిజిట్ షిక్
 0C6D టెలుగు డిజిట్ షెవన్
 0C6E టెలుగు డిజిట్ షిక్ట్
 0C6F టెలుగు డిజిట్ షిక్

Sign

0C77 టెలుగు సిగ్న సిద్ధమ్
 = siddhirastu
 • used at the beginning of texts as an invocation
 → A8FC టెలుగు సిగ్న సిద్ధమ్
 → 111DB టెలుగు సిగ్న సిద్ధమ్

Telugu fractions and weights

0C78 టెలుగు ఫ్రాక్షన్ డిజిట్ షిక్ ఫర్ ఓడ్
 పవర్స్ ఆఫ్ ఫోర్
 0C79 టెలుగు ఫ్రాక్షన్ డిజిట్ షిక్ ఫర్ ఓడ్
 పవర్స్ ఆఫ్ ఫోర్
 0C7A టెలుగు ఫ్రాక్షన్ డిజిట్ షిక్ ఫర్ ఓడ్
 పవర్స్ ఆఫ్ ఫోర్
 0C7B టెలుగు ఫ్రాక్షన్ డిజిట్ షిక్ ఫర్ ఓడ్
 పవర్స్ ఆఫ్ ఫోర్
 0C7C టెలుగు ఫ్రాక్షన్ డిజిట్ షిక్ ఫర్ ఐవన్
 పవర్స్ ఆఫ్ ఫోర్
 0C7D టెలుగు ఫ్రాక్షన్ డిజిట్ షిక్ ఫర్ ఐవన్
 పవర్స్ ఆఫ్ ఫోర్
 0C7E టెలుగు ఫ్రాక్షన్ డిజిట్ షిక్ ఫర్ ఐవన్
 పవర్స్ ఆఫ్ ఫోర్
 0C7F టెలుగు సిగ్న టూము

	0E8	0E9	0EA	0EB	0EC	0ED	0EE	0EF
0		ຸ 0E90	ກ 0EA0	ຂ 0EB0	ໄ 0EC0	ອ 0ED0		
1	ກ 0E81	ູ 0E91	ມ 0EA1	ັ 0EB1	ແ 0EC1	໑ 0ED1		
2	ຂ 0E82	ູ 0E92	ຢ 0EA2	າ 0EB2	ໄ 0EC2	໒ 0ED2		
3		ຕ 0E93	ຣ 0EA3	ຳ 0EB3	ໃ 0EC3	ຟ 0ED3		
4	ຄ 0E84	ດ 0E94		ິ 0EB4	ໄ 0EC4	ູ 0ED4		
5		ຕ 0E95	ລ 0EA5	ິ 0EB5		ູ 0ED5		
6	ູ 0E86	ຸ 0E96		ິ 0EB6	ງ 0EC6	ູ 0ED6		
7	ງ 0E87	ທ 0E97	ວ 0EA7	ິ 0EB7		ກ 0ED7		
8	ຈ 0E88	ວ 0E98	ຸ 0EA8	ູ 0EB8	ົ 0EC8	ູ 0ED8		
9	ວ 0E89	ນ 0E99	ຸ 0EA9	ູ 0EB9	ົ 0EC9	ລ 0ED9		
A	ຊ 0E8A	ບ 0E9A	ສ 0EA A	ົ 0EBA	ົ 0ECA			
B		ປ 0E9B	ຫ 0EAB	ົ 0EBB	ົ 0ECB			
C	ຊ 0E8C	ຜ 0E9C	ຸ 0EAC	ົ 0EBC	ົ 0ECC	ໜ 0EDC		
D	ຍ 0E8D	ຝ 0E9D	ອ 0EAD	ົ 0EBD	ົ 0ECD	ໜ 0EDD		
E	ຸ 0E8E	ພ 0E9E	ຣ 0EAE			ກ 0EDE		
F	ຸ 0E8F	ຸ 0E9F	ຸ 0EAF			ຸ 0EDF		

0E81

Lao

OECA

Consonants

0E81	ກ	LAO LETTER KO = ko kay
0E82	ຂ	LAO LETTER KHO SUNG = kho khay
0E83	◻	<reserved>
0E84	ຄ	LAO LETTER KHO TAM = kho khuay
0E85	◻	<reserved>
0E86	ຸ	LAO LETTER PALI GHA
0E87	ງ	LAO LETTER NGO = ngo ngu, ngo ngua
0E88	ຈ	LAO LETTER CO = co cok, co cua
0E89	ຊ	LAO LETTER PALI CHA
0E8A	ຊ	LAO LETTER SO TAM = so sang
0E8B	◻	<reserved>
0E8C	ຸ	LAO LETTER PALI JHA
0E8D	ຍ	LAO LETTER NYO = nyo nyung
0E8E	ຸ	LAO LETTER PALI NYA
0E8F	ຸ	LAO LETTER PALI TTA
0E90	ຸ	LAO LETTER PALI TTHA
0E91	ຸ	LAO LETTER PALI DDA
0E92	ຸ	LAO LETTER PALI DDHA
0E93	ຸ	LAO LETTER PALI NNA
0E94	ດ	LAO LETTER DO = do dek
0E95	ຕ	LAO LETTER TO = to ta
0E96	ຖ	LAO LETTER THO SUNG = tho thong
0E97	ທ	LAO LETTER THO TAM = tho thung
0E98	ຖ	LAO LETTER PALI DHA
0E99	ນ	LAO LETTER NO = no nok
0E9A	ບ	LAO LETTER BO = bo be, bo bet
0E9B	ປ	LAO LETTER PO = po pa
0E9C	ຜ	LAO LETTER PHO SUNG = pho pheng
0E9D	ຝ	LAO LETTER FO TAM × LAO LETTER FO FON = fo fa • name is a mistake for fo sung
0E9E	ຜ	LAO LETTER PHO TAM = pho phu
0E9F	ຜ	LAO LETTER FO SUNG × LAO LETTER FO FAY • name is a mistake for fo tam
0EA0	ກ	LAO LETTER PALI BHA
0EA1	ມ	LAO LETTER MO = mo mew, mo ma
0EA2	ຢ	LAO LETTER YO = yo ya
0EA3	ສ	LAO LETTER LO LING × LAO LETTER RO = ro rot • name is a mistake, lo ling is the mnemonic for 0EA5 ລ
0EA4	◻	<reserved>

0EA5	ລ	LAO LETTER LO LOOT × LAO LETTER LO = lo ling • name is a mistake, lo loot is the mnemonic for 0EA3 ສ
0EA6	◻	<reserved>
0EA7	ວ	LAO LETTER WO = wo wi
0EA8	ຣ	LAO LETTER SANSKRIT SHA
0EA9	ຣ	LAO LETTER SANSKRIT SSA
0EAA	ສ	LAO LETTER SO SUNG = so sya
0EAB	ຫ	LAO LETTER HO SUNG = ho hay, ho han
0EAC	ຣ	LAO LETTER PALI LLA
0EAD	ອ	LAO LETTER O = o o
0EAE	ຮ	LAO LETTER HO TAM = ho hya, ho hyan

Sign

0EAF	ຢ	LAO ELLIPSIS
------	---	--------------

Vowels

0EB0	ໂ	LAO VOWEL SIGN A
0EB1	ໂ	LAO VOWEL SIGN MAI KAN • vowel shortener
0EB2	ໂ	LAO VOWEL SIGN AA
0EB3	ໂ	LAO VOWEL SIGN AM ≈ 0ECD ອ 0EB2 ໂ
0EB4	ໂ	LAO VOWEL SIGN I
0EB5	ໂ	LAO VOWEL SIGN II
0EB6	ໂ	LAO VOWEL SIGN Y
0EB7	ໂ	LAO VOWEL SIGN YY
0EB8	ໂ	LAO VOWEL SIGN U
0EB9	ໂ	LAO VOWEL SIGN UU

Virama

0EBA	◻	LAO SIGN PALI VIRAMA
------	---	----------------------

Vowel

0EBB	ໂ	LAO VOWEL SIGN MAI KON = mai kong
------	---	--------------------------------------

Signs

0EBC	ໂ	LAO SEMIVOWEL SIGN LO
0EBD	ໂ	LAO SEMIVOWEL SIGN NYO = nyo fyang

Vowels

These vowels precede a consonant in visual order.

0EC0	ໂ	LAO VOWEL SIGN E
0EC1	ໂ	LAO VOWEL SIGN EI
0EC2	ໂ	LAO VOWEL SIGN O
0EC3	ໂ	LAO VOWEL SIGN AY = mai muan
0EC4	ໂ	LAO VOWEL SIGN AI = mai may

Repetition mark

0EC6	ໂ	LAO KO LA • repetition
------	---	---------------------------

Tone marks

0EC8	ໂ	LAO TONE MAI EK
0EC9	ໂ	LAO TONE MAI THO
0ECA	ໂ	LAO TONE MAI TI

0ECB ◌[◌] LAO TONE MAI CATAWA

Signs

0ECC ◌[◌] LAO CANCELLATION MARK

0ECD ◌[◌] LAO NIGGAHITA
• final nasal or long o vowel

Digits

0ED0 0 LAO DIGIT ZERO

0ED1 ໑ LAO DIGIT ONE

0ED2 ໒ LAO DIGIT TWO

0ED3 ໓ LAO DIGIT THREE

0ED4 ໔ LAO DIGIT FOUR

0ED5 ໕ LAO DIGIT FIVE

0ED6 ໖ LAO DIGIT SIX

0ED7 ໗ LAO DIGIT SEVEN

0ED8 ໘ LAO DIGIT EIGHT

0ED9 ໙ LAO DIGIT NINE

Digraphs

0EDC ທ໌ LAO HO NO
≈ 0EAB ທ໌ 0E99 ບ໌

0EDD ທ໌ LAO HO MO
≈ 0EAB ທ໌ 0EA1 ບ໌

Consonants for Khmu

0EDE ກ໌ LAO LETTER KHMU GO

0EDF ຄ໌ LAO LETTER KHMU NYO

	10A	10B	10C	10D	10E	10F
0	Ⴊ 10A0	Ⴋ 10B0	Ⴌ 10C0	Ⴍ 10D0	Ⴎ 10E0	Ⴏ 10F0
1	Ⴐ 10A1	Ⴑ 10B1	Ⴒ 10C1	Ⴓ 10D1	Ⴔ 10E1	Ⴕ 10F1
2	Ⴗ 10A2	Ⴘ 10B2	Ⴙ 10C2	Ⴚ 10D2	Ⴛ 10E2	Ⴜ 10F2
3	Ⴝ 10A3	Ⴞ 10B3	Ⴟ 10C3	Ⴟ 10D3	Ⴟ 10E3	Ⴟ 10F3
4	Ⴟ 10A4	Ⴟ 10B4	Ⴟ 10C4	Ⴟ 10D4	Ⴟ 10E4	Ⴟ 10F4
5	Ⴟ 10A5	Ⴟ 10B5	Ⴟ 10C5	Ⴟ 10D5	Ⴟ 10E5	Ⴟ 10F5
6	Ⴟ 10A6	Ⴟ 10B6	Ⴟ 10C6	Ⴟ 10D6	Ⴟ 10E6	Ⴟ 10F6
7	Ⴟ 10A7	Ⴟ 10B7	Ⴟ 10C7	Ⴟ 10D7	Ⴟ 10E7	Ⴟ 10F7
8	Ⴟ 10A8	Ⴟ 10B8	Ⴟ 10C8	Ⴟ 10D8	Ⴟ 10E8	Ⴟ 10F8
9	Ⴟ 10A9	Ⴟ 10B9	Ⴟ 10C9	Ⴟ 10D9	Ⴟ 10E9	Ⴟ 10F9
A	Ⴟ 10AA	Ⴟ 10BA	Ⴟ 10CA	Ⴟ 10DA	Ⴟ 10EA	Ⴟ 10FA
B	Ⴟ 10AB	Ⴟ 10BB	Ⴟ 10CB	Ⴟ 10DB	Ⴟ 10EB	Ⴟ 10FB
C	Ⴟ 10AC	Ⴟ 10BC	Ⴟ 10CC	Ⴟ 10DC	Ⴟ 10EC	Ⴟ 10FC
D	Ⴟ 10AD	Ⴟ 10BD	Ⴟ 10CD	Ⴟ 10DD	Ⴟ 10ED	Ⴟ 10FD
E	Ⴟ 10AE	Ⴟ 10BE	Ⴟ 10CE	Ⴟ 10DE	Ⴟ 10EE	Ⴟ 10FE
F	Ⴟ 10AF	Ⴟ 10BF	Ⴟ 10CF	Ⴟ 10DF	Ⴟ 10EF	Ⴟ 10FF

Capital letters (Khutsuri)

This is the uppercase of the old ecclesiastical alphabet. The style shown in the code charts is known as Asomtavruli. See the Georgian Supplement block for lowercase Nuskhuri.

10A0	Ⴀ	GEORGIAN CAPITAL LETTER AN → 2D00 Ⴀ georgian small letter an
10A1	Ⴁ	GEORGIAN CAPITAL LETTER BAN
10A2	Ⴂ	GEORGIAN CAPITAL LETTER GAN
10A3	Ⴃ	GEORGIAN CAPITAL LETTER DON
10A4	Ⴄ	GEORGIAN CAPITAL LETTER EN
10A5	Ⴅ	GEORGIAN CAPITAL LETTER VIN
10A6	Ⴆ	GEORGIAN CAPITAL LETTER ZEN
10A7	Ⴇ	GEORGIAN CAPITAL LETTER TAN
10A8	Ⴈ	GEORGIAN CAPITAL LETTER IN
10A9	Ⴉ	GEORGIAN CAPITAL LETTER KAN
10AA	Ⴊ	GEORGIAN CAPITAL LETTER LAS
10AB	Ⴋ	GEORGIAN CAPITAL LETTER MAN
10AC	Ⴌ	GEORGIAN CAPITAL LETTER NAR
10AD	Ⴍ	GEORGIAN CAPITAL LETTER ON
10AE	Ⴎ	GEORGIAN CAPITAL LETTER PAR
10AF	Ⴏ	GEORGIAN CAPITAL LETTER ZHAR
10B0	Ⴐ	GEORGIAN CAPITAL LETTER RAE
10B1	Ⴑ	GEORGIAN CAPITAL LETTER SAN
10B2	Ⴒ	GEORGIAN CAPITAL LETTER TAR
10B3	Ⴓ	GEORGIAN CAPITAL LETTER UN
10B4	Ⴔ	GEORGIAN CAPITAL LETTER PHAR
10B5	Ⴕ	GEORGIAN CAPITAL LETTER KHAR
10B6	Ⴖ	GEORGIAN CAPITAL LETTER GHAN
10B7	Ⴗ	GEORGIAN CAPITAL LETTER QAR
10B8	Ⴘ	GEORGIAN CAPITAL LETTER SHIN
10B9	Ⴙ	GEORGIAN CAPITAL LETTER CHIN
10BA	Ⴚ	GEORGIAN CAPITAL LETTER CAN
10BB	Ⴛ	GEORGIAN CAPITAL LETTER JIL
10BC	Ⴜ	GEORGIAN CAPITAL LETTER CIL
10BD	Ⴝ	GEORGIAN CAPITAL LETTER CHAR
10BE	Ⴞ	GEORGIAN CAPITAL LETTER XAN
10BF	Ⴟ	GEORGIAN CAPITAL LETTER JHAN
10C0	Ⴀ	GEORGIAN CAPITAL LETTER HAE
10C1	Ⴁ	GEORGIAN CAPITAL LETTER HE
10C2	Ⴂ	GEORGIAN CAPITAL LETTER HIE
10C3	Ⴃ	GEORGIAN CAPITAL LETTER WE
10C4	Ⴄ	GEORGIAN CAPITAL LETTER HAR
10C5	Ⴅ	GEORGIAN CAPITAL LETTER HOE

Additional letter

10C7	Ⴇ	GEORGIAN CAPITAL LETTER YN
------	---	----------------------------

Additional letter for Ossetian

10CD	Ⴈ	GEORGIAN CAPITAL LETTER AEN
------	---	-----------------------------

Mkhedruli

This is the lowercase of the modern secular alphabet. Modern Georgian orthography uses these letters for most text, including at the beginnings of sentences and names. See the Georgian Extended block for uppercase Mtavruli.

10D0	Ⴉ	GEORGIAN LETTER AN → 1C90 Ⴉ georgian mtavruli capital letter an
10D1	Ⴊ	GEORGIAN LETTER BAN
10D2	Ⴋ	GEORGIAN LETTER GAN
10D3	Ⴌ	GEORGIAN LETTER DON
10D4	Ⴍ	GEORGIAN LETTER EN
10D5	Ⴎ	GEORGIAN LETTER VIN
10D6	Ⴏ	GEORGIAN LETTER ZEN

10D7	Ⴐ	GEORGIAN LETTER TAN
10D8	Ⴑ	GEORGIAN LETTER IN
10D9	Ⴒ	GEORGIAN LETTER KAN
10DA	Ⴓ	GEORGIAN LETTER LAS
10DB	Ⴔ	GEORGIAN LETTER MAN
10DC	Ⴕ	GEORGIAN LETTER NAR
10DD	Ⴖ	GEORGIAN LETTER ON
10DE	Ⴗ	GEORGIAN LETTER PAR
10DF	Ⴘ	GEORGIAN LETTER ZHAR
10E0	Ⴙ	GEORGIAN LETTER RAE
10E1	Ⴚ	GEORGIAN LETTER SAN
10E2	Ⴛ	GEORGIAN LETTER TAR
10E3	Ⴜ	GEORGIAN LETTER UN
10E4	Ⴝ	GEORGIAN LETTER PHAR
10E5	Ⴞ	GEORGIAN LETTER KHAR
10E6	Ⴟ	GEORGIAN LETTER GHAN
10E7	Ⴀ	GEORGIAN LETTER QAR
10E8	Ⴁ	GEORGIAN LETTER SHIN
10E9	Ⴂ	GEORGIAN LETTER CHIN
10EA	Ⴃ	GEORGIAN LETTER CAN
10EB	Ⴄ	GEORGIAN LETTER JIL
10EC	Ⴅ	GEORGIAN LETTER CIL
10ED	Ⴆ	GEORGIAN LETTER CHAR
10EE	Ⴇ	GEORGIAN LETTER XAN
10EF	Ⴈ	GEORGIAN LETTER JHAN
10F0	Ⴉ	GEORGIAN LETTER HAE

Archaic letters

10F1	Ⴊ	GEORGIAN LETTER HE
10F2	Ⴋ	GEORGIAN LETTER HIE
10F3	Ⴌ	GEORGIAN LETTER WE
10F4	Ⴍ	GEORGIAN LETTER HAR
10F5	Ⴎ	GEORGIAN LETTER HOE
10F6	Ⴏ	GEORGIAN LETTER FI

Additional letters for Mingrelian and Svan

10F7	Ⴐ	GEORGIAN LETTER YN
10F8	Ⴑ	GEORGIAN LETTER ELIFI

Additional letters

10F9	Ⴒ	GEORGIAN LETTER TURNED GAN
10FA	Ⴓ	GEORGIAN LETTER AIN

Punctuation

10FB	Ⴔ	GEORGIAN PARAGRAPH SEPARATOR → 2056 ∴ three dot punctuation
------	---	--

Modifier letter

10FC	Ⴕ	MODIFIER LETTER GEORGIAN NAR ≈ <sup> 10DC Ⴕ
------	---	--

Additional letters for Ossetian and Abkhaz

10FD	Ⴖ	GEORGIAN LETTER AEN
10FE	Ⴗ	GEORGIAN LETTER HARD SIGN
10FF	Ⴘ	GEORGIAN LETTER LABIAL SIGN

	1C9	1CA	1CB
0	Ⴀ 1C90	Ⴁ 1CA0	Ⴂ 1CB0
1	Ⴃ 1C91	Ⴄ 1CA1	Ⴅ 1CB1
2	Ⴆ 1C92	Ⴇ 1CA2	Ⴈ 1CB2
3	Ⴉ 1C93	Ⴊ 1CA3	Ⴋ 1CB3
4	Ⴌ 1C94	Ⴍ 1CA4	Ⴎ 1CB4
5	Ⴏ 1C95	Ⴐ 1CA5	Ⴑ 1CB5
6	Ⴒ 1C96	Ⴓ 1CA6	Ⴔ 1CB6
7	Ⴕ 1C97	Ⴖ 1CA7	Ⴗ 1CB7
8	Ⴘ 1C98	Ⴙ 1CA8	Ⴚ 1CB8
9	Ⴛ 1C99	Ⴜ 1CA9	Ⴝ 1CB9
A	Ⴞ 1C9A	Ⴟ 1CAA	Ⴀ 1CBA
B	Ⴁ 1C9B	Ⴂ 1CAB	
C	Ⴃ 1C9C	Ⴄ 1CAC	
D	Ⴅ 1C9D	Ⴆ 1CAD	Ⴇ 1CBD
E	Ⴈ 1C9E	Ⴉ 1CAE	Ⴊ 1CBE
F	Ⴋ 1C9F	Ⴌ 1CAF	Ⴍ 1CBF

Capital letters (Mtavruli)

This is the special uppercase of the modern secular alphabet. Modern Georgian orthography uses these letters to emphasize words and phrases analogously to Latin "all caps" style. See the Georgian block for lowercase Mkhedruli.

1C90	Ⴀ	GEORGIAN MTAVRULI CAPITAL LETTER AN → 10D0 Ⴀ georgian letter an
1C91	Ⴁ	GEORGIAN MTAVRULI CAPITAL LETTER BAN
1C92	Ⴂ	GEORGIAN MTAVRULI CAPITAL LETTER GAN
1C93	Ⴃ	GEORGIAN MTAVRULI CAPITAL LETTER DON
1C94	Ⴄ	GEORGIAN MTAVRULI CAPITAL LETTER EN
1C95	Ⴅ	GEORGIAN MTAVRULI CAPITAL LETTER VIN
1C96	Ⴆ	GEORGIAN MTAVRULI CAPITAL LETTER ZEN
1C97	Ⴇ	GEORGIAN MTAVRULI CAPITAL LETTER TAN
1C98	Ⴈ	GEORGIAN MTAVRULI CAPITAL LETTER IN
1C99	Ⴉ	GEORGIAN MTAVRULI CAPITAL LETTER KAN
1C9A	Ⴊ	GEORGIAN MTAVRULI CAPITAL LETTER LAS
1C9B	Ⴋ	GEORGIAN MTAVRULI CAPITAL LETTER MAN
1C9C	Ⴌ	GEORGIAN MTAVRULI CAPITAL LETTER NAR
1C9D	Ⴍ	GEORGIAN MTAVRULI CAPITAL LETTER ON
1C9E	Ⴎ	GEORGIAN MTAVRULI CAPITAL LETTER PAR
1C9F	Ⴏ	GEORGIAN MTAVRULI CAPITAL LETTER ZHAR
1CA0	Ⴐ	GEORGIAN MTAVRULI CAPITAL LETTER RAE
1CA1	Ⴑ	GEORGIAN MTAVRULI CAPITAL LETTER SAN
1CA2	Ⴒ	GEORGIAN MTAVRULI CAPITAL LETTER TAR
1CA3	Ⴓ	GEORGIAN MTAVRULI CAPITAL LETTER UN
1CA4	Ⴔ	GEORGIAN MTAVRULI CAPITAL LETTER PHAR
1CA5	Ⴕ	GEORGIAN MTAVRULI CAPITAL LETTER KHAR
1CA6	Ⴖ	GEORGIAN MTAVRULI CAPITAL LETTER GHAN
1CA7	Ⴗ	GEORGIAN MTAVRULI CAPITAL LETTER QAR
1CA8	Ⴘ	GEORGIAN MTAVRULI CAPITAL LETTER SHIN
1CA9	Ⴙ	GEORGIAN MTAVRULI CAPITAL LETTER CHIN
1CAA	Ⴚ	GEORGIAN MTAVRULI CAPITAL LETTER CAN
1CAB	Ⴛ	GEORGIAN MTAVRULI CAPITAL LETTER JIL
1CAC	Ⴜ	GEORGIAN MTAVRULI CAPITAL LETTER CIL
1CAD	Ⴝ	GEORGIAN MTAVRULI CAPITAL LETTER CHAR
1CAE	Ⴞ	GEORGIAN MTAVRULI CAPITAL LETTER XAN
1CAF	Ⴟ	GEORGIAN MTAVRULI CAPITAL LETTER JHAN
1CB0	Ⴀ	GEORGIAN MTAVRULI CAPITAL LETTER HAE

Archaic letters

1CB1	Ⴁ	GEORGIAN MTAVRULI CAPITAL LETTER HE
1CB2	Ⴂ	GEORGIAN MTAVRULI CAPITAL LETTER HIE
1CB3	Ⴃ	GEORGIAN MTAVRULI CAPITAL LETTER WE
1CB4	Ⴄ	GEORGIAN MTAVRULI CAPITAL LETTER HAR
1CB5	Ⴅ	GEORGIAN MTAVRULI CAPITAL LETTER HOE
1CB6	Ⴆ	GEORGIAN MTAVRULI CAPITAL LETTER FI

Additional letters for Mingrelian and Svan

1CB7	Ⴇ	GEORGIAN MTAVRULI CAPITAL LETTER YN
1CB8	Ⴈ	GEORGIAN MTAVRULI CAPITAL LETTER ELIFI

Additional letters

1CB9	Ⴉ	GEORGIAN MTAVRULI CAPITAL LETTER TURNED GAN
1CBA	Ⴊ	GEORGIAN MTAVRULI CAPITAL LETTER AIN

Additional letters for Ossetian and Abkhaz

1CBD	Ⴋ	GEORGIAN MTAVRULI CAPITAL LETTER AEN
1CBE	Ⴌ	GEORGIAN MTAVRULI CAPITAL LETTER HARD SIGN
1CBF	Ⴍ	GEORGIAN MTAVRULI CAPITAL LETTER LABIAL SIGN

	1CD	1CE	1CF
0	 1CD0	 1CE0	 1CF0
1	 1CD1	 1CE1	 1CF1
2	 1CD2	 1CE2	 1CF2
3	 1CD3	 1CE3	 1CF3
4	 1CD4	 1CE4	 1CF4
5	 1CD5	 1CE5	 1CF5
6	 1CD6	 1CE6	 1CF6
7	 1CD7	 1CE7	 1CF7
8	 1CD8	 1CE8	 1CF8
9	 1CD9	 1CE9	 1CF9
A	 1CDA	 1CEA	 1CFA
B	 1CDB	 1CEB	
C	 1CDC	 1CEC	
D	 1CDD	 1CED	
E	 1CDE	 1CEE	
F	 1CDF	 1CEF	

1CD0

Vedic Extensions

1CF9

Tone marks for the Samaveda

- 1CD0  VEDIC TONE KARSHANA
= vaidika saamasvara karshanna
- 1CD1  VEDIC TONE SHARA
= vaidika svarita uurdhva shara
- 1CD2  VEDIC TONE PRENKHA
• indicates vibrato
= vaidika saamasvara prenkha

Breathing mark for the Samaveda

- 1CD3  VEDIC SIGN NIHSHVASA
= vaidika saamagaana yogakaala
• separates sections between which a pause is disallowed

Signs for Yajurvedic

- 1CD4  VEDIC SIGN YAJURVEDIC MIDLINE SVARITA
• used predominantly in the Maitrayani Samhita and in some manuscripts of the Vajasaneyi Madhyandina Samhita
- 1CD5  VEDIC TONE YAJURVEDIC AGGRAVATED INDEPENDENT SVARITA
= vaidika svarita adho nyubja
- 1CD6  VEDIC TONE YAJURVEDIC INDEPENDENT SVARITA
= vaidika svarita adhah konna
- 1CD7  VEDIC TONE YAJURVEDIC KATHAKA INDEPENDENT SVARITA
= vaidika svarita adho vakra rekhaa
- 1CD8  VEDIC TONE CANDRA BELOW
= vaidika svarita adho'rdha vakra
- 1CD9  VEDIC TONE YAJURVEDIC KATHAKA INDEPENDENT SVARITA SCHROEDER
= vaidika svarita adhah samyukta rekhaa
- 1CDA  VEDIC TONE DOUBLE SVARITA
= vaidika svarita uurdhva dvi rekhaa
→ 0951  devanagari stress sign udatta
- 1CDB  VEDIC TONE TRIPLE SVARITA
= vaidika svarita uurdhva tri rekhaa
- 1CDC  VEDIC TONE KATHAKA ANUDATTA
= vaidika svarita adho rekhaa
→ 0952  devanagari stress sign anudatta
- 1CDD  VEDIC TONE DOT BELOW
= vaidika svarita adho bindu

Tone marks for the Satapathabrahmana

- 1CDE  VEDIC TONE TWO DOTS BELOW
= vaidika svarita adho dvi bindu
- 1CDF  VEDIC TONE THREE DOTS BELOW
= vaidika svarita adhas tri bindu

Tone mark for the Rigveda

- 1CE0  VEDIC TONE RIGVEDIC KASHMIRI INDEPENDENT SVARITA
= vaidika uurdhva vakra rekhaa

Tone mark for the Atharvaveda

- 1CE1  VEDIC TONE ATHARVAVEDIC INDEPENDENT SVARITA
= vaidika svarita dvi vakra khandda

Diacritics for visarga

- 1CE2  VEDIC SIGN VISARGA SVARITA
= vaidika madhyarekhaa
- 1CE3  VEDIC SIGN VISARGA UDATTA
= vaidika visarga dakshinnatah uurdhvaga
- 1CE4  VEDIC SIGN REVERSED VISARGA UDATTA
= vaidika visarga vaamatah uurdhvaga

- 1CE5  VEDIC SIGN VISARGA ANUDATTA
= vaidika visarga vaamatah adhoga
- 1CE6  VEDIC SIGN REVERSED VISARGA ANUDATTA
= vaidika visarga dakshinnatah adhoga
- 1CE7  VEDIC SIGN VISARGA UDATTA WITH TAIL
= vaidika visarga dakshinnatah uurdhva vakra
- 1CE8  VEDIC SIGN VISARGA ANUDATTA WITH TAIL
= vaidika visarga vaamatah adho vakra

Nasalization signs

- 1CE9  VEDIC SIGN ANUSVARA ANTARGOMUKHA
= vaidika anusvaara antarmukha
- 1CEA  VEDIC SIGN ANUSVARA BAHIRGOMUKHA
= vaidika anusvaara naagaphanna
- 1CEB  VEDIC SIGN ANUSVARA VAMAGOMUKHA
= vaidika anusvaara vaamagomukha
- 1CEC  VEDIC SIGN ANUSVARA VAMAGOMUKHA WITH TAIL
= vaidika anusvaara vaamagomukha sa-vakra
- 1CED  VEDIC SIGN TIRYAK
= vaidika tiryak
- 1CEE  VEDIC SIGN HEXIFORM LONG ANUSVARA
= vaidika anusvaara anugaamii
- 1CEF  VEDIC SIGN LONG ANUSVARA
= vaidika anusvaara dakshinnamukha
- 1CF0  VEDIC SIGN RTHANG LONG ANUSVARA
= vaidika anusvaara ttha-sadrisha
- 1CF1  VEDIC SIGN ANUSVARA UBHAYATO MUKHA
= vaidika anusvaara ubhayato mukha

Ardhavisarga

Ardhavisarga denotes the sounds jihvamuliya and upadhmāniya (velar and bilabial voiceless fricatives) in Sanskrit. Its use is not limited to Vedic.

- 1CF2  VEDIC SIGN ARDHAVISARGA
= vaidika jihvaamuuliya upadhmaaniya
- 1CF3  VEDIC SIGN ROTATED ARDHAVISARGA

Sign for Yajurvedic

- 1CF4  VEDIC TONE CANDRA ABOVE

Signs

- 1CF5  VEDIC SIGN JIHVAMULIYA
• marks a velar fricative occurring only before unvoiced velar stops
→ 0CF1  kannada sign jihvamuliya
→ 0F88  tibetan sign lce tsa can
→ 11003  brahmi sign jihvamuliya
→ 111C2  sharada sign jihvamuliya
→ 11A84  soyombo sign jihvamuliya
- 1CF6  VEDIC SIGN UPADHMANIYA
• marks a bilabial fricative occurring only before unvoiced labial stops
→ 0CF2  kannada sign upadhmāniya
→ 0F89  tibetan sign mchu can
→ 11004  brahmi sign upadhmāniya
→ 111C3  sharada sign upadhmāniya
→ 11A85  soyombo sign upadhmāniya
- 1CF7  VEDIC SIGN ATIKRAMA
= vaidika saamagaana atikrama
• indicates skipping of a svara

Signs for Jaiminiya Sama Veda

- 1CF8  VEDIC TONE RING ABOVE
- 1CF9  VEDIC TONE DOUBLE RING ABOVE

Nasalization sign

1CFA 𑖅 VEDIC SIGN DOUBLE ANUSVARA
ANTARGOMUKHA

- used as a base for a combining nasal sign

2B00

Miscellaneous Symbols and Arrows

2BFF

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

White and black arrows

Other white and black arrows to complete this set can be found in the Arrows and Dingbats blocks.

2B00	↗	NORTH EAST WHITE ARROW
2B01	↖	NORTH WEST WHITE ARROW
2B02	↘	SOUTH EAST WHITE ARROW
2B03	↙	SOUTH WEST WHITE ARROW
2B04	↔	LEFT RIGHT WHITE ARROW
		→ 21E6 ↔ leftwards white arrow
		→ 21F3 ⇅ up down white arrow
2B05	←	LEFTWARDS BLACK ARROW
		→ 27A1 → black rightwards arrow
		→ 2B95 → rightwards black arrow
2B06	↑	UPWARDS BLACK ARROW
2B07	↓	DOWNWARDS BLACK ARROW
2B08	↗	NORTH EAST BLACK ARROW
2B09	↖	NORTH WEST BLACK ARROW
2B0A	↘	SOUTH EAST BLACK ARROW
2B0B	↙	SOUTH WEST BLACK ARROW
2B0C	↔	LEFT RIGHT BLACK ARROW
2B0D	⇅	UP DOWN BLACK ARROW

Arrows with bent tips

Other arrows with bent tips to complete this set can be found in the Arrows block.

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

2B12	◼	SQUARE WITH TOP HALF BLACK
		→ 25E7 ◼ square with left half black
2B13	◼	SQUARE WITH BOTTOM HALF BLACK
2B14	◼	SQUARE WITH UPPER RIGHT DIAGONAL HALF BLACK
2B15	◼	SQUARE WITH LOWER LEFT DIAGONAL HALF BLACK

Diamonds

2B16	◈	DIAMOND WITH LEFT HALF BLACK
2B17	◈	DIAMOND WITH RIGHT HALF BLACK
2B18	◈	DIAMOND WITH TOP HALF BLACK
2B19	◈	DIAMOND WITH BOTTOM HALF BLACK

Squares

2B1A	◻	DOTTED SQUARE
2B1B	■	BLACK LARGE SQUARE
		→ 25A0 ■ black square
2B1C	□	WHITE LARGE SQUARE
		→ 25A1 □ white square
2B1D	▪	BLACK VERY SMALL SQUARE
		→ 25AA ▪ black small square
2B1E	◻	WHITE VERY SMALL SQUARE
		→ 25AB ◻ white small square

Pentagons

2B1F	⬠	BLACK PENTAGON
2B20	⬡	WHITE PENTAGON

Hexagons

2B21	⬢	WHITE HEXAGON
		→ 2394 ⬢ software-function symbol
2B22	⬤	BLACK HEXAGON
2B23	⬡	HORIZONTAL BLACK HEXAGON

Circle

2B24	●	BLACK LARGE CIRCLE
		→ 25CF ● black circle
		→ 25EF ○ large circle
		→ 1F534 ● large red circle

Diamonds and lozenges

2B25	◆	BLACK MEDIUM DIAMOND
		→ 25C6 ◆ black diamond
2B26	◇	WHITE MEDIUM DIAMOND
		→ 25C7 ◇ white diamond
		→ 1F754 ◇ alchemical symbol for soap
2B27	⬠	BLACK MEDIUM LOZENGE
2B28	◇	WHITE MEDIUM LOZENGE
		→ 25CA ◇ lozenge
2B29	◆	BLACK SMALL DIAMOND
		→ 22C4 ◆ diamond operator
		→ 1F538 ◆ small orange diamond
2B2A	⬤	BLACK SMALL LOZENGE
2B2B	◇	WHITE SMALL LOZENGE

Ellipses

2B2C	●	BLACK HORIZONTAL ELLIPSE
2B2D	○	WHITE HORIZONTAL ELLIPSE
2B2E	●	BLACK VERTICAL ELLIPSE
2B2F	○	WHITE VERTICAL ELLIPSE

Mathematical arrows

These provide the opposite direction complement for arrows for mathematical use not originally encoded in both a leftwards and rightwards direction.

2B30	↔	LEFT ARROW WITH SMALL CIRCLE
		→ 21F4 ↔ right arrow with small circle
2B31	⇄	THREE LEFTWARDS ARROWS
		→ 21F6 ⇄ three rightwards arrows
2B32	⊕	LEFT ARROW WITH CIRCLED PLUS
		→ 27F4 ⊕ right arrow with circled plus
2B33	↔	LONG LEFTWARDS SQUIGGLE ARROW
		→ 27FF ↔ long rightwards squiggle arrow
		→ 21DC ↔ leftwards squiggle arrow
2B34	↔	LEFTWARDS TWO-HEADED ARROW WITH VERTICAL STROKE
		→ 2900 ↔ rightwards two-headed arrow with vertical stroke
2B35	↔	LEFTWARDS TWO-HEADED ARROW WITH DOUBLE VERTICAL STROKE
		→ 2901 ↔ rightwards two-headed arrow with double vertical stroke
2B36	↔	LEFTWARDS TWO-HEADED ARROW FROM BAR
		→ 2905 ↔ rightwards two-headed arrow from bar
2B37	↔	LEFTWARDS TWO-HEADED TRIPLE DASH ARROW
		→ 2910 ↔ rightwards two-headed triple dash arrow
2B38	↔	LEFTWARDS ARROW WITH DOTTED STEM
		→ 2911 ↔ rightwards arrow with dotted stem
2B39	↔	LEFTWARDS ARROW WITH TAIL WITH VERTICAL STROKE
		→ 2914 ↔ rightwards arrow with tail with vertical stroke
2B3A	↔	LEFTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE
		→ 2915 ↔ rightwards arrow with tail with double vertical stroke

- 2B3B ← LEFTWARDS TWO-HEADED ARROW WITH TAIL
→ 2916 ⇨ rightwards two-headed arrow with tail
- 2B3C ⇐ LEFTWARDS TWO-HEADED ARROW WITH TAIL WITH VERTICAL STROKE
→ 2917 ⇨ rightwards two-headed arrow with tail with vertical stroke
- 2B3D ⇐ LEFTWARDS TWO-HEADED ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE
→ 2918 ⇨ rightwards two-headed arrow with tail with double vertical stroke
- 2B3E ⇐ LEFTWARDS ARROW THROUGH X
→ 2947 ⇨ rightwards arrow through x
- 2B3F ↶ WAVE ARROW POINTING DIRECTLY LEFT
→ 2933 ↷ wave arrow pointing directly right
→ 219C ↶ leftwards wave arrow
- 2B40 ⇌ EQUALS SIGN ABOVE LEFTWARDS ARROW
→ 2971 ⇌ equals sign above rightwards arrow
- 2B41 ⇐ REVERSE TILDE OPERATOR ABOVE LEFTWARDS ARROW
• mirror image of “↷”
→ 2972 ⇐ tilde operator above rightwards arrow
- 2B42 ⇐ LEFTWARDS ARROW ABOVE REVERSE ALMOST EQUAL TO
• mirror image of “↷”
→ 2975 ⇐ rightwards arrow above almost equal to
- 2B43 ⇨ RIGHTWARDS ARROW THROUGH GREATER-THAN
• mirror image of “↷”
→ 2977 ⇐ leftwards arrow through less-than
- 2B44 ⇨ RIGHTWARDS ARROW THROUGH SUPERSET
• mirror image of “↷”
→ 297A ⇐ leftwards arrow through subset
- 2B45 ⇌ LEFTWARDS QUADRUPLE ARROW
→ 27F0 ⇌ upwards quadruple arrow
- 2B46 ⇌ RIGHTWARDS QUADRUPLE ARROW
- 2B47 ⇐ REVERSE TILDE OPERATOR ABOVE RIGHTWARDS ARROW
- 2B48 ⇨ RIGHTWARDS ARROW ABOVE REVERSE ALMOST EQUAL TO
- 2B49 ⇐ TILDE OPERATOR ABOVE LEFTWARDS ARROW
- 2B4A ⇐ LEFTWARDS ARROW ABOVE ALMOST EQUAL TO
- 2B4B ⇐ LEFTWARDS ARROW ABOVE REVERSE TILDE OPERATOR
• mirror image of “↷”
→ 2974 ⇐ rightwards arrow above tilde operator
- 2B4C ⇨ RIGHTWARDS ARROW ABOVE REVERSE TILDE OPERATOR
• mirror image of “↷”
→ 2973 ⇐ leftwards arrow above tilde operator

Miscellaneous arrow

- 2B4D ↴ DOWNWARDS TRIANGLE-HEADED ZIGZAG ARROW
→ 21AF ↴ downwards zigzag arrow

Intonation marks for Lithuanian dialectology

- 2B4E ↗ SHORT SLANTED NORTH ARROW
• slight rise in tone

- 2B4F ↘ SHORT BACKSLANTED SOUTH ARROW
• slight fall or overall fall in tone when at the end of a word or at the beginning of a phrase, respectively

Stars

- 2B50 ☆ WHITE MEDIUM STAR
→ 2606 ☆ white star
- 2B51 ★ BLACK SMALL STAR
→ 066D ★ arabic five pointed star
→ 22C6 ★ star operator
→ 2605 ★ black star
- 2B52 ☆ WHITE SMALL STAR

Pentagons

- 2B53 ⬠ BLACK RIGHT-POINTING PENTAGON
- 2B54 ⬡ WHITE RIGHT-POINTING PENTAGON

Traffic sign from ARIB STD B24

- 2B55 ○ HEAVY LARGE CIRCLE
= basic symbol for speed limit
• forms a game tally pair with 274C ✕
→ 25EF ○ large circle

Dictionary and map symbols from ARIB STD B24

- 2B56 ◎ HEAVY OVAL WITH OVAL INSIDE
= prefectural office
- 2B57 ⦿ HEAVY CIRCLE WITH CIRCLE INSIDE
= municipal office
→ 25CE ⦿ bullseye
- 2B58 ○ HEAVY CIRCLE
= town or village office
= power off symbol
→ 23FD ⏻ power on symbol
→ 25CB ○ white circle
- 2B59 ⊗ HEAVY CIRCLED SALTIRE
= police station
→ 2A02 ⊗ n-ary circled times operator

Intonation marks for Lithuanian dialectology

- 2B5A ↗ SLANTED NORTH ARROW WITH HOOKED HEAD
• increasing tone with falling trend at the end
- 2B5B ↘ BACKSLANTED SOUTH ARROW WITH HOOKED TAIL
• sharp rise and fall in tone
- 2B5C ↗ SLANTED NORTH ARROW WITH HORIZONTAL TAIL
• continued rise in tone
- 2B5D ↘ BACKSLANTED SOUTH ARROW WITH HORIZONTAL TAIL
• continued fall in tone
- 2B5E ↙ BENT ARROW POINTING DOWNWARDS THEN NORTH EAST
• sharp fall in tone with rising trend at the end
- 2B5F ↙ SHORT BENT ARROW POINTING DOWNWARDS THEN NORTH EAST
• slight fall in tone with rising trend at the end

Triangle-headed arrows

- 2B60 ← LEFTWARDS TRIANGLE-HEADED ARROW
→ 2190 ← leftwards arrow
- 2B61 ↑ UPWARDS TRIANGLE-HEADED ARROW
→ 2191 ↑ upwards arrow
- 2B62 → RIGHTWARDS TRIANGLE-HEADED ARROW
→ 2192 → rightwards arrow
→ 279D → triangle-headed rightwards arrow

2B63	↓	DOWNWARDS TRIANGLE-HEADED ARROW → 2193 ↓ downwards arrow
2B64	↔	LEFT RIGHT TRIANGLE-HEADED ARROW → 2194 ↔ left right arrow
2B65	↑	UP DOWN TRIANGLE-HEADED ARROW → 2195 ↑ up down arrow
2B66	↖	NORTH WEST TRIANGLE-HEADED ARROW → 2196 ↖ north west arrow
2B67	↗	NORTH EAST TRIANGLE-HEADED ARROW → 2197 ↗ north east arrow
2B68	↘	SOUTH EAST TRIANGLE-HEADED ARROW → 2198 ↘ south east arrow
2B69	↙	SOUTH WEST TRIANGLE-HEADED ARROW → 2199 ↙ south west arrow
2B6A	←	LEFTWARDS TRIANGLE-HEADED DASHED ARROW → 21E0 ← leftwards dashed arrow
2B6B	↑	UPWARDS TRIANGLE-HEADED DASHED ARROW → 21E1 ↑ upwards dashed arrow
2B6C	→	RIGHTWARDS TRIANGLE-HEADED DASHED ARROW → 21E2 → rightwards dashed arrow
2B6D	↓	DOWNWARDS TRIANGLE-HEADED DASHED ARROW → 21E3 ↓ downwards dashed arrow
2B6E	↻	CLOCKWISE TRIANGLE-HEADED OPEN CIRCLE ARROW → 21BB ↻ clockwise open circle arrow
2B6F	↺	ANTICLOCKWISE TRIANGLE-HEADED OPEN CIRCLE ARROW → 21BA ↺ anticlockwise open circle arrow
2B70	←	LEFTWARDS TRIANGLE-HEADED ARROW TO BAR = left tab → 21E4 ← leftwards arrow to bar
2B71	↑	UPWARDS TRIANGLE-HEADED ARROW TO BAR = up tab → 2912 ↑ upwards arrow to bar
2B72	→	RIGHTWARDS TRIANGLE-HEADED ARROW TO BAR = right tab → 21E5 → rightwards arrow to bar
2B73	↓	DOWNWARDS TRIANGLE-HEADED ARROW TO BAR = down tab → 2913 ↓ downwards arrow to bar
2B74	⏏	<reserved>
2B75	⏏	<reserved>
2B76	↖	NORTH WEST TRIANGLE-HEADED ARROW TO BAR = home
2B77	↗	NORTH EAST TRIANGLE-HEADED ARROW TO BAR
2B78	↘	SOUTH EAST TRIANGLE-HEADED ARROW TO BAR = end
2B79	↙	SOUTH WEST TRIANGLE-HEADED ARROW TO BAR
2B7A	↔	LEFTWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE × LEFTWARDS TRIANGLE-HEADED ARROW WITH DOUBLE VERTICAL STROKE

2B7B	⇄	UPWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE = page up
2B7C	⇄	RIGHTWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE × RIGHTWARDS TRIANGLE-HEADED ARROW WITH DOUBLE VERTICAL STROKE
2B7D	⇄	DOWNWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE = page down

Keyboard symbols

2B7E	⇄	HORIZONTAL TAB KEY → 21B9 ⇄ leftwards arrow to bar over rightwards arrow to bar
2B7F	⇄	VERTICAL TAB KEY

Paired triangle-headed arrows

2B80	↔	LEFTWARDS TRIANGLE-HEADED ARROW OVER RIGHTWARDS TRIANGLE-HEADED ARROW → 21C6 ↔ leftwards arrow over rightwards arrow
2B81	↕	UPWARDS TRIANGLE-HEADED ARROW LEFTWARDS OF DOWNWARDS TRIANGLE-HEADED ARROW
2B82	↔	RIGHTWARDS TRIANGLE-HEADED ARROW OVER LEFTWARDS TRIANGLE-HEADED ARROW
2B83	↕	DOWNWARDS TRIANGLE-HEADED ARROW LEFTWARDS OF UPWARDS TRIANGLE-HEADED ARROW → 21F5 ↕ downwards arrow leftwards of upwards arrow
2B84	⇄	LEFTWARDS TRIANGLE-HEADED PAIRED ARROWS → 21C7 ⇄ leftwards paired arrows
2B85	⇄	UPWARDS TRIANGLE-HEADED PAIRED ARROWS → 21C8 ⇄ upwards paired arrows
2B86	⇄	RIGHTWARDS TRIANGLE-HEADED PAIRED ARROWS → 21C9 ⇄ rightwards paired arrows
2B87	⇄	DOWNWARDS TRIANGLE-HEADED PAIRED ARROWS → 21CA ⇄ downwards paired arrows

Circled arrows

2B88	↻	LEFTWARDS BLACK CIRCLED WHITE ARROW
2B89	↻	UPWARDS BLACK CIRCLED WHITE ARROW
2B8A	↻	RIGHTWARDS BLACK CIRCLED WHITE ARROW → 27B2 ↻ circled heavy white rightwards arrow
2B8B	↻	DOWNWARDS BLACK CIRCLED WHITE ARROW

Triangle-headed u-shaped arrows

2B8C	↺	ANTICLOCKWISE TRIANGLE-HEADED RIGHT U-SHAPED ARROW
2B8D	↺	ANTICLOCKWISE TRIANGLE-HEADED BOTTOM U-SHAPED ARROW
2B8E	↺	ANTICLOCKWISE TRIANGLE-HEADED LEFT U-SHAPED ARROW
2B8F	↺	ANTICLOCKWISE TRIANGLE-HEADED TOP U-SHAPED ARROW → 21B6 ↺ anticlockwise top semicircle arrow

Keyboard symbols

2B90	↵	RETURN LEFT → 23CE ↵ return symbol
2B91	↵	RETURN RIGHT
2B92	↵	NEWLINE LEFT

2B93 ↵ NEWLINE RIGHT

Miscellaneous arrow symbol

2B94 ↻ FOUR CORNER ARROWS CIRCLING ANTICLOCKWISE
= loop

Black arrow

2B95 ➡ RIGHTWARDS BLACK ARROW
→ 27A1 ➡ black rightwards arrow
→ 2B05 ⬅ leftwards black arrow

Arrowheads

These sets of arrowheads are narrower than the dingbats set.

2B98 ⬅ THREE-D TOP-LIGHTED LEFTWARDS EQUILATERAL ARROWHEAD
2B99 ⬆ THREE-D RIGHT-LIGHTED UPWARDS EQUILATERAL ARROWHEAD
2B9A ➤ THREE-D TOP-LIGHTED RIGHTWARDS EQUILATERAL ARROWHEAD
→ 27A2 ➤ three-d top-lighted rightwards arrowhead
2B9B ⬇ THREE-D LEFT-LIGHTED DOWNWARDS EQUILATERAL ARROWHEAD
2B9C ⬅ BLACK LEFTWARDS EQUILATERAL ARROWHEAD
2B9D ⬆ BLACK UPWARDS EQUILATERAL ARROWHEAD
2B9E ➤ BLACK RIGHTWARDS EQUILATERAL ARROWHEAD
→ 27A4 ➤ black rightwards arrowhead
2B9F ⬇ BLACK DOWNWARDS EQUILATERAL ARROWHEAD

Triangle-headed arrows with bent tips

2BA0 ↙ DOWNWARDS TRIANGLE-HEADED ARROW WITH LONG TIP LEFTWARDS
→ 21B2 ⬇ downwards arrow with tip leftwards
2BA1 ↘ DOWNWARDS TRIANGLE-HEADED ARROW WITH LONG TIP RIGHTWARDS
→ 21B3 ⬆ downwards arrow with tip rightwards
2BA2 ↖ UPWARDS TRIANGLE-HEADED ARROW WITH LONG TIP LEFTWARDS
→ 21B0 ↗ upwards arrow with tip leftwards
2BA3 ↗ UPWARDS TRIANGLE-HEADED ARROW WITH LONG TIP RIGHTWARDS
→ 21B1 ↗ upwards arrow with tip rightwards
2BA4 ↖ LEFTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP UPWARDS
→ 2B11 ↖ leftwards arrow with tip upwards
2BA5 ↗ RIGHTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP UPWARDS
→ 2B0F ↗ rightwards arrow with tip upwards
2BA6 ↘ LEFTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP DOWNWARDS
→ 2B10 ↖ leftwards arrow with tip downwards
2BA7 ↘ RIGHTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP DOWNWARDS
→ 2B0E ↘ rightwards arrow with tip downwards

Black curved arrows

2BA8 ↶ BLACK CURVED DOWNWARDS AND LEFTWARDS ARROW
2BA9 ↷ BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW
→ 27A5 ↷ heavy black curved downwards and rightwards arrow

2BAA ↶ BLACK CURVED UPWARDS AND LEFTWARDS ARROW
2BAB ↷ BLACK CURVED UPWARDS AND RIGHTWARDS ARROW
→ 27A6 ↷ heavy black curved upwards and rightwards arrow
2BAC ↵ BLACK CURVED LEFTWARDS AND UPWARDS ARROW
2BAD ↶ BLACK CURVED RIGHTWARDS AND UPWARDS ARROW
2BAE ↶ BLACK CURVED LEFTWARDS AND DOWNWARDS ARROW
2BAF ↷ BLACK CURVED RIGHTWARDS AND DOWNWARDS ARROW

Ribbon arrows

2BB0 ↙ RIBBON ARROW DOWN LEFT
2BB1 ↘ RIBBON ARROW DOWN RIGHT
2BB2 ↖ RIBBON ARROW UP LEFT
2BB3 ↗ RIBBON ARROW UP RIGHT
2BB4 ↖ RIBBON ARROW LEFT UP
2BB5 ↗ RIBBON ARROW RIGHT UP
2BB6 ↖ RIBBON ARROW LEFT DOWN
2BB7 ↘ RIBBON ARROW RIGHT DOWN

Keyboard symbols

2BB8 ⇧ UPWARDS WHITE ARROW FROM BAR WITH HORIZONTAL BAR
= caps lock
→ 21EC ⇧ upwards white arrow on pedestal with horizontal bar
2BB9 ☒ UP ARROWHEAD IN A RECTANGLE BOX
= escape
→ 2353 ☒ apl functional symbol quad up caret

Symbols used in chess notation

2BBA ☐ OVERLAPPING WHITE SQUARES
= pair of bishops
→ 29C9 ☐ two joined squares
2BBB ☐ OVERLAPPING WHITE AND BLACK SQUARES
= bishops of opposite colour
2BBC ■ OVERLAPPING BLACK SQUARES
= bishops of the same colour

Geometric symbols

2BBD ☒ BALLOT BOX WITH LIGHT X
→ 2612 ☒ ballot box with x
2BBE ⊗ CIRCLED X
→ 2297 ⊗ circled times
2BBF ⊗ CIRCLED BOLD X

Centred geometric shapes

2BC0 ■ BLACK SQUARE CENTRED
2BC1 ◆ BLACK DIAMOND CENTRED
2BC2 ⬠ TURNED BLACK PENTAGON
2BC3 ● HORIZONTAL BLACK OCTAGON
→ 1F6D1 ● octagonal sign
2BC4 ● BLACK OCTAGON
2BC5 ▲ BLACK MEDIUM UP-POINTING TRIANGLE CENTRED
→ 25B2 ▲ black up-pointing triangle
2BC6 ▼ BLACK MEDIUM DOWN-POINTING TRIANGLE CENTRED
→ 25BC ▼ black down-pointing triangle
2BC7 ◀ BLACK MEDIUM LEFT-POINTING TRIANGLE CENTRED
→ 25C0 ◀ black left-pointing triangle

- 2BC8 ► BLACK MEDIUM RIGHT-POINTING TRIANGLE CENTRED
→ 25B6 ► black right-pointing triangle

Astronomical symbol

- 2BC9 ♆ NEPTUNE FORM TWO
→ 2646 ♆ neptune

Half circles

- 2BCA ◐ TOP HALF BLACK CIRCLE
2BCB ◑ BOTTOM HALF BLACK CIRCLE

Cusp shapes

- 2BCC ✦ LIGHT FOUR POINTED BLACK CUSP
→ 2726 ✦ black four pointed star
2BCD ✧ ROTATED LIGHT FOUR POINTED BLACK CUSP
2BCE ✨ WHITE FOUR POINTED CUSP
→ 2727 ✨ white four pointed star
2BCF ⬡ ROTATED WHITE FOUR POINTED CUSP
→ 2311 ⬡ square lozenge

Miscellaneous symbols

- 2BD0 ㊦ SQUARE POSITION INDICATOR
→ 2316 ㊦ position indicator
2BD1 ❏ UNCERTAINTY SIGN
= query
→ 2370 ❏ apl functional symbol quad question
→ FFFD ❏ replacement character
2BD2 ㊥ GROUP MARK
• formerly used as a separator character for I/O operations
→ 2021 ㊥ double dagger
→ 29E7 ㊥ thermodynamic
→ 2E4B ㊥ triple dagger

Astrological symbols for Pluto

- 2BD3 ♇ PLUTO FORM TWO
→ 2647 ♇ pluto
2BD4 ♇ PLUTO FORM THREE
2BD5 ♇ PLUTO FORM FOUR
2BD6 ♇ PLUTO FORM FIVE

Miscellaneous astrological symbols

- 2BD7 ♄ TRANSPUTO
2BD8 ♃ PROSERPINA
2BD9 ♀ ASTRAEA
2BDA ♄ HYGIEA
2BDB ♄ PHOLUS
2BDC ♄ NESSUS
2BDD ♀ WHITE MOON SELENA
2BDE ♄ BLACK DIAMOND ON CROSS
= true black moon Lilith
2BDF ♀ TRUE LIGHT MOON ARTA

Uranian astrological symbols

- 2BE0 ♄ CUPIDO
2BE1 ♄ HADES
2BE2 ♄ ZEUS
2BE3 ♄ KRONOS
2BE4 ♄ APOLLON
2BE5 ♄ ADMETOS
2BE6 ♄ VULCANUS
2BE7 ♄ POSEIDON

Half star characters

These are used together with 2605 in systems of ratings.

- 2BE8 ★ LEFT HALF BLACK STAR
→ 2605 ★ black star
2BE9 ★ RIGHT HALF BLACK STAR
2BEA ★ STAR WITH LEFT HALF BLACK
2BEB ★ STAR WITH RIGHT HALF BLACK

Two-headed arrow symbols

The following four arrow symbols are the preferred representation for fast cursor direction for ISO 9995-7.

- 2BEC ⇐ LEFTWARDS TWO-HEADED ARROW WITH TRIANGLE ARROWHEADS
= fast cursor left
→ 219E ⇐ leftwards two headed arrow
2BED ↑ UPWARDS TWO-HEADED ARROW WITH TRIANGLE ARROWHEADS
= fast cursor up
2BEE → RIGHTWARDS TWO-HEADED ARROW WITH TRIANGLE ARROWHEADS
= fast cursor right
2BEF ↓ DOWNWARDS TWO-HEADED ARROW WITH TRIANGLE ARROWHEADS
= fast cursor down

Astrological symbols for Eris and Sedna

- 2BF0 ♁ ERIS FORM ONE
2BF1 ♁ ERIS FORM TWO
2BF2 ♁ SEDNA

Russian astrological aspects

- 2BF3 ♁ RUSSIAN ASTROLOGICAL SYMBOL VIGINTILE
• the vigintile aspect is usually represented by the letter V
2BF4 ♁ RUSSIAN ASTROLOGICAL SYMBOL NOVILE
• the novile aspect is usually represented by the letter N
2BF5 ♁ RUSSIAN ASTROLOGICAL SYMBOL QUINTILE
• the quintile aspect is usually represented by the letter Q
2BF6 ♁ RUSSIAN ASTROLOGICAL SYMBOL BINOVILE
• the binovile aspect is usually represented by the term N²
2BF7 ♁ RUSSIAN ASTROLOGICAL SYMBOL SENTAGON
• represents a 100-degree aspect
2BF8 ♁ RUSSIAN ASTROLOGICAL SYMBOL TREDECILE
• the tredecile aspect is usually represented by the term D³

Symbols used in chess notation

- 2BF9 ♁ EQUALS SIGN WITH INFINITY BELOW
= with compensation for the material
2BFA ♁ UNITED SYMBOL
= united pawns
→ 26AE ♁ divorce symbol
2BFB ♁ SEPARATED SYMBOL
= separated pawns
→ 26AF ♁ unmarried partnership symbol
→ 29DF ♁ double-ended multimap
→ 1F73A ♁ alchemical symbol for arsenic
2BFC ♁ DOUBLED SYMBOL
= doubled pawns
2BFD ♁ PASSED SYMBOL
= passed pawn
→ 2642 ♁ male sign

2BFE  REVERSED RIGHT ANGLE
 = without
 → 221F  right angle

Miscellaneous symbol

2BFF  HELLSCHREIBER PAUSE SYMBOL

	2E0	2E1	2E2	2E3	2E4	2E5	2E6	2E7
0	 2E00	 2E10	 2E20	 2E30	 2E40			
1	 2E01	 2E11	 2E21	 2E31	 2E41			
2	 2E02	 2E12	 2E22	 2E32	 2E42			
3	 2E03	 2E13	 2E23	 2E33	 2E43			
4	 2E04	 2E14	 2E24	 2E34	 2E44			
5	 2E05	 2E15	 2E25	 2E35	 2E45			
6	 2E06	 2E16	 2E26	 2E36	 2E46			
7	 2E07	 2E17	 2E27	 2E37	 2E47			
8	 2E08	 2E18	 2E28	 2E38	 2E48			
9	 2E09	 2E19	 2E29	 2E39	 2E49			
A	 2E0A	 2E1A	 2E2A	 2E3A	 2E4A			
B	 2E0B	 2E1B	 2E2B	 2E3B	 2E4B			
C	 2E0C	 2E1C	 2E2C	 2E3C	 2E4C			
D	 2E0D	 2E1D	 2E2D	 2E3D	 2E4D			
E	 2E0E	 2E1E	 2E2E	 2E3E	 2E4E			
F	 2E0F	 2E1F	 2E2F	 2E3F	 2E4F			

New Testament editorial symbols

- 2E00 ⌞ RIGHT ANGLE SUBSTITUTION MARKER
→ 231C ⌞ top left corner
- 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
→ 22A4 ⁂ down tack
- 2E07 ⁄ RAISED DOTTED INTERPOLATION MARKER
- 2E08 ⌵ DOTTED TRANSPOSITION MARKER
- 2E09 ⌶ LEFT TRANSPOSITION BRACKET
- 2E0A ⌷ RIGHT TRANSPOSITION BRACKET
- 2E0B ◻ RAISED SQUARE
• used as an opening raised omission bracket
- 2E0C ⌵ LEFT RAISED OMISSION BRACKET
• used as an opening or closing raised omission bracket
- 2E0D ⌶ RIGHT RAISED OMISSION BRACKET
• used as a closing or opening raised omission bracket

Ancient Greek textual symbols

- 2E0E Ⲁ EDITORIAL KORONIS
→ 1FBD Ⲁ greek koronis
- 2E0F — PARAGRAPHOS
- 2E10 — FORKED PARAGRAPHOS
- 2E11 — REVERSED FORKED PARAGRAPHOS
- 2E12 Ⲁ HYPODIASSTOLE
= ypodiastoli
- 2E13 Ⲁ DOTTED OBELOS
• glyph variants may look like ‘Ⲁ’ or ‘Ⲁ’
→ 2052 Ⲁ commercial minus sign
- 2E14 Ⲁ DOWNWARDS ANCORA
• contrary to its formal name this symbol points upwards
- 2E15 Ⲁ UPWARDS ANCORA
• contrary to its formal name this symbol points downwards
- 2E16 Ⲁ DOTTED RIGHT-POINTING ANGLE
= dipole periestigmene

Ancient Near-Eastern linguistic symbol

- 2E17 Ⲁ DOUBLE OBLIQUE HYPHEN
• used in ancient Near-Eastern linguistics
• hyphen in Fraktur text uses 002D - or 2010 - , but with a ‘Ⲁ’ glyph in Fraktur fonts
→ 002D - hyphen-minus
→ 003D = equals sign
→ 2010 - hyphen
→ 2E40 = double hyphen

General punctuation

- 2E18 Ⲁ INVERTED INTERROBANG
= gnaborretni
→ 203D Ⲁ interrobang
- 2E19 Ⲁ PALM BRANCH
• used as a separator

Dictionary punctuation

These punctuation marks are used mostly in German dictionaries, to indicate umlaut or case changes with abbreviated stems.

- 2E1A Ⲁ HYPHEN WITH DIAERESIS
• indicates umlaut of the stem vowel of a plural form
- 2E1B Ⲁ TILDE WITH RING ABOVE
• indicates change in case for derived form

Brackets

- 2E1C Ⲁ LEFT LOW PARAPHRASE BRACKET
- 2E1D Ⲁ RIGHT LOW PARAPHRASE BRACKET
• used in N'Ko

Dictionary punctuation

- 2E1E Ⲁ TILDE WITH DOT ABOVE
• indicates derived form changes to uppercase
- 2E1F Ⲁ TILDE WITH DOT BELOW
• indicates derived form changes to lowercase

Brackets

- 2E20 Ⲁ LEFT VERTICAL BAR WITH QUILL
→ 2045 Ⲁ left square bracket with quill
- 2E21 Ⲁ RIGHT VERTICAL BAR WITH QUILL

Half brackets

These form a set of four corner brackets and are used editorially. They are distinguished from mathematical floor and ceiling characters. Occasionally quine corners are substituted for half brackets.

- 2E22 Ⲁ TOP LEFT HALF BRACKET
→ 2308 Ⲁ left ceiling
→ 231C Ⲁ top left corner
→ 300C Ⲁ left corner bracket
- 2E23 Ⲁ TOP RIGHT HALF BRACKET
- 2E24 Ⲁ BOTTOM LEFT HALF BRACKET
- 2E25 Ⲁ BOTTOM RIGHT HALF BRACKET

Brackets

- 2E26 Ⲁ LEFT SIDEWAYS U BRACKET
→ 2282 Ⲁ subset of
- 2E27 Ⲁ RIGHT SIDEWAYS U BRACKET
→ 2283 Ⲁ superset of
- 2E28 Ⲁ LEFT DOUBLE PARENTHESIS
→ 2985 Ⲁ left white parenthesis
→ FF5F Ⲁ fullwidth left white parenthesis
- 2E29 Ⲁ RIGHT DOUBLE PARENTHESIS

Historic punctuation

See also historic punctuation with multiple dots in the range 2058-205E.

- 2E2A Ⲁ TWO DOTS OVER ONE DOT PUNCTUATION
- 2E2B Ⲁ ONE DOT OVER TWO DOTS PUNCTUATION
- 2E2C Ⲁ SQUARED FOUR DOT PUNCTUATION
- 2E2D Ⲁ FIVE DOT MARK
- 2E2E Ⲁ REVERSED QUESTION MARK
= punctus percontativus
→ 003F Ⲁ question mark
→ 00BF Ⲁ inverted question mark
→ 061F Ⲁ arabic question mark
- 2E2F Ⲁ VERTICAL TILDE
• used for Cyrillic yerik
→ 033E Ⲁ combining vertical tilde
→ A67F Ⲁ cyrillic payerok

- 2E30 ◦ RING POINT
- used in Avestan
 - 2218 ◦ ring operator
 - 25E6 ◦ white bullet
- 2E31 · WORD SEPARATOR MIDDLE DOT
- used in Avestan, Samaritan, ...
 - 00B7 · middle dot

Palaeotype transliteration symbol

- 2E32 ˘ TURNED COMMA
- indicates nasalization
 - 060C ˘ arabic comma

Historic punctuation

- 2E33 ˙ RAISED DOT
- glyph position intermediate between 002E ˙ and 00B7 ˙
 - 002E ˙ full stop
 - 00B7 ˙ middle dot
- 2E34 ˆ RAISED COMMA
- 002C ˆ comma

Palaeotype transliteration symbols

- 2E35 ː TURNED SEMICOLON
- indicates sudden glottal closure
 - 061B ː arabic semicolon
- 2E36 † DAGGER WITH LEFT GUARD
- indicates retracted pronunciation
- 2E37 ‡ DAGGER WITH RIGHT GUARD
- indicates advanced pronunciation
- 2E38 ‡ TURNED DAGGER
- indicates retroflex pronunciation
 - 2020 ‡ dagger
- 2E39 § TOP HALF SECTION SIGN
- indicates pronunciation on one side of the mouth only
 - 00A7 § section sign

Dashes

- 2E3A  TWO-EM DASH
- = omission dash
 - 2014 — em dash
- 2E3B  THREE-EM DASH

Alternate forms of punctuation

- 2E3C ˆ STENOGRAPHIC FULL STOP
- used in shorthands and stenographies
 - 002E ˙ full stop
 - 166E x canadian syllabics full stop
- 2E3D ˙ VERTICAL SIX DOTS
- 205E ˙ vertical four dots
 - 2999 ˙ dotted fence
- 2E3E ˙ WIGGLY VERTICAL LINE
- 2307 ˙ wavy line
 - 299A ˙ vertical zigzag line

Historic punctuation

- 2E3F Ɔ CAPITULUM
- ancestor of the pilcrow sign
 - 00B6 ¶ pilcrow sign

Double hyphen

The double hyphen is used in transcription of old German manuscripts, and occasionally as a non-standard punctuation mark. It is not intended for the representation of normal hyphens, whose doubled forms in Fraktur text are considered glyphic variants.

- 2E40 = DOUBLE HYPHEN
- 003D = equals sign
 - 2010 - hyphen
 - 2E17 ˆ double oblique hyphen
 - 30A0 = katakana-hiragana double hyphen
 - A78A = modifier letter short equals sign

Reversed punctuation

- 2E41 ˘ REVERSED COMMA
- also used in Sindhi
 - 002C ˘ comma
 - 060C ˘ arabic comma
- 2E42 ˘ DOUBLE LOW-REVERSED-9 QUOTATION MARK
- 201E ˘ double low-9 quotation mark

Miscellaneous punctuation

- 2E43 ˘ DASH WITH LEFT UPTURN
- functions as a paragraphos in some Slavonic texts
 - 2E0F ˘ paragraphos
- 2E44 ˘ DOUBLE SUSPENSION MARK
- indicates omission of letters in a word on some Byzantine Greek seals and coins
 - 0374 ˘ greek numeral sign

Typicon punctuation

- 2E45 ˘ INVERTED LOW KAVYKA
- 2E46 ˘ INVERTED LOW KAVYKA WITH KAVYKA ABOVE
- 2A46 ˘ union above intersection
 - AB5B ˘ modifier breve with inverted breve
- 2E47 ˘ LOW KAVYKA
- A67E ˘ cyrillic kavyka
- 2E48 ˘ LOW KAVYKA WITH DOT
- 2E49 ˘ DOUBLE STACKED COMMA

Historic punctuation

- 2E4A ˘ DOTTED SOLIDUS
- = virgula suspensiva
 - indicates a medial disjunction more than solidus but less than punctus elevatus
- 2E4B ˘ TRIPLE DAGGER
- 2020 ‡ dagger
 - 2021 ‡ double dagger
- 2E4C ˘ MEDIEVAL COMMA
- indicates a minor medial pause or disjunction of sense
- 2E4D ˘ PARAGRAPHUS MARK
- indicates the beginning of a paragraph, section, stanza, or proposition
 - 00B6 ¶ pilcrow sign
 - 204B ¶ reversed pilcrow sign
 - 2E0F ˘ paragraphos
 - 2E3F Ɔ capitulum
- 2E4E ˘ PUNCTUS ELEVATUS MARK
- indicates a major medial pause where the sense is complete but the meaning is not

2E4F ˘ CORNISH VERSE DIVIDER

9FE0

CJK Unified Ideographs

9FEF

HEX	C	J	K	V
9FE0 禾 115.16	利爾 UTC-01189			
9FE1 网 122.28	羅爾 UTC-01192			
9FE2 耳 128.8	耶合 UTC-01195			
9FE3 耳 128.9	耶克 UTC-01182			
9FE4 耳 128.12	耶格 UTC-01180			
9FE5 艮 138.17	郎爾 UTC-01185			
9FE6 艸 140.18	英微 UTC-01179			
9FE7 阜 170.23	隆爾 UTC-01193			
9FE8 雨 173.19	雷爾 UTC-01188			
9FE9 魚 195.18	魚爾 UTC-01194			
9FEA 火 86.13			燄 K3-2A46	
9FEB 气 84.13	氮 GCE-118	氮 T5-7C54		
9FEC 石 112.5	砒 GCE-117	砒 T4-6E5D		
9FED 钅 167.5	铈 GCE-113			
	铈 UTC-01119			
9FEE 广 53.10		蓆 JMJ-057449		
9FEF 米 119.10		粲 JMJ-060040		

	A72	A73	A74	A75	A76	A77	A78	A79	A7A	A7B	A7C	A7D	A7E	A7F
0	ƒ A720	F A730	K A740	P A750	W A760	9 A770	Ƨ A780	N A790	G A7A0	X A7B0				
1	ƒ A721	s A731	k A741	p A751	w A761	ɖ A771	l A781	n A791	g A7A1	L A7B1				
2	ƒ A722	AA A732	K A742	P A752	Ƒ A762	l A772	ƚ A782	€ A792	K A7A2	J A7B2	V A7C2			
3	ƒ A723	aa A733	k A743	p A753	Ƒ A763	m A773	ƚ A783	€ A793	k A7A3	X A7B3	v A7C3			
4	ƒ A724	AO A734	K A744	Ʋ A754	Ƒ A764	n A774	ƚ A784	ç A794	N A7A4	B A7B4	C A7C4			
5	ƒ A725	æ A735	k A745	Ʋ A755	Ƒ A765	ƚ A775	ƚ A785	h A795	n A7A5	β A7B5	S A7C5			
6	H A726	A A736	L A746	Q A756	P A766	R A776	Ƨ A786	B A796	R A7A6	Ƨ A7B6	Z A7C6			
7	h A727	ai A737	l A747	q A757	Ƒ A767	Ƨ A777	Ƨ A787	Ƨ A797	Ƨ A7A7	Ƨ A7B7				Ƨ A7F7
8	Ƨ A728	A A738	L A748	Q A758	Ƒ A768	Ƨ A778	Ƨ A788	Ƨ A798	Ƨ A7A8	Ƨ A7B8				H A7F8
9	t A729	a A739	l A749	q A759	Ƒ A769	Ƨ A779	Ƨ A789	Ƨ A799	Ƨ A7A9	Ƨ A7B9				œ A7F9
A	Ƨ A72A	A A73A	Ƨ A74A	Ƨ A75A	Ƨ A76A	Ƨ A77A	= A78A	Ƨ A79A	H A7AA	A A7BA				Ƨ A7FA
B	Ƨ A72B	æ A73B	Ƨ A74B	Ƨ A75B	Ƨ A76B	Ƨ A77B	Ƨ A78B	Ƨ A79B	Ƨ A7AB	Ƨ A7BB				Ƨ A7FB
C	4 A72C	A A73C	Ƨ A74C	Ƨ A75C	Ƨ A76C	Ƨ A77C	Ƨ A78C	Ƨ A79C	Ƨ A7AC	I A7BC				Ƨ A7FC
D	4 A72D	ay A73D	Ƨ A74D	Ƨ A75D	Ƨ A76D	Ƨ A77D	Ƨ A78D	Ƨ A79D	Ƨ A7AD	Ƨ A7BD				W A7FD
E	4 A72E	Ƨ A73E	Ƨ A74E	Ƨ A75E	Ƨ A76E	Ƨ A77E	Ƨ A78E	Ƨ A79E	Ƨ A7AE	Ƨ A7BE				I A7FE
F	4 A72F	Ƨ A73F	Ƨ A74F	Ƨ A75F	Ƨ A76F	Ƨ A77F	• A78F	Ƨ A79F	Q A7AF	Ƨ A7BF				W A7FF

Additions for UPA

A720	™	MODIFIER LETTER STRESS AND HIGH TONE
A721	™	MODIFIER LETTER STRESS AND LOW TONE

Egyptological additions

A722	Ⲁ	LATIN CAPITAL LETTER EGYPTOLOGICAL ALEF
A723	ⲁ	LATIN SMALL LETTER EGYPTOLOGICAL ALEF
A724	Ⲃ	LATIN CAPITAL LETTER EGYPTOLOGICAL AIN
A725	ⲃ	LATIN SMALL LETTER EGYPTOLOGICAL AIN
• this is a case pair		
→ 1D25 Ⲅ latin letter ain		
→ 1D5C Ⲇ modifier letter small ain		
→ A7BD ⲇ latin small letter glottal i		

Mayanist additions

A726	Ɀ	LATIN CAPITAL LETTER HENG
A727	ⱽ	LATIN SMALL LETTER HENG
A728	Ɀ	LATIN CAPITAL LETTER TZ
A729	ⱽ	LATIN SMALL LETTER TZ
A72A	Ɀ	LATIN CAPITAL LETTER TRESILLO
A72B	ⱽ	LATIN SMALL LETTER TRESILLO
→ 218B Ɀ turned digit three		
A72C	Ɀ	LATIN CAPITAL LETTER CUATRILLO
A72D	ⱽ	LATIN SMALL LETTER CUATRILLO
A72E	Ɀ	LATIN CAPITAL LETTER CUATRILLO WITH COMMA
A72F	ⱽ	LATIN SMALL LETTER CUATRILLO WITH COMMA

Medievalist additions

A730	ƒ	LATIN LETTER SMALL CAPITAL F
A731	s	LATIN LETTER SMALL CAPITAL S
A732	AA	LATIN CAPITAL LETTER AA
A733	aa	LATIN SMALL LETTER AA
A734	AO	LATIN CAPITAL LETTER AO
A735	ao	LATIN SMALL LETTER AO
A736	AJ	LATIN CAPITAL LETTER AU
A737	aj	LATIN SMALL LETTER AU
A738	AV	LATIN CAPITAL LETTER AV
A739	av	LATIN SMALL LETTER AV
A73A	AV	LATIN CAPITAL LETTER AV WITH HORIZONTAL BAR
A73B	av	LATIN SMALL LETTER AV WITH HORIZONTAL BAR
A73C	AY	LATIN CAPITAL LETTER AY
A73D	ay	LATIN SMALL LETTER AY
A73E	Ɔ	LATIN CAPITAL LETTER REVERSED C WITH DOT
A73F	ɔ	LATIN SMALL LETTER REVERSED C WITH DOT
A740	K	LATIN CAPITAL LETTER K WITH STROKE
A741	k	LATIN SMALL LETTER K WITH STROKE
A742	K	LATIN CAPITAL LETTER K WITH DIAGONAL STROKE
A743	k	LATIN SMALL LETTER K WITH DIAGONAL STROKE
A744	K	LATIN CAPITAL LETTER K WITH STROKE AND DIAGONAL STROKE
A745	k	LATIN SMALL LETTER K WITH STROKE AND DIAGONAL STROKE
A746	L	LATIN CAPITAL LETTER BROKEN L
A747	l	LATIN SMALL LETTER BROKEN L
A748	L	LATIN CAPITAL LETTER L WITH HIGH STROKE
A749	l	LATIN SMALL LETTER L WITH HIGH STROKE
A74A	⓪	LATIN CAPITAL LETTER O WITH LONG STROKE OVERLAY

A74B	⓪	LATIN SMALL LETTER O WITH LONG STROKE OVERLAY
A74C	⓪	LATIN CAPITAL LETTER O WITH LOOP
A74D	⓪	LATIN SMALL LETTER O WITH LOOP
A74E	⓪	LATIN CAPITAL LETTER OO
A74F	⓪	LATIN SMALL LETTER OO
A750	P	LATIN CAPITAL LETTER P WITH STROKE THROUGH DESCENDER
A751	p	LATIN SMALL LETTER P WITH STROKE THROUGH DESCENDER
A752	P	LATIN CAPITAL LETTER P WITH FLOURISH
A753	p	LATIN SMALL LETTER P WITH FLOURISH
A754	P	LATIN CAPITAL LETTER P WITH SQUIRREL TAIL
A755	p	LATIN SMALL LETTER P WITH SQUIRREL TAIL
A756	Q	LATIN CAPITAL LETTER Q WITH STROKE THROUGH DESCENDER
A757	q	LATIN SMALL LETTER Q WITH STROKE THROUGH DESCENDER
A758	Q	LATIN CAPITAL LETTER Q WITH DIAGONAL STROKE
A759	q	LATIN SMALL LETTER Q WITH DIAGONAL STROKE
A75A	Q	LATIN CAPITAL LETTER R ROTUNDA
A75B	q	LATIN SMALL LETTER R ROTUNDA
A75C	Q	LATIN CAPITAL LETTER RUM ROTUNDA
A75D	q	LATIN SMALL LETTER RUM ROTUNDA
A75E	V	LATIN CAPITAL LETTER V WITH DIAGONAL STROKE
A75F	v	LATIN SMALL LETTER V WITH DIAGONAL STROKE
A760	VY	LATIN CAPITAL LETTER VY
A761	vy	LATIN SMALL LETTER VY
A762	Z	LATIN CAPITAL LETTER VISIGOTHIC Z
A763	z	LATIN SMALL LETTER VISIGOTHIC Z
A764	Þ	LATIN CAPITAL LETTER THORN WITH STROKE
A765	þ	LATIN SMALL LETTER THORN WITH STROKE
• Old Norse, Old English		
• representative glyph is preferred in Old Norse text		
• Old English fonts show a more diagonal stroke		
A766	Þ	LATIN CAPITAL LETTER THORN WITH STROKE THROUGH DESCENDER
A767	þ	LATIN SMALL LETTER THORN WITH STROKE THROUGH DESCENDER
A768	V	LATIN CAPITAL LETTER VEND
A769	v	LATIN SMALL LETTER VEND
A76A	3	LATIN CAPITAL LETTER ET
A76B	3	LATIN SMALL LETTER ET
A76C	J	LATIN CAPITAL LETTER IS
A76D	j	LATIN SMALL LETTER IS
A76E	9	LATIN CAPITAL LETTER CON
A76F	9	LATIN SMALL LETTER CON
A770	9	MODIFIER LETTER US
≈ <super> A76F 9		
A771	d	LATIN SMALL LETTER DUM
A772	l	LATIN SMALL LETTER LUM
A773	m	LATIN SMALL LETTER MUM
A774	n	LATIN SMALL LETTER NUM
A775	r	LATIN SMALL LETTER RUM
A776	R	LATIN LETTER SMALL CAPITAL RUM
A777	t	LATIN SMALL LETTER TUM
A778	8	LATIN SMALL LETTER UM

Insular and Celticist letters

A779	Ɔ	LATIN CAPITAL LETTER INSULAR D
A77A	ɔ	LATIN SMALL LETTER INSULAR D
A77B	Ɔ	LATIN CAPITAL LETTER INSULAR F
A77C	ɔ	LATIN SMALL LETTER INSULAR F
A77D	Ɔ	LATIN CAPITAL LETTER INSULAR G
		• lowercase is 1D79 ɔ
A77E	Ɔ	LATIN CAPITAL LETTER TURNED INSULAR G
A77F	ɔ	LATIN SMALL LETTER TURNED INSULAR G
A780	Ɔ	LATIN CAPITAL LETTER TURNED L
A781	ɔ	LATIN SMALL LETTER TURNED L
A782	Ɔ	LATIN CAPITAL LETTER INSULAR R
A783	ɔ	LATIN SMALL LETTER INSULAR R
A784	Ɔ	LATIN CAPITAL LETTER INSULAR S
A785	ɔ	LATIN SMALL LETTER INSULAR S
A786	Ɔ	LATIN CAPITAL LETTER INSULAR T
A787	ɔ	LATIN SMALL LETTER INSULAR T

Modifier letters

A788	˘	MODIFIER LETTER LOW CIRCUMFLEX ACCENT → 02C6 ˘ modifier letter circumflex accent → 2038 ˘ caret
A789	:	MODIFIER LETTER COLON • used as a tone letter in some orthographies • Budu (Congo), Sabaot (Kenya), and several Papua New Guinea languages → 003A : colon
A78A	=	MODIFIER LETTER SHORT EQUALS SIGN • used as a tone letter in some orthographies • Budu (Congo) → 003D = equals sign

Orthographic letters for glottals

A78B	ʼ	LATIN CAPITAL LETTER SALTILLO • Me'phaa (Mexico)
A78C	ʼ	LATIN SMALL LETTER SALTILLO • saltillos are used as a casing pair for glottal stop in some orthographies • the lowercase is widely used in many languages in Mexico and other regions, including Izere in Nigeria → 0027 ' apostrophe → 0242 ʼ latin small letter glottal stop → 0294 ʼ latin letter glottal stop → 02BC ʼ modifier letter apostrophe → 02C0 ʼ modifier letter glottal stop

Additional letter

A78D	Ꞥ	LATIN CAPITAL LETTER TURNED H • used in the Dan/Gio orthography in Liberia • lowercase is 0265 ꞥ
------	---	--

Phonetic symbol

A78E	ɭ	LATIN SMALL LETTER L WITH RETROFLEX HOOK AND BELT • voiceless lateral retroflex fricative • used to transcribe Toda
------	---	---

Transliteration letter

A78F	•	LATIN LETTER SINOLOGICAL DOT • used in transliteration of Phags-Pa and in phonetic transcription of Tangut → 00B7 • middle dot
------	---	--

Additional letters

A790	Ꞥ	LATIN CAPITAL LETTER N WITH DESCENDER
------	---	---------------------------------------

A791	Ꞥ	LATIN SMALL LETTER N WITH DESCENDER • Janalif
------	---	--

A792	Ɔ	LATIN CAPITAL LETTER C WITH BAR = Cambrian symbol
------	---	--

A793	Ɔ	LATIN SMALL LETTER C WITH BAR • Nanai
------	---	--

Additions for Lithuanian dialectology

A794	Ꞥ	LATIN SMALL LETTER C WITH PALATAL HOOK • uppercase is A7C4 Ɔ
A795	Ꞥ	LATIN SMALL LETTER H WITH PALATAL HOOK → A727 Ꞥ latin small letter heng

Letters for Middle Vietnamese

A796	Ꞥ	LATIN CAPITAL LETTER B WITH FLOURISH
A797	Ꞥ	LATIN SMALL LETTER B WITH FLOURISH

Archaic letters for Ewe

A798	Ꞥ	LATIN CAPITAL LETTER F WITH STROKE → 0191 Ꞥ latin capital letter f with hook
A799	Ꞥ	LATIN SMALL LETTER F WITH STROKE • old Ewe orthography • also used in German dialectology

Archaic letters for Volapük

A79A	Ꞥ	LATIN CAPITAL LETTER VOLAPUK AE
A79B	Ꞥ	LATIN SMALL LETTER VOLAPUK AE
A79C	Ꞥ	LATIN CAPITAL LETTER VOLAPUK OE
A79D	Ꞥ	LATIN SMALL LETTER VOLAPUK OE
A79E	Ꞥ	LATIN CAPITAL LETTER VOLAPUK UE
A79F	Ꞥ	LATIN SMALL LETTER VOLAPUK UE

Letters for pre-1921 Latvian orthography

A7A0	Ꞥ	LATIN CAPITAL LETTER G WITH OBLIQUE STROKE
A7A1	Ꞥ	LATIN SMALL LETTER G WITH OBLIQUE STROKE
A7A2	Ꞥ	LATIN CAPITAL LETTER K WITH OBLIQUE STROKE
A7A3	Ꞥ	LATIN SMALL LETTER K WITH OBLIQUE STROKE
A7A4	Ꞥ	LATIN CAPITAL LETTER N WITH OBLIQUE STROKE
A7A5	Ꞥ	LATIN SMALL LETTER N WITH OBLIQUE STROKE
A7A6	Ꞥ	LATIN CAPITAL LETTER R WITH OBLIQUE STROKE
A7A7	Ꞥ	LATIN SMALL LETTER R WITH OBLIQUE STROKE
A7A8	Ꞥ	LATIN CAPITAL LETTER S WITH OBLIQUE STROKE
A7A9	Ꞥ	LATIN SMALL LETTER S WITH OBLIQUE STROKE • also used in pre-1950 Lower Sorbian orthography → 1E9C Ꞥ latin small letter long s with diagonal stroke

Additional letters

A7AA	Ꞥ	LATIN CAPITAL LETTER H WITH HOOK • lowercase is 0266 ꞥ • used in Chad
A7AB	Ꞥ	LATIN CAPITAL LETTER REVERSED OPEN E • lowercase is 025C ɜ
A7AC	Ꞥ	LATIN CAPITAL LETTER SCRIPT G • lowercase is 0261 g
A7AD	Ꞥ	LATIN CAPITAL LETTER L WITH BELT • lowercase is 026C ꞥ