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AMENDMENT 2
2019-06

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

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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

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

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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

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 10FE0-10FF6 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 WANCHO	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
Nyiakeng 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:

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
WANCHO	1E2C0-1E2FF
OTTOMAN SYAQ NUMBERS	1ED00-1ED4F

Annex A.6 Unicode collections

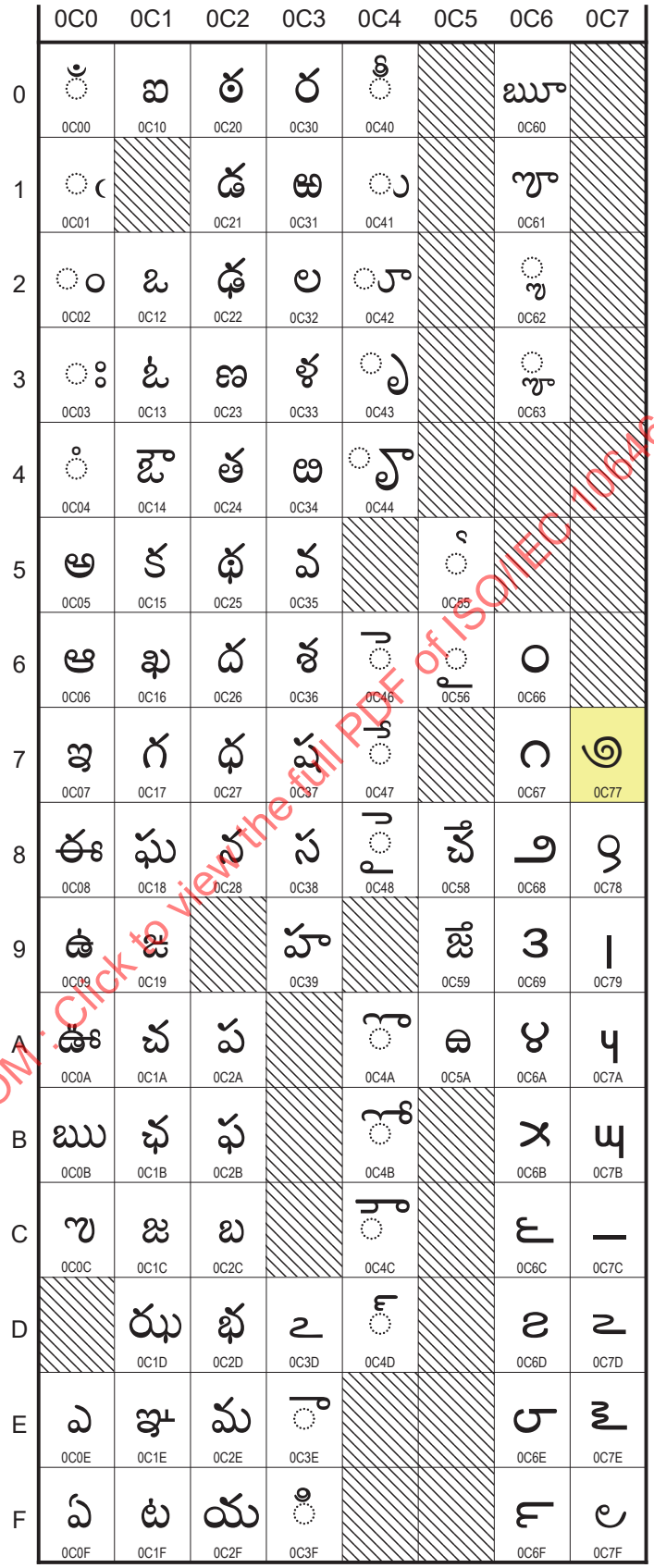
Insert the new entry as follows:

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



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 ఌ TELUGU LETTER VOCALIC L
0C0D <reserved>
0C0E ఎ TELUGU LETTER E
0C0F ఏ TELUGU LETTER EE
0C10 ఐ TELUGU LETTER AI
0C11 <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 ఠ 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 <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 ఱ TELUGU LETTER RRA
0C32 ల TELUGU LETTER LA
0C33 ళ TELUGU LETTER LLA
0C34 ఴ 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 ఽ TELUGU SIGN AVAGRAHA

Dependent vowel signs

0C3E ా 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 ృ TELUGU VOWEL SIGN VOCALIC R
0C44 ౄ TELUGU VOWEL SIGN VOCALIC RR
0C45 <reserved>
0C46 ె TELUGU VOWEL SIGN E
0C47 ే TELUGU VOWEL SIGN EE
0C48 ై TELUGU VOWEL SIGN AI
≡ 0C46 ె 0C56 ౖ
0C49 <reserved>
0C4A ొ TELUGU VOWEL SIGN O
0C4B ో TELUGU VOWEL SIGN OO
0C4C ౌ TELUGU VOWEL SIGN AU

Virama

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

Various signs

0C55 ౕ TELUGU LENGTH MARK
0C56 ౖ TELUGU AI LENGTH MARK

Historic phonetic variants

0C58 ౘ TELUGU LETTER TSA
0C59 ౙ 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 ౠ TELUGU LETTER VOCALIC RR
0C61 ౡ TELUGU LETTER VOCALIC LL

Dependent vowels

0C62 ౢ 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 । devanagari danda
0C65 <reserved>
→ 0965 ॥ 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 ౬ TELUGU DIGIT SIX
0C6D ౭ TELUGU DIGIT SEVEN
0C6E ౮ TELUGU DIGIT EIGHT
0C6F ౯ TELUGU DIGIT NINE

Sign

0C77 ౷ TELUGU SIGN SIDDHAM
= siddhirastu
• used at the beginning of texts as an invocation
→ A8FC ꣼ devanagari sign siddham
→ 111DB 𑇛 sharada sign siddham

Telugu fractions and weights

0C78 ౸ TELUGU FRACTION DIGIT ZERO FOR ODD POWERS OF FOUR
0C79 ౹ TELUGU FRACTION DIGIT ONE FOR ODD POWERS OF FOUR
0C7A ౺ TELUGU FRACTION DIGIT TWO FOR ODD POWERS OF FOUR
0C7B ౻ TELUGU FRACTION DIGIT THREE FOR ODD POWERS OF FOUR
0C7C ౼ TELUGU FRACTION DIGIT ONE FOR EVEN POWERS OF FOUR
0C7D ౽ TELUGU FRACTION DIGIT TWO FOR EVEN POWERS OF FOUR
0C7E ౾ TELUGU FRACTION DIGIT THREE FOR EVEN POWERS OF FOUR
0C7F ౿ TELUGU SIGN TUUMU

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 ຆ LAO LETTER PALI GHA
0E87 ງ LAO LETTER NGO
= ngo ngu, ngo ngua
0E88 ຈ LAO LETTER CO
= co cok, co cua
0E89 ຉ LAO LETTER PALI CHA
0E8A ຊ LAO LETTER SO TAM
= so sang
0E8B <reserved>
0E8C ຌ LAO LETTER PALI JHA
0E8D ຍ LAO LETTER NYO
= nyo nyung
0E8E ຎ LAO LETTER PALI NYA
0E8F ຏ LAO LETTER PALI TTA
0E90 ຐ LAO LETTER PALI TTHA
0E91 ຑ LAO LETTER PALI DDA
0E92 ຒ LAO LETTER PALI DDHA
0E93 ณ 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 ຘ 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 ພ LAO LETTER PHO TAM
= pho phu
0E9F ຟ LAO LETTER FO SUNG
※ LAO LETTER FO FAY
• name is a mistake for fo tam
0EA0 ຠ LAO LETTER PALI BHA
0EA1 ມ LAO LETTER MO
= mo mew, mo ma
0EA2 ຢ LAO LETTER YO
= yo ya
0EA3 ຣ 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 ຣ
0EA6 <reserved>
0EA7 ວ LAO LETTER WO
= wo wi
0EA8 ศ LAO LETTER SANSKRIT SHA
0EA9 ษ LAO LETTER SANSKRIT SSA
0EAA ส LAO LETTER SO SUNG
= so sya
0EAB ห LAO LETTER HO SUNG
= ho hay, ho han
0EAC ฬ LAO LETTER PALI LLA
0EAD อ LAO LETTER O
= o o
0EAE ฮ LAO LETTER HO TAM
= ho hya, ho hyan

Sign

0EAF ฯ LAO ELLIPSIS

Vowels

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

Virama

0EBA ◌ LAO SIGN PALI VIRAMA

Vowel

0EBB ◌ LAO VOWEL SIGN MAI KON
= mai kong

Signs

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

Vowels

These vowels precede a consonant in visual order.

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

Repetition mark

0EC6 ◌ LAO KO LA
• repetition

Tone marks

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

0ECB ◌̋ LAO TONE MAI CATAWA

Signs

0ECC ◌̍ LAO CANCELLATION MARK
0ECD ◌̊ LAO NIGGAHITA
• final nasal or long o vowel

Digits

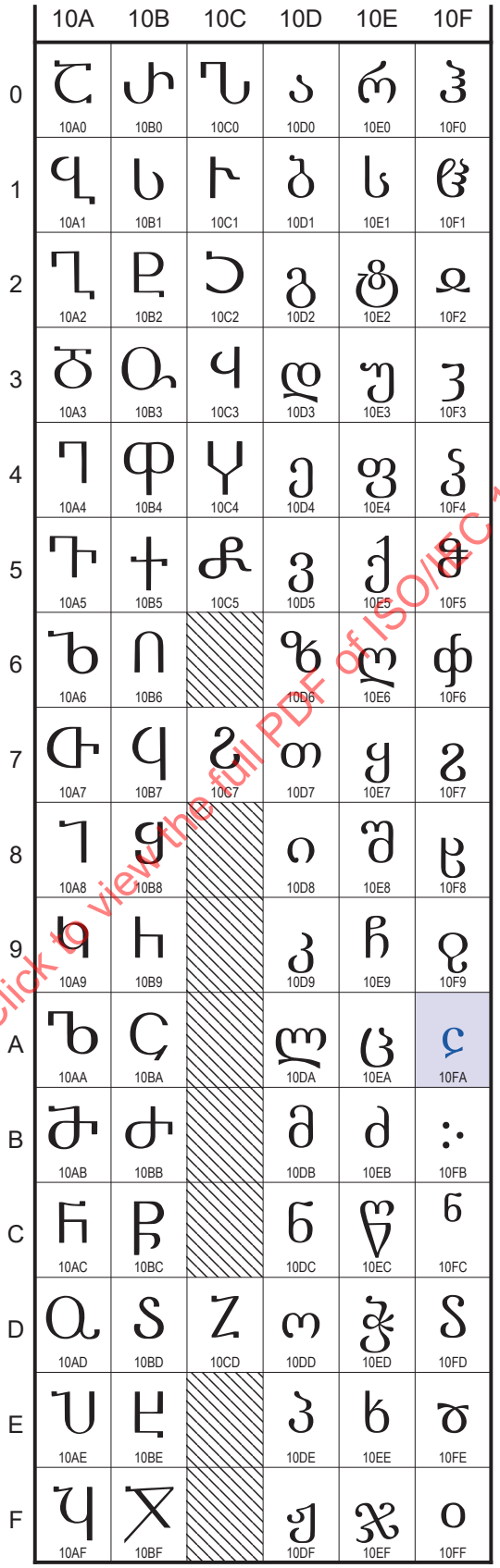
0ED0 ๐ LAO DIGIT ZERO
0ED1 ๑ LAO DIGIT ONE
0ED2 ๒ LAO DIGIT TWO
0ED3 ๓ LAO DIGIT THREE
0ED4 ๔ LAO DIGIT FOUR
0ED5 ๕ LAO DIGIT FIVE
0ED6 ๖ LAO DIGIT SIX
0ED7 ๗ LAO DIGIT SEVEN
0ED8 ๘ LAO DIGIT EIGHT
0ED9 ๙ LAO DIGIT NINE

Digraphs

0EDC ໜ LAO HO NO
≈ 0EAB ห 0E99 น
0EDD ໝ LAO HO MO
≈ 0EAB ห 0EA1 ม

Consonants for Khmu

0EDE ໞ LAO LETTER KHMU GO
0EDF ໟ LAO LETTER KHMU NYO



	10A	10B	10C	10D	10E	10F
0	Ⴚ 10A0	Ⴜ 10B0	Ⴠ 10C0	ა 10D0	რ 10E0	ჰ 10F0
1	Ⴡ 10A1	Ⴝ 10B1	Ⴡ 10C1	ბ 10D1	ს 10E1	ჱ 10F1
2	Ⴢ 10A2	Ⴞ 10B2	Ⴢ 10C2	გ 10D2	ტ 10E2	ჲ 10F2
3	Ⴣ 10A3	Ⴟ 10B3	Ⴣ 10C3	დ 10D3	უ 10E3	ჳ 10F3
4	Ⴤ 10A4	Ⴠ 10B4	Ⴤ 10C4	ე 10D4	ფ 10E4	ჴ 10F4
5	Ⴥ 10A5	Ⴡ 10B5	Ⴥ 10C5	ვ 10D5	ქ 10E5	ჵ 10F5
6	Ⴆ 10A6	Ⴢ 10B6		ზ 10D6	ღ 10E6	ჶ 10F6
7	Ⴧ 10A7	Ⴣ 10B7	Ⴧ 10C7	თ 10D7	ყ 10E7	ჷ 10F7
8	Ⴇ 10A8	Ⴤ 10B8		ი 10D8	შ 10E8	ჸ 10F8
9	Ⴉ 10A9	Ⴥ 10B9		კ 10D9	ჩ 10E9	ჹ 10F9
A	Ⴆ 10AA	Ⴧ 10BA		ლ 10DA	ც 10EA	ჺ 10FA
B	Ⴋ 10AB	Ⴇ 10BB		მ 10DB	ძ 10EB	჻ 10FB
C	Ⴌ 10AC	Ⴉ 10BC		ნ 10DC	წ 10EC	ჼ 10FC
D	Ⴍ 10AD	Ⴊ 10BD	Ⴍ 10CD	ო 10DD	ჭ 10ED	Ⴊ 10FD
E	Ⴎ 10AE	Ⴋ 10BE		პ 10DE	ხ 10EE	ჾ 10FE
F	Ⴏ 10AF	Ⴌ 10BF		ჟ 10DF	ჯ 10EF	ჿ 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 Ⴠ GEORGIAN CAPITAL LETTER HAE
10C1 Ⴡ GEORGIAN CAPITAL LETTER HE
10C2 Ⴢ GEORGIAN CAPITAL LETTER HIE
10C3 Ⴣ GEORGIAN CAPITAL LETTER WE
10C4 Ⴤ GEORGIAN CAPITAL LETTER HAR
10C5 Ⴥ GEORGIAN CAPITAL LETTER HOE

Additional letter

10C7 Ⴧ GEORGIAN CAPITAL LETTER YN

Additional letter for Ossetian

10CD Ⴭ 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 ა GEORGIAN LETTER AN
→ 1C90 Ა georgian mtavruli capital letter an
10D1 ბ GEORGIAN LETTER BAN
10D2 გ GEORGIAN LETTER GAN
10D3 დ GEORGIAN LETTER DON
10D4 ე GEORGIAN LETTER EN
10D5 ვ GEORGIAN LETTER VIN
10D6 ზ GEORGIAN LETTER ZEN
10D7 თ GEORGIAN LETTER TAN
10D8 ი GEORGIAN LETTER IN
10D9 კ GEORGIAN LETTER KAN
10DA ლ GEORGIAN LETTER LAS
10DB მ GEORGIAN LETTER MAN
10DC ნ GEORGIAN LETTER NAR
10DD ო GEORGIAN LETTER ON
10DE პ GEORGIAN LETTER PAR
10DF ჟ GEORGIAN LETTER ZHAR
10E0 რ GEORGIAN LETTER RAE
10E1 ს GEORGIAN LETTER SAN
10E2 ტ GEORGIAN LETTER TAR
10E3 უ GEORGIAN LETTER UN
10E4 ფ GEORGIAN LETTER PHAR
10E5 ქ GEORGIAN LETTER KHAR
10E6 ღ GEORGIAN LETTER GHAN
10E7 ყ GEORGIAN LETTER QAR
10E8 შ GEORGIAN LETTER SHIN
10E9 ჩ GEORGIAN LETTER CHIN
10EA ც GEORGIAN LETTER CAN
10EB ძ GEORGIAN LETTER JIL
10EC წ GEORGIAN LETTER CIL
10ED ჭ GEORGIAN LETTER CHAR
10EE ხ GEORGIAN LETTER XAN
10EF ჯ GEORGIAN LETTER JHAN
10F0 ჰ GEORGIAN LETTER HAE

Archaic letters

10F1 ჱ GEORGIAN LETTER HE
10F2 ჲ GEORGIAN LETTER HIE
10F3 ჳ GEORGIAN LETTER WE
10F4 ჴ GEORGIAN LETTER HAR
10F5 ჵ GEORGIAN LETTER HOE
10F6 ჶ GEORGIAN LETTER FI

Additional letters for Mingrelian and Svan

10F7 ჷ GEORGIAN LETTER YN
10F8 ჸ GEORGIAN LETTER ELIFI

Additional letters

10F9 ჹ GEORGIAN LETTER TURNED GAN
10FA ჺ GEORGIAN LETTER AIN

Punctuation

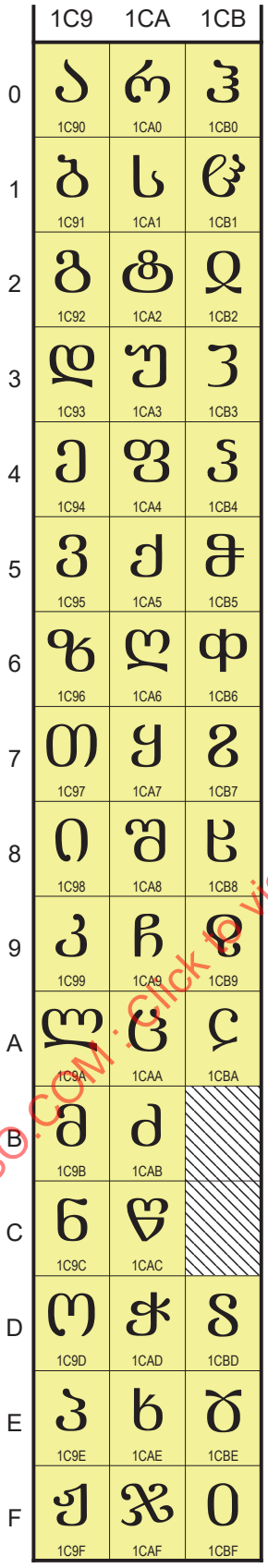
10FB ჻ GEORGIAN PARAGRAPH SEPARATOR
→ 2056 ⁖ three dot punctuation

Modifier letter

10FC ჼ MODIFIER LETTER GEORGIAN NAR
≈ <super> 10DC ნ

Additional letters for Ossetian and Abkhaz

10FD ჽ GEORGIAN LETTER AEN
10FE ჾ GEORGIAN LETTER HARD SIGN
10FF ჿ GEORGIAN LETTER LABIAL SIGN



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	Ა	GEORGIAN MTAVRULI CAPITAL LETTER AN → 10D0 ა georgian letter an
1C91	Ბ	GEORGIAN MTAVRULI CAPITAL LETTER BAN
1C92	Გ	GEORGIAN MTAVRULI CAPITAL LETTER GAN
1C93	Დ	GEORGIAN MTAVRULI CAPITAL LETTER DON
1C94	Ე	GEORGIAN MTAVRULI CAPITAL LETTER EN
1C95	Ვ	GEORGIAN MTAVRULI CAPITAL LETTER VIN
1C96	Ზ	GEORGIAN MTAVRULI CAPITAL LETTER ZEN
1C97	Თ	GEORGIAN MTAVRULI CAPITAL LETTER TAN
1C98	Ი	GEORGIAN MTAVRULI CAPITAL LETTER IN
1C99	Კ	GEORGIAN MTAVRULI CAPITAL LETTER KAN
1C9A	Ლ	GEORGIAN MTAVRULI CAPITAL LETTER LAS
1C9B	Მ	GEORGIAN MTAVRULI CAPITAL LETTER MAN
1C9C	Ნ	GEORGIAN MTAVRULI CAPITAL LETTER NAR
1C9D	Ო	GEORGIAN MTAVRULI CAPITAL LETTER ON
1C9E	Პ	GEORGIAN MTAVRULI CAPITAL LETTER PAR
1C9F	Ჟ	GEORGIAN MTAVRULI CAPITAL LETTER ZHAR
1CA0	Რ	GEORGIAN MTAVRULI CAPITAL LETTER RAE
1CA1	Ს	GEORGIAN MTAVRULI CAPITAL LETTER SAN
1CA2	Ტ	GEORGIAN MTAVRULI CAPITAL LETTER TAR
1CA3	Უ	GEORGIAN MTAVRULI CAPITAL LETTER UN
1CA4	Ფ	GEORGIAN MTAVRULI CAPITAL LETTER PHAR
1CA5	Ქ	GEORGIAN MTAVRULI CAPITAL LETTER KHAR
1CA6	Ღ	GEORGIAN MTAVRULI CAPITAL LETTER GHAN
1CA7	Ყ	GEORGIAN MTAVRULI CAPITAL LETTER QAR
1CA8	Შ	GEORGIAN MTAVRULI CAPITAL LETTER SHIN
1CA9	Ჩ	GEORGIAN MTAVRULI CAPITAL LETTER CHIN
1CAA	Ც	GEORGIAN MTAVRULI CAPITAL LETTER CAN
1CAB	Ძ	GEORGIAN MTAVRULI CAPITAL LETTER JIL
1CAC	Წ	GEORGIAN MTAVRULI CAPITAL LETTER CIL
1CAD	Ჭ	GEORGIAN MTAVRULI CAPITAL LETTER CHAR
1CAE	Ხ	GEORGIAN MTAVRULI CAPITAL LETTER XAN
1CAF	Ჯ	GEORGIAN MTAVRULI CAPITAL LETTER JHAN
1CB0	Ჰ	GEORGIAN MTAVRULI CAPITAL LETTER HAE

Archaic letters

1CB1	Ჱ	GEORGIAN MTAVRULI CAPITAL LETTER HE
1CB2	Ჲ	GEORGIAN MTAVRULI CAPITAL LETTER HIE
1CB3	Ჳ	GEORGIAN MTAVRULI CAPITAL LETTER WE
1CB4	Ჴ	GEORGIAN MTAVRULI CAPITAL LETTER HAR
1CB5	Ჵ	GEORGIAN MTAVRULI CAPITAL LETTER HOE
1CB6	Ჶ	GEORGIAN MTAVRULI CAPITAL LETTER FI

Additional letters for Mingrelian and Svan

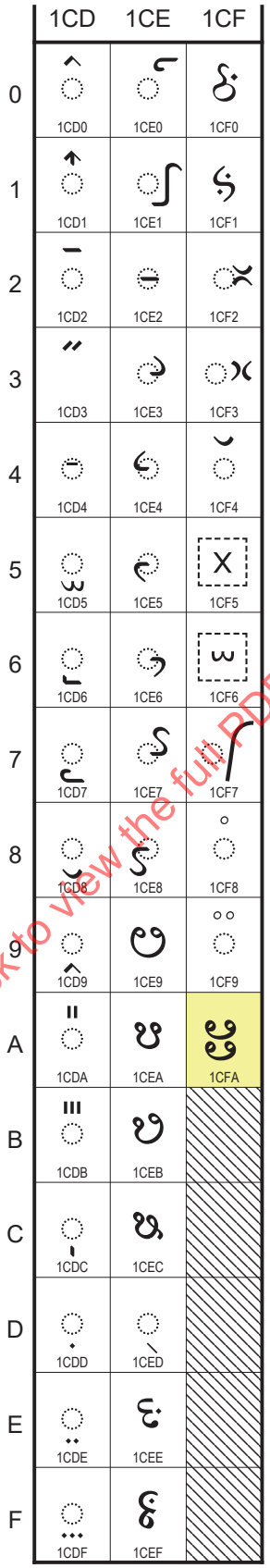
1CB7	Ჷ	GEORGIAN MTAVRULI CAPITAL LETTER YN
1CB8	Ჸ	GEORGIAN MTAVRULI CAPITAL LETTER ELIFI

Additional letters

1CB9	Ჹ	GEORGIAN MTAVRULI CAPITAL LETTER TURNED GAN
1CBA	Ჺ	GEORGIAN MTAVRULI CAPITAL LETTER AIN

Additional letters for Ossetian and Abkhaz

1CBD	Ჽ	GEORGIAN MTAVRULI CAPITAL LETTER AEN
1CBE	Ჾ	GEORGIAN MTAVRULI CAPITAL LETTER HARD SIGN
1CBF	Ჿ	GEORGIAN MTAVRULI CAPITAL LETTER LABIAL SIGN



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 khannda

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 ◌ᳩ VEDIC SIGN ANUSVARA ANTARGOMUKHA
= vaidika anusvaara antarmukha

1CEA ◌ᳪ VEDIC SIGN ANUSVARA BAHIRGOMUKHA
= vaidika anusvaara naagaphanna

1CEB ◌ᳫ VEDIC SIGN ANUSVARA VAMAGOMUKHA
= vaidika anusvaara vaamagomukha

1CEC ◌ᳬ VEDIC SIGN ANUSVARA VAMAGOMUKHA WITH TAIL
= vaidika anusvaara vaamagomukha sa-vakra

1CED ◌᳭ VEDIC SIGN TIRYAK
= vaidika tiryak

1CEE ◌ᳮ VEDIC SIGN HEXIFORM LONG ANUSVARA
= vaidika anusvaara anugaamii

1CEF ◌ᳯ VEDIC SIGN LONG ANUSVARA
= vaidika anusvaara dakshinnamukha

1CF0 ◌ᳰ VEDIC SIGN RTHANG LONG ANUSVARA
= vaidika anusvaara ttha-sadrisha

1CF1 ◌ᳱ VEDIC SIGN ANUSVARA UBHAYATO MUKHA
= vaidika anusvaara ubhayato mukha

Ardhavisarga

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

1CF2 ◌ᳲ VEDIC SIGN ARDHAVISARGA
= vaidika jihvaamuuliiya upadhmaaniiya

1CF3 ◌ᳳ VEDIC SIGN ROTATED ARDHAVISARGA

Sign for Yajurvedic

1CF4 ◌᳴ VEDIC TONE CANDRA ABOVE

Signs

1CF5 ◌ᳵ VEDIC SIGN JIHVAMULIYA
• marks a velar fricative occurring only before unvoiced velar stops
→ 0CF1 ಱ kannada sign jihvamuliya
→ 0F88 ཻ tibetan sign lce tsa can
→ 11003 𑀓 brahmi sign jihvamuliya
→ 111C2 𑇂 sharada sign jihvamuliya
→ 11A84 𑪄 soyombo sign jihvamuliya

1CF6 ◌ᳶ VEDIC SIGN UPADHMANIYA
• marks a bilabial fricative occurring only before unvoiced labial stops
→ 0CF2 ೱ kannada sign upadhmaniya
→ 0F89 ཉ tibetan sign mchu can
→ 11004 𑀔 brahmi sign upadhmaniya
→ 111C3 𑇃 sharada sign upadhmaniya
→ 11A85 𑪅 soyombo sign upadhmaniya

1CF7 ◌᳷ VEDIC SIGN ATIKRAMA
= vaidika saamagaana atikrama
• indicates skipping of a svara

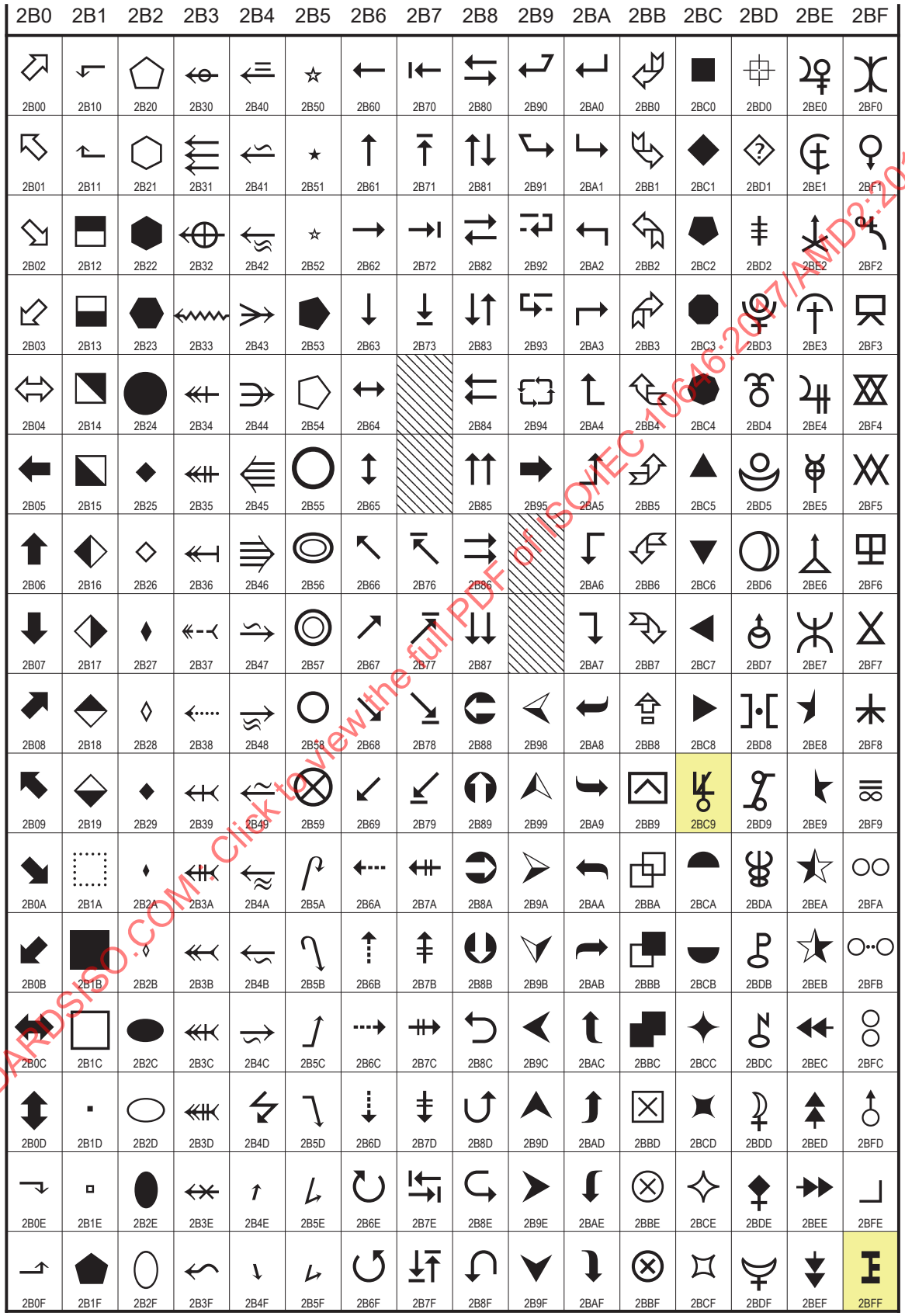
Signs for Jaiminiya Sama Veda

1CF8 ◌᳸ VEDIC TONE RING ABOVE

1CF9 ◌᳹ VEDIC TONE DOUBLE RING ABOVE

Nasalization sign

1CFA 𜳢 VEDIC SIGN DOUBLE ANUSVARA ANTARGOMUKHA
- used as a base for a combining nasal sign



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 ⚷ TRANSPLUTO
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 N^2
2BF7 ⚏ RUSSIAN ASTROLOGICAL SYMBOL SENTAGON
• represents a 100-degree aspect
2BF8 ⚏ RUSSIAN ASTROLOGICAL SYMBOL TREDECILE
• the tredecile aspect is usually represented by the term D^3

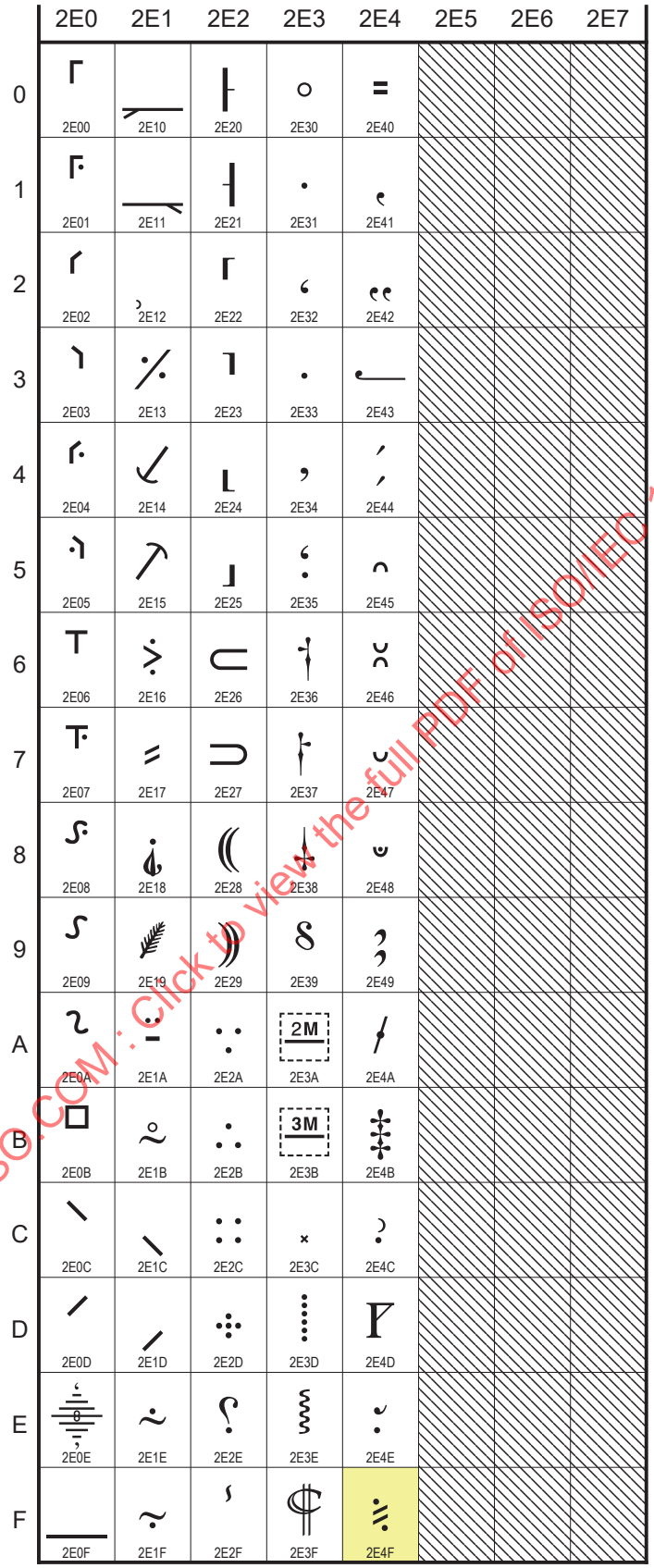
Symbols used in chess notation

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



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 ⸎ EDITORIAL CORONIS
→ 1FBD ᾽ greek koronis
2E0F ⸏ PARAGRAPHOS
2E10 ⸐ FORKED PARAGRAPHOS
2E11 ⸑ REVERSED FORKED PARAGRAPHOS
2E12 ⸒ HYPODIASTOLE
= ypodiastoli
2E13 ⸓ DOTTED OBELOS
• glyph variants may look like '÷' or '⨪'
→ 2052 ⁒ commercial minus sign
2E14 ⸔ DOWNWARDS ANCORA
• contrary to its formal name this symbol points upwards
2E15 ⸕ UPWARDS ANCORA
• contrary to its formal name this symbol points downwards
2E16 ⸖ DOTTED RIGHT-POINTING ANGLE
= diple periestigmene

Ancient Near-Eastern linguistic symbol

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

General punctuation

2E18 ⸘ INVERTED INTERROBANG
= gnaborretni
→ 203D ‽ interrobang
2E19 ⸙ 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 ⸚ HYPHEN WITH DIAERESIS
• indicates umlaut of the stem vowel of a plural form
2E1B ⸛ TILDE WITH RING ABOVE
• indicates change in case for derived form

Brackets

2E1C ⸜ LEFT LOW PARAPHRASE BRACKET
2E1D ⸝ RIGHT LOW PARAPHRASE BRACKET
• used in N'Ko

Dictionary punctuation

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

Brackets

2E20 ⸠ LEFT VERTICAL BAR WITH QUILL
→ 2045 ⁅ left square bracket with quill
2E21 ⸡ 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 ⸢ TOP LEFT HALF BRACKET
→ 2308 ⌈ left ceiling
→ 231C ⌜ top left corner
→ 300C 「 left corner bracket
2E23 ⸣ TOP RIGHT HALF BRACKET
2E24 ⸤ BOTTOM LEFT HALF BRACKET
2E25 ⸥ BOTTOM RIGHT HALF BRACKET

Brackets

2E26 ⸦ LEFT SIDEWAYS U BRACKET
→ 2282 ⊂ subset of
2E27 ⸧ RIGHT SIDEWAYS U BRACKET
→ 2283 ⊃ superset of
2E28 ⸨ LEFT DOUBLE PARENTHESIS
→ 2985 ⦅ left white parenthesis
→ FF5F （ fullwidth left white parenthesis
2E29 ⸩ RIGHT DOUBLE PARENTHESIS

Historic punctuation

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

2E2A ⸪ TWO DOTS OVER ONE DOT PUNCTUATION
2E2B ⸫ ONE DOT OVER TWO DOTS PUNCTUATION
2E2C ⸬ SQUARED FOUR DOT PUNCTUATION
2E2D ⸭ FIVE DOT MARK
2E2E ⸮ REVERSED QUESTION MARK
= punctus percontativus
→ 003F ? question mark
→ 00BF ¿ inverted question mark
→ 061F ؟ arabic question mark
2E2F ⸯ VERTICAL TILDE
• used for Cyrillic yerik
→ 033E ◌̾ combining vertical tilde
→ A67F ꙿ 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 ʻ TURNED COMMA
- indicates nasalization
→ 060C ʻ arabic comma

Historic punctuation

2E33 · RAISED DOT
- glyph position intermediate between 002E . and 00B7 ·
→ 002E . full stop
→ 00B7 · middle dot

2E34 ʾ RAISED COMMA
→ 002C , comma

Palaeotype transliteration symbols

2E35 ˑ TURNED SEMICOLON
- indicates sudden glottal closure
→ 061B ؛ 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 ˰ STENOGRAPHIC FULL STOP
- used in shorthands and stenographies
→ 002E . full stop
→ 166E ᙮ canadian syllabics full stop

2E3D ⁝ VERTICAL SIX DOTS
→ 2055 ⁞ vertical four dots
→ 2999 ⦙ dotted fence

2E3E ⸾ WIGGLY VERTICAL LINE
→ 2307 ⌇ wavy line
→ 299A ⦚ vertical zigzag line

Historic punctuation

2E3F ⸿ 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 ⸗ 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 ʻ arabic comma

2E42 ⸂ DOUBLE LOW-REVERSED-9 QUOTATION MARK
→ 201E „ double low-9 quotation mark

Miscellaneous punctuation

2E43 ⸃ DASH WITH LEFT UPTURN
- functions as 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 ʹ 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 ⸿ capitulum

2E4E ⸎ PUNCTUS ELEVATUS MARK
- indicates a major medial pause where the sense is complete but the meaning is not

2E4F ⸏ CORNISH VERSE DIVIDER

HEX	C	J	K	V
9FE0 禾 115.16	禰 UTC-01189			
9FE1 网 122.28	羅 UTC-01192			
9FE2 耳 128.8	聆 UTC-01195			
9FE3 耳 128.9	聬 UTC-01182			
9FE4 耳 128.12	聯 UTC-01180			
9FE5 艮 138.17	郎 UTC-01185			
9FE6 艸 140.18	莫 UTC-01179			
9FE7 阜 170.23	隆 UTC-01193			
9FE8 雨 173.19	靈 UTC-01188			
9FE9 魚 195.18	鱒 UTC-01194			
9FEA 火 86.13			遼 K3-2A46	
9FEB 气 84.13	氌 GCE-118	氌 T5-7C54		
9FEC 石 112.5	砐 GCE-117	砐 T4-6E5D		
9FED 钅 167'.5	钤 GCE-113 钤 UTC-01119			
9FEE 广 53.10		廔 JMJ-057449		
9FEF 米 119.10		黎 JMJ-060040		

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

Additions for UPA

A720 ˥ MODIFIER LETTER STRESS AND HIGH TONE
A721 ˧ MODIFIER LETTER STRESS AND LOW TONE

Egyptological additions

A722 Ꜣ LATIN CAPITAL LETTER EGYPTOLOGICAL ALEF
A723 ꜣ LATIN SMALL LETTER EGYPTOLOGICAL ALEF
A724 Ꜥ LATIN CAPITAL LETTER EGYPTOLOGICAL AIN
A725 ꜥ LATIN SMALL LETTER EGYPTOLOGICAL AIN
• this is a case pair
→ 1D25 ᴥ latin letter ain
→ 1D5C ᵜ modifier letter small ain
→ A7BD ꞵ latin small letter glottal i

Mayanist additions

A726 Ꝫ LATIN CAPITAL LETTER HENG
A727 ꝫ LATIN SMALL LETTER HENG
A728 Ꜩ LATIN CAPITAL LETTER TZ
A729 ꜩ LATIN SMALL LETTER TZ
A72A Ɛ LATIN CAPITAL LETTER TRESILLO
A72B ɛ LATIN SMALL LETTER TRESILLO
→ 218B ↋ turned digit three
A72C Ꜭ LATIN CAPITAL LETTER CUATRILLO
A72D ꜭ LATIN SMALL LETTER CUATRILLO
A72E Ꜭ̵ LATIN CAPITAL LETTER CUATRILLO WITH COMMA
A72F ꜭ̵ LATIN SMALL LETTER CUATRILLO WITH COMMA

Medievalist additions

A730 ꜰ LATIN LETTER SMALL CAPITAL F
A731 ꜱ LATIN LETTER SMALL CAPITAL S
A732 Ꜳ LATIN CAPITAL LETTER AA
A733 ꜳ LATIN SMALL LETTER AA
A734 Ꜵ LATIN CAPITAL LETTER AO
A735 ꜵ LATIN SMALL LETTER AO
A736 Ꜷ LATIN CAPITAL LETTER AU
A737 ꜷ LATIN SMALL LETTER AU
A738 Ꜹ LATIN CAPITAL LETTER AV
A739 ꜹ LATIN SMALL LETTER AV
A73A Ꜻ LATIN CAPITAL LETTER AV WITH HORIZONTAL BAR
A73B ꜻ LATIN SMALL LETTER AV WITH HORIZONTAL BAR
A73C Ꜽ LATIN CAPITAL LETTER AY
A73D ꜽ LATIN SMALL LETTER AY
A73E Ꝺ LATIN CAPITAL LETTER REVERSED C WITH DOT
A73F ꝺ LATIN SMALL LETTER REVERSED C WITH DOT
A740 Ꝿ LATIN CAPITAL LETTER K WITH STROKE
A741 ꝿ LATIN SMALL LETTER K WITH STROKE
A742 Ꞁ LATIN CAPITAL LETTER K WITH DIAGONAL STROKE
A743 ꞁ LATIN SMALL LETTER K WITH DIAGONAL STROKE
A744 Ꞃ LATIN CAPITAL LETTER K WITH STROKE AND DIAGONAL STROKE
A745 ꞃ LATIN SMALL LETTER K WITH STROKE AND DIAGONAL STROKE
A746 Ꞅ LATIN CAPITAL LETTER BROKEN L
A747 ꞅ LATIN SMALL LETTER BROKEN L
A748 Ꞇ LATIN CAPITAL LETTER L WITH HIGH STROKE
A749 ꞇ LATIN SMALL LETTER L WITH HIGH STROKE
A74A Ꝋ LATIN CAPITAL LETTER O WITH LONG STROKE OVERLAY
A74B ꝋ LATIN SMALL LETTER O WITH LONG STROKE OVERLAY
A74C Ꝍ LATIN CAPITAL LETTER O WITH LOOP
A74D ꝍ LATIN SMALL LETTER O WITH LOOP
A74E Ꝏ LATIN CAPITAL LETTER OO
A74F ꝏ LATIN SMALL LETTER OO
A750 Ꝑ LATIN CAPITAL LETTER P WITH STROKE THROUGH DESCENDER
A751 ꝑ LATIN SMALL LETTER P WITH STROKE THROUGH DESCENDER
A752 Ꝓ LATIN CAPITAL LETTER P WITH FLOURISH
A753 ꝓ LATIN SMALL LETTER P WITH FLOURISH
A754 Ꝕ LATIN CAPITAL LETTER P WITH SQUIRREL TAIL
A755 ꝕ LATIN SMALL LETTER P WITH SQUIRREL TAIL
A756 Ꝗ LATIN CAPITAL LETTER Q WITH STROKE THROUGH DESCENDER
A757 ꝗ LATIN SMALL LETTER Q WITH STROKE THROUGH DESCENDER
A758 Ꝙ LATIN CAPITAL LETTER Q WITH DIAGONAL STROKE
A759 ꝙ LATIN SMALL LETTER Q WITH DIAGONAL STROKE
A75A Ꝛ LATIN CAPITAL LETTER R ROTUNDA
A75B ꝛ LATIN SMALL LETTER R ROTUNDA
A75C Ꝟ LATIN CAPITAL LETTER RUM ROTUNDA
A75D ꝟ LATIN SMALL LETTER RUM ROTUNDA
A75E Ꝟ́ LATIN CAPITAL LETTER V WITH DIAGONAL STROKE
A75F ꝟ́ LATIN SMALL LETTER V WITH DIAGONAL STROKE
A760 Ꝡ LATIN CAPITAL LETTER VY
A761 ꝡ LATIN SMALL LETTER VY
A762 Ꝣ LATIN CAPITAL LETTER VISIGOTHIC Z
A763 ꝣ LATIN SMALL LETTER VISIGOTHIC Z
A764 Ꝥ LATIN CAPITAL LETTER THORN WITH STROKE
A765 ꝥ 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 Ꝧ LATIN CAPITAL LETTER THORN WITH STROKE THROUGH DESCENDER
A767 ꝧ LATIN SMALL LETTER THORN WITH STROKE THROUGH DESCENDER
A768 Ꝩ LATIN CAPITAL LETTER VEND
A769 ꝩ LATIN SMALL LETTER VEND
A76A Ꝫ LATIN CAPITAL LETTER ET
A76B ꝫ LATIN SMALL LETTER ET
A76C Ꝭ LATIN CAPITAL LETTER IS
A76D ꝭ LATIN SMALL LETTER IS
A76E Ꝯ LATIN CAPITAL LETTER CON
A76F ꝯ LATIN SMALL LETTER CON
A770 ˹ MODIFIER LETTER US
≈ <super> A76F ꝯ
A771 ꝱ LATIN SMALL LETTER DUM
A772 ꝲ LATIN SMALL LETTER LUM
A773 ꝳ LATIN SMALL LETTER MUM
A774 ꝴ LATIN SMALL LETTER NUM
A775 ꝵ LATIN SMALL LETTER RUM
A776 ꝶ LATIN LETTER SMALL CAPITAL RUM
A777 ꝷ LATIN SMALL LETTER TUM
A778 ꝸ LATIN SMALL LETTER UM

Insular and Celticist letters

A779 Ꝺ LATIN CAPITAL LETTER INSULAR D
A77A ꝺ LATIN SMALL LETTER INSULAR D
A77B Ⅎ LATIN CAPITAL LETTER INSULAR F
A77C ⅎ LATIN SMALL LETTER INSULAR F
A77D Ᵹ LATIN CAPITAL LETTER INSULAR G
• lowercase is 1D79 ᵹ
A77E Ꞡ LATIN CAPITAL LETTER TURNED INSULAR G
A77F ꞡ LATIN SMALL LETTER TURNED INSULAR G
A780 Ꞅ LATIN CAPITAL LETTER TURNED L
A781 ꞅ LATIN SMALL LETTER TURNED L
A782 Ꞧ LATIN CAPITAL LETTER INSULAR R
A783 ꞧ LATIN SMALL LETTER INSULAR R
A784 Ꞇ LATIN CAPITAL LETTER INSULAR S
A785 ꞇ LATIN SMALL LETTER INSULAR S
A786 Ꞇ LATIN CAPITAL LETTER INSULAR T
A787 ꞇ LATIN SMALL LETTER INSULAR T

Modifier letters

A788 ˬ MODIFIER LETTER LOW CIRCUMFLEX ACCENT
→ 02C6 ˆ 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 ꞌ LATIN CAPITAL LETTER SALTILLO
• Me'phaa (Mexico)
A78C ꞌ 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 ɂ latin small letter glottal stop
→ 0294 ʔ latin letter glottal stop
→ 02BC ʼ modifier letter apostrophe
→ 02C0 ˀ modifier letter glottal stop

Additional letter

A78D Ɥ LATIN CAPITAL LETTER TURNED H
• used in the Dan/Gio orthography in Liberia
• lowercase is 0265 ɥ

Phonetic symbol

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

Transliteration letter

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

Additional letters

A790 Ꞑ LATIN CAPITAL LETTER N WITH DESCENDER
A791 ꞑ LATIN SMALL LETTER N WITH DESCENDER
• Janalif
A792 Ꞓ LATIN CAPITAL LETTER C WITH BAR
= Cambrian symbol
A793 ꞓ LATIN SMALL LETTER C WITH BAR
• Nanai

Additions for Lithuanian dialectology

A794 ꞔ LATIN SMALL LETTER C WITH PALATAL HOOK
• uppercase is A7C4 Ꞔ
A795 ꞕ LATIN SMALL LETTER H WITH PALATAL HOOK
→ A727 ꜧ latin small letter heng

Letters for Middle Vietnamese

A796 Ꞗ LATIN CAPITAL LETTER B WITH FLOURISH
A797 ꞗ LATIN SMALL LETTER B WITH FLOURISH

Archaic letters for Ewe

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

Archaic letters for Volapük

A79A Ꞛ LATIN CAPITAL LETTER VOLAPUK AE
A79B ꞛ LATIN SMALL LETTER VOLAPUK AE
A79C Ꞝ LATIN CAPITAL LETTER VOLAPUK OE
A79D ꞝ LATIN SMALL LETTER VOLAPUK OE
A79E Ꞟ LATIN CAPITAL LETTER VOLAPUK UE
A79F ꞟ LATIN SMALL LETTER VOLAPUK UE

Letters for pre-1921 Latvian orthography

A7A0 Ꞡ LATIN CAPITAL LETTER G WITH OBLIQUE STROKE
A7A1 ꞡ LATIN SMALL LETTER G WITH OBLIQUE STROKE
A7A2 Ꞣ LATIN CAPITAL LETTER K WITH OBLIQUE STROKE
A7A3 ꞣ 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 Ꞧ LATIN CAPITAL LETTER R WITH OBLIQUE STROKE
A7A7 ꞧ LATIN SMALL LETTER R WITH OBLIQUE STROKE
A7A8 Ꞩ LATIN CAPITAL LETTER S WITH OBLIQUE STROKE
A7A9 ꞩ LATIN SMALL LETTER S WITH OBLIQUE STROKE
• also used in pre-1950 Lower Sorbian orthography
→ 1E9C ẜ latin small letter long s with diagonal stroke

Additional letters

A7AA Ɦ LATIN CAPITAL LETTER H WITH HOOK
• lowercase is 0266 ɦ
• used in Chad
A7AB Ɜ LATIN CAPITAL LETTER REVERSED OPEN E
• lowercase is 025C ɜ
A7AC Ɡ LATIN CAPITAL LETTER SCRIPT G
• lowercase is 0261 ɡ
A7AD Ɬ LATIN CAPITAL LETTER L WITH BELT
• lowercase is 026C ɬ

Letter for West African languages

A7AE Ɪ LATIN CAPITAL LETTER SMALL CAPITAL I
- lowercase is 026A ɪ
- also used in Unifon

Letter for Japanese phonemic transcription

A7AF ꟴ LATIN LETTER SMALL CAPITAL Q
- used to represent gemination

Letters for Americanist orthographies

A7B0 Ʞ LATIN CAPITAL LETTER TURNED K
- lowercase is 029E ʞ

A7B1 Ʇ LATIN CAPITAL LETTER TURNED T
- lowercase is 0287 ʇ
- also used in Unifon

Letter for African languages

A7B2 Ʝ LATIN CAPITAL LETTER J WITH CROSSED-TAIL
- lowercase is 029D ʝ

Letter for German dialectology

A7B3 Χ LATIN CAPITAL LETTER CHI
- lowercase is AB53 χ

→ 03A7 Χ greek capital letter chi

Letters for African languages

A7B4 Ꞵ LATIN CAPITAL LETTER BETA

A7B5 ꞵ LATIN SMALL LETTER BETA

→ 03B2 β greek small letter beta

A7B6 Ꞷ LATIN CAPITAL LETTER OMEGA

A7B7 ꞷ LATIN SMALL LETTER OMEGA

→ 03C9 ω greek small letter omega

Letters for Mazahua (Mexico)

A7B8 Ꞹ LATIN CAPITAL LETTER U WITH STROKE

A7B9 ꞹ LATIN SMALL LETTER U WITH STROKE

Letters for Ugaritic and Egyptological transliteration

These letters are always shown in italic style in actual use for transliteration.

A7BA Ꞻ LATIN CAPITAL LETTER GLOTTAL A

A7BB ꞻ LATIN SMALL LETTER GLOTTAL A

A7BC Ꞽ LATIN CAPITAL LETTER GLOTTAL I

A7BD ꞽ LATIN SMALL LETTER GLOTTAL I
= egyptological yod
→ A723 ꜣ latin small letter egyptological alef
→ A725 ꜥ latin small letter egyptological ain

A7BE Ꞿ LATIN CAPITAL LETTER GLOTTAL U

A7BF ꞿ LATIN SMALL LETTER GLOTTAL U

Additional letters

A7C2 Ⱳ LATIN CAPITAL LETTER ANGLICANA W

A7C3 ⱳ LATIN SMALL LETTER ANGLICANA W
- used in medieval English and Cornish

Letters used in early Pinyin romanization

A7C4 Ꞔ LATIN CAPITAL LETTER C WITH PALATAL HOOK
- lowercase is A794 ꞔ

A7C5 Ꞩ LATIN CAPITAL LETTER S WITH HOOK
- lowercase is 0282 ʂ

A7C6 Ꞓ LATIN CAPITAL LETTER Z WITH PALATAL HOOK
- lowercase is 1D8E ᶎ

Additional letter

A7F7 ꟷ LATIN EPIGRAPHIC LETTER SIDEWAYS I
- Celtic inscriptions

Additions for Extended IPA

A7F8 ꟸ MODIFIER LETTER CAPITAL H WITH STROKE
- faucalized

≈ <super> 0126 ħ

A7F9 ꟹ MODIFIER LETTER SMALL LIGATURE OE
- labialized: open-rounded

≈ <super> 0153 œ

Addition for UPA

A7FA ꟺ LATIN LETTER SMALL CAPITAL TURNED M

Ancient Roman epigraphic letters

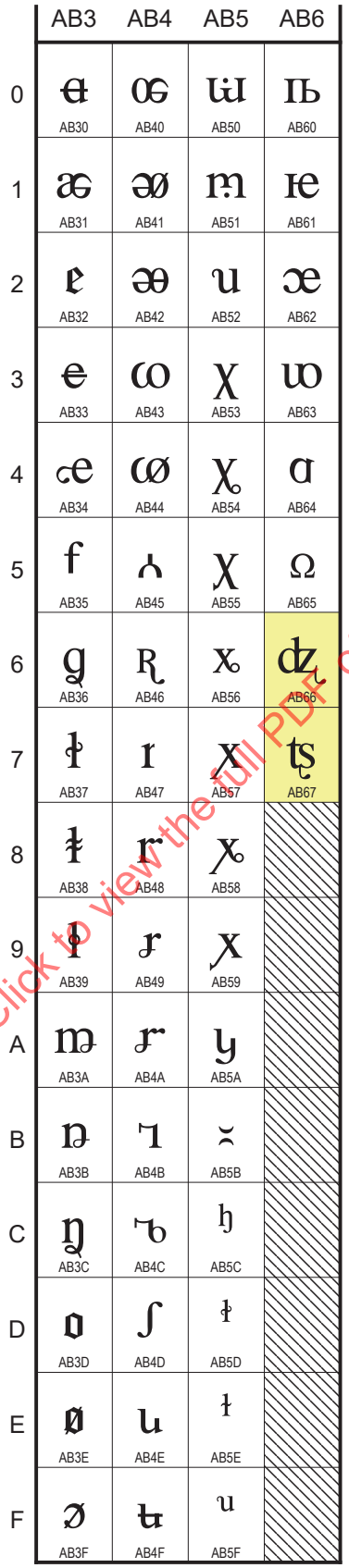
A7FB ꟼ LATIN EPIGRAPHIC LETTER REVERSED F

A7FC ꟽ LATIN EPIGRAPHIC LETTER REVERSED P

A7FD ꟾ LATIN EPIGRAPHIC LETTER INVERTED M

A7FE ꟿ LATIN EPIGRAPHIC LETTER I LONGA

A7FF ꟿ LATIN EPIGRAPHIC LETTER ARCHAIC M



	AB3	AB4	AB5	AB6
0	AB30	AB40	AB50	AB60
1	AB31	AB41	AB51	AB61
2	AB32	AB42	AB52	AB62
3	AB33	AB43	AB53	AB63
4	AB34	AB44	AB54	AB64
5	AB35	AB45	AB55	AB65
6	AB36	AB46	AB56	AB66
7	AB37	AB47	AB57	AB67
8	AB38	AB48	AB58	
9	AB39	AB49	AB59	
A	AB3A	AB4A	AB5A	
B	AB3B	AB4B	AB5B	
C	AB3C	AB4C	AB5C	
D	AB3D	AB4D	AB5D	
E	AB3E	AB4E	AB5E	
F	AB3F	AB4F	AB5F	

Letters for German dialectology

AB30 ꬰ LATIN SMALL LETTER BARRED ALPHA
AB31 ꭓ LATIN SMALL LETTER A REVERSED-SCHWA
AB32 ꬱ LATIN SMALL LETTER BLACKLETTER E
AB33 ꬲ LATIN SMALL LETTER BARRED E
AB34 ꭔ LATIN SMALL LETTER E WITH FLOURISH
AB35 ꬳ LATIN SMALL LETTER LENIS F
→ 0066 f latin small letter f
AB36 ꬴ LATIN SMALL LETTER SCRIPT G WITH CROSSED-TAIL
AB37 ꬵ LATIN SMALL LETTER L WITH INVERTED LAZY S
AB38 ꬶ LATIN SMALL LETTER L WITH DOUBLE MIDDLE TILDE
AB39 ꬷ LATIN SMALL LETTER L WITH MIDDLE RING
AB3A ꬸ LATIN SMALL LETTER M WITH CROSSED-TAIL
AB3B ꬹ LATIN SMALL LETTER N WITH CROSSED-TAIL
AB3C ꬺ LATIN SMALL LETTER ENG WITH CROSSED-TAIL
AB3D ꬻ LATIN SMALL LETTER BLACKLETTER O
AB3E ꬼ LATIN SMALL LETTER BLACKLETTER O WITH STROKE
AB3F ꬽ LATIN SMALL LETTER OPEN O WITH STROKE
AB40 ꬾ LATIN SMALL LETTER INVERTED OE
= latin small letter o reversed-schwa
AB41 ꬿ LATIN SMALL LETTER TURNED OE WITH STROKE
AB42 ꭀ LATIN SMALL LETTER TURNED OE WITH HORIZONTAL STROKE
AB43 ꭁ LATIN SMALL LETTER TURNED O OPEN-O
AB44 ꭂ LATIN SMALL LETTER TURNED O OPEN-O WITH STROKE
AB45 ꭃ LATIN SMALL LETTER STIRRUP R
AB46 ꭄ LATIN LETTER SMALL CAPITAL R WITH RIGHT LEG
AB47 ꭅ LATIN SMALL LETTER R WITHOUT HANDLE
AB48 ꭆ LATIN SMALL LETTER DOUBLE R
AB49 ꭇ LATIN SMALL LETTER R WITH CROSSED-TAIL
AB4A ꭈ LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL
AB4B ꭉ LATIN SMALL LETTER SCRIPT R
AB4C ꭊ LATIN SMALL LETTER SCRIPT R WITH RING
AB4D ꭋ LATIN SMALL LETTER BASELINE ESH
AB4E ꭌ LATIN SMALL LETTER U WITH SHORT RIGHT LEG
AB4F ꭍ LATIN SMALL LETTER U BAR WITH SHORT RIGHT LEG
AB50 ꭎ LATIN SMALL LETTER UI
AB51 ꭏ LATIN SMALL LETTER TURNED UI
AB52 ꭐ LATIN SMALL LETTER U WITH LEFT HOOK
AB53 ꭑ LATIN SMALL LETTER CHI
• uppercase is A7B3 Χ
→ 03C7 χ greek small letter chi
AB54 ꭒ LATIN SMALL LETTER CHI WITH LOW RIGHT RING
AB55 ꭓ LATIN SMALL LETTER CHI WITH LOW LEFT SERIF
AB56 ꭔ LATIN SMALL LETTER X WITH LOW RIGHT RING
AB57 ꭕ LATIN SMALL LETTER X WITH LONG LEFT LEG
AB58 ꭖ LATIN SMALL LETTER X WITH LONG LEFT LEG AND LOW RIGHT RING
AB59 ꭗ LATIN SMALL LETTER X WITH LONG LEFT LEG WITH SERIF
AB5A ꭚ LATIN SMALL LETTER Y WITH SHORT RIGHT LEG

Modifier letters for German dialectology

AB5B ꭛ MODIFIER BREVE WITH INVERTED BREVE
→ 02D8 ˘ breve
→ 2050 ⁀ close up
→ 23D1 ⏑ metrical breve
→ 2E46 ⸦ inverted low kavyka with kavyka above
AB5C ꭜ MODIFIER LETTER SMALL HENG
≈ <super> A727 ꜧ
AB5D ꭝ MODIFIER LETTER SMALL L WITH INVERTED LAZY S
≈ <super> AB37 ꬵ
AB5E ꭞ MODIFIER LETTER SMALL L WITH MIDDLE TILDE
≈ <super> 026B ɫ
AB5F ꭟ MODIFIER LETTER SMALL U WITH LEFT HOOK
≈ <super> AB52 ꭐ

Historic letters for Sakha (Yakut)

These letters were used from 1917 to 1927 in the official IPA-based Latin orthography of that era.

AB60 ꭠ LATIN SMALL LETTER SAKHA YAT
→ 0463 ѣ cyrillic small letter yat
AB61 ꭡ LATIN SMALL LETTER IOTIFIED E
→ 0465 ѥ cyrillic small letter iotified e
AB62 ꭢ LATIN SMALL LETTER OPEN OE
→ 0254 ɔ latin small letter open o
AB63 ꭣ LATIN SMALL LETTER UO

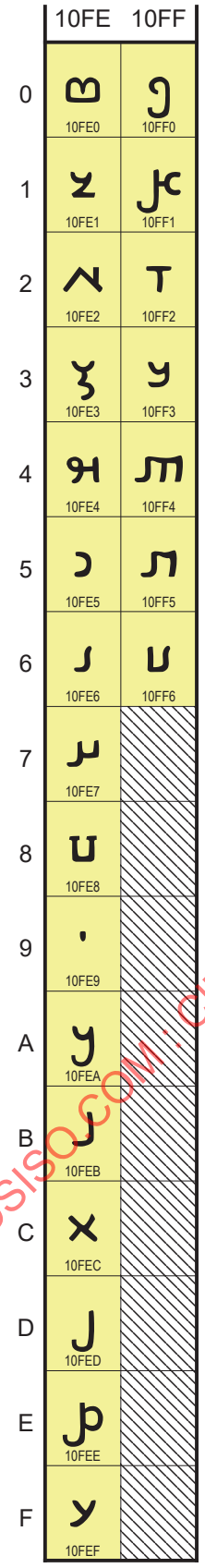
Letters for Americanist orthographies

AB64 ꭤ LATIN SMALL LETTER INVERTED ALPHA
→ 0252 ɒ latin small letter turned alpha
AB65 ꭥ GREEK LETTER SMALL CAPITAL OMEGA
• obsolete for mid back rounded vowel
→ 0277 ω latin small letter closed omega
→ 03C9 ω greek small letter omega

Letters for Sinological transcription

These letters are used in Sinological and Tibetanist systems of phonetic transcription.

AB66 ꭦ LATIN SMALL LETTER DZ DIGRAPH WITH RETROFLEX HOOK
• voiced retroflex affricate
→ 0290 ʐ latin small letter z with retroflex hook
→ 02A3 ʣ latin small letter dz digraph
AB67 ꭧ LATIN SMALL LETTER TS DIGRAPH WITH RETROFLEX HOOK
• voiceless retroflex affricate
→ 0282 ʂ latin small letter s with hook
→ 02A6 ʦ latin small letter ts digraph



Letters

10FE0	𐿠	ELYMAIC LETTER ALEPH
10FE1	𐿡	ELYMAIC LETTER BETH
10FE2	𐿢	ELYMAIC LETTER GIMEL
10FE3	𐿣	ELYMAIC LETTER DALETH
10FE4	𐿤	ELYMAIC LETTER HE
10FE5	𐿥	ELYMAIC LETTER WAW
10FE6	𐿦	ELYMAIC LETTER ZAYIN
10FE7	𐿧	ELYMAIC LETTER HETH
10FE8	𐿨	ELYMAIC LETTER TETH
10FE9	𐿩	ELYMAIC LETTER YODH
10FEA	𐿪	ELYMAIC LETTER KAPH
10FEB	𐿫	ELYMAIC LETTER LAMEDH
10FEC	𐿬	ELYMAIC LETTER MEM
10FED	𐿭	ELYMAIC LETTER NUN
10FEE	𐿮	ELYMAIC LETTER SAMEKH
10FEF	𐿯	ELYMAIC LETTER AYIN
10FF0	𐿰	ELYMAIC LETTER PE
10FF1	𐿱	ELYMAIC LETTER SADHE
10FF2	𐿲	ELYMAIC LETTER QOPH
10FF3	𐿳	ELYMAIC LETTER RESH
10FF4	𐿴	ELYMAIC LETTER SHIN
10FF5	𐿵	ELYMAIC LETTER TAW

Ligature

10FF6	𐿶	ELYMAIC LIGATURE ZAYIN-YODH

- used for the Aramaic heterogram zy

Various signs

11000 𑀀 BRAHMI SIGN CANDRABINDU
11001 𑀁 BRAHMI SIGN ANUSVARA
11002 𑀂 BRAHMI SIGN VISARGA
11003 𑀃 BRAHMI SIGN JIHVAMULIYA
11004 𑀄 BRAHMI SIGN UPADHMANIYA

Independent vowels

11005 𑀅 BRAHMI LETTER A
11006 𑀆 BRAHMI LETTER AA
11007 𑀇 BRAHMI LETTER I
11008 𑀈 BRAHMI LETTER II
11009 𑀉 BRAHMI LETTER U
1100A 𑀊 BRAHMI LETTER UU
1100B 𑀋 BRAHMI LETTER VOCALIC R
1100C 𑀌 BRAHMI LETTER VOCALIC RR
1100D 𑀍 BRAHMI LETTER VOCALIC L
1100E 𑀎 BRAHMI LETTER VOCALIC LL
1100F 𑀏 BRAHMI LETTER E
11010 𑀐 BRAHMI LETTER AI
11011 𑀑 BRAHMI LETTER O
11012 𑀒 BRAHMI LETTER AU

Consonants

11013 𑀓 BRAHMI LETTER KA
11014 𑀔 BRAHMI LETTER KHA
11015 𑀕 BRAHMI LETTER GA
11016 𑀖 BRAHMI LETTER GHA
11017 𑀗 BRAHMI LETTER NGA
11018 𑀘 BRAHMI LETTER CA
11019 𑀙 BRAHMI LETTER CHA
1101A 𑀚 BRAHMI LETTER JA
1101B 𑀛 BRAHMI LETTER JHA
1101C 𑀜 BRAHMI LETTER NYA
1101D 𑀝 BRAHMI LETTER TTA
1101E 𑀞 BRAHMI LETTER TTHA
1101F 𑀟 BRAHMI LETTER DDA
11020 𑀠 BRAHMI LETTER DDHA
11021 𑀡 BRAHMI LETTER NNA
11022 𑀢 BRAHMI LETTER TA
11023 𑀣 BRAHMI LETTER THA
11024 𑀤 BRAHMI LETTER DA
11025 𑀥 BRAHMI LETTER DHA
11026 𑀦 BRAHMI LETTER NA
11027 𑀧 BRAHMI LETTER PA
11028 𑀨 BRAHMI LETTER PHA
11029 𑀩 BRAHMI LETTER BA
1102A 𑀪 BRAHMI LETTER BHA
1102B 𑀫 BRAHMI LETTER MA
1102C 𑀬 BRAHMI LETTER YA
1102D 𑀭 BRAHMI LETTER RA
1102E 𑀮 BRAHMI LETTER LA
1102F 𑀯 BRAHMI LETTER VA
11030 𑀰 BRAHMI LETTER SHA
11031 𑀱 BRAHMI LETTER SSA
11032 𑀲 BRAHMI LETTER SA
11033 𑀳 BRAHMI LETTER HA
11034 𑀴 BRAHMI LETTER LLA
11035 𑀵 BRAHMI LETTER OLD TAMIL LLLA
11036 𑀶 BRAHMI LETTER OLD TAMIL RRA
11037 𑀷 BRAHMI LETTER OLD TAMIL NNNA

Dependent vowel signs

11038 𑀸 BRAHMI VOWEL SIGN AA
11039 𑀹 BRAHMI VOWEL SIGN BHATTIPROLU AA
1103A 𑀺 BRAHMI VOWEL SIGN I
1103B 𑀻 BRAHMI VOWEL SIGN II
1103C 𑀼 BRAHMI VOWEL SIGN U
1103D 𑀽 BRAHMI VOWEL SIGN UU
1103E 𑀾 BRAHMI VOWEL SIGN VOCALIC R
1103F 𑀿 BRAHMI VOWEL SIGN VOCALIC RR
11040 𑁀 BRAHMI VOWEL SIGN VOCALIC L
11041 𑁁 BRAHMI VOWEL SIGN VOCALIC LL
11042 𑁂 BRAHMI VOWEL SIGN E
11043 𑁃 BRAHMI VOWEL SIGN AI
11044 𑁄 BRAHMI VOWEL SIGN O
11045 𑁅 BRAHMI VOWEL SIGN AU

Virama

11046 𑁆 BRAHMI VIRAMA

Punctuation

11047 𑁇 BRAHMI DANDA
11048 𑁈 BRAHMI DOUBLE DANDA
11049 𑁉 BRAHMI PUNCTUATION DOT
1104A 𑁊 BRAHMI PUNCTUATION DOUBLE DOT
1104B 𑁋 BRAHMI PUNCTUATION LINE
1104C 𑁌 BRAHMI PUNCTUATION CRESCENT BAR
1104D 𑁍 BRAHMI PUNCTUATION LOTUS

Numbers

11052 𑁒 BRAHMI NUMBER ONE
11053 𑁓 BRAHMI NUMBER TWO
11054 𑁔 BRAHMI NUMBER THREE
11055 𑁕 BRAHMI NUMBER FOUR
11056 𑁖 BRAHMI NUMBER FIVE
11057 𑁗 BRAHMI NUMBER SIX
11058 𑁘 BRAHMI NUMBER SEVEN
11059 𑁙 BRAHMI NUMBER EIGHT
1105A 𑁚 BRAHMI NUMBER NINE
1105B 𑁛 BRAHMI NUMBER TEN
1105C 𑁜 BRAHMI NUMBER TWENTY
1105D 𑁝 BRAHMI NUMBER THIRTY
1105E 𑁞 BRAHMI NUMBER FORTY
1105F 𑁟 BRAHMI NUMBER FIFTY
11060 𑁠 BRAHMI NUMBER SIXTY
11061 𑁡 BRAHMI NUMBER SEVENTY
11062 𑁢 BRAHMI NUMBER EIGHTY
11063 𑁣 BRAHMI NUMBER NINETY
11064 𑁤 BRAHMI NUMBER ONE HUNDRED
11065 𑁥 BRAHMI NUMBER ONE THOUSAND

Digits

11066 𑁦 BRAHMI DIGIT ZERO
11067 𑁧 BRAHMI DIGIT ONE
11068 𑁨 BRAHMI DIGIT TWO
11069 𑁩 BRAHMI DIGIT THREE
1106A 𑁪 BRAHMI DIGIT FOUR
1106B 𑁫 BRAHMI DIGIT FIVE
1106C 𑁬 BRAHMI DIGIT SIX
1106D 𑁭 BRAHMI DIGIT SEVEN
1106E 𑁮 BRAHMI DIGIT EIGHT
1106F 𑁯 BRAHMI DIGIT NINE

Number joiner

1107F BNJ BRAHMI NUMBER JOINER
- a virama used to form ligatures between Brahmi numbers signifying multiplication

	1140	1141	1142	1143	1144	1145	1146	1147
0	11400	11410	11420	11430	11440	11450		
1	11401	11411	11421	11431	11441	11451		
2	11402	11412	11422	11432	11442	11452		
3	11403	11413	11423	11433	11443	11453		
4	11404	11414	11424	11434	11444	11454		
5	11405	11415	11425	11435	11445	11455		
6	11406	11416	11426	11436	11446	11456		
7	11407	11417	11427	11437	11447	11457		
8	11408	11418	11428	11438	11448	11458		
9	11409	11419	11429	11439	11449	11459		
A	1140A	1141A	1142A	1143A	1144A			
B	1140B	1141B	1142B	1143B	1144B	1145B		
C	1140C	1141C	1142C	1143C	1144C			
D	1140D	1141D	1142D	1143D	1144D	1145D		
E	1140E	1141E	1142E	1143E	1144E	1145E		
F	1140F	1141F	1142F	1143F	1144F	1145F		

This script is also known as Nepaalalipi, Nepalakshar, Newah Akhah, Pachumol, Prachalit, and other names.

Independent vowels

Some of the vowels are only used for Sanskrit, and are not needed for Nepal Bhasa.

11400 𑐀 NEWA LETTER A
11401 𑐁 NEWA LETTER AA
11402 𑐂 NEWA LETTER I
11403 𑐃 NEWA LETTER II
11404 𑐄 NEWA LETTER U
11405 𑐅 NEWA LETTER UU
11406 𑐆 NEWA LETTER VOCALIC R
11407 𑐇 NEWA LETTER VOCALIC RR
11408 𑐈 NEWA LETTER VOCALIC L
11409 𑐉 NEWA LETTER VOCALIC LL
1140A 𑐊 NEWA LETTER E
1140B 𑐋 NEWA LETTER AI
1140C 𑐌 NEWA LETTER O
1140D 𑐍 NEWA LETTER AU

Consonants

Six consonant letters involving ha are encoded for the representation of murmured resonants in Nepal Bhasa, a Tibeto-Burman language. Those letters are not used for the representation of Sanskrit in the Newa script.

1140E 𑐎 NEWA LETTER KA
1140F 𑐏 NEWA LETTER KHA
11410 𑐐 NEWA LETTER GA
11411 𑐑 NEWA LETTER GHA
11412 𑐒 NEWA LETTER NGA
11413 𑐓 NEWA LETTER NGHA
• murmured nasal for Nepal Bhasa language
11414 𑐔 NEWA LETTER CA
11415 𑐕 NEWA LETTER CHA
11416 𑐖 NEWA LETTER JA
11417 𑐗 NEWA LETTER JHA
11418 𑐘 NEWA LETTER NYA
11419 𑐙 NEWA LETTER NYHA
• murmured nasal for Nepal Bhasa language
1141A 𑐚 NEWA LETTER TTA
1141B 𑐛 NEWA LETTER TTHA
1141C 𑐜 NEWA LETTER DDA
1141D 𑐝 NEWA LETTER DDHA
1141E 𑐞 NEWA LETTER NNA
1141F 𑐟 NEWA LETTER TA
11420 𑐠 NEWA LETTER THA
11421 𑐡 NEWA LETTER DA
11422 𑐢 NEWA LETTER DHA
11423 𑐣 NEWA LETTER NA
11424 𑐤 NEWA LETTER NHA
• murmured nasal for Nepal Bhasa language
11425 𑐥 NEWA LETTER PA
11426 𑐦 NEWA LETTER PHA
11427 𑐧 NEWA LETTER BA
11428 𑐨 NEWA LETTER BHA
11429 𑐩 NEWA LETTER MA
1142A 𑐪 NEWA LETTER MHA
• murmured nasal for Nepal Bhasa language
1142B 𑐫 NEWA LETTER YA
1142C 𑐬 NEWA LETTER RA
1142D 𑐭 NEWA LETTER RHA
• murmured tap for Nepal Bhasa language
1142E 𑐮 NEWA LETTER LA
1142F 𑐯 NEWA LETTER LHA
• murmured lateral for Nepal Bhasa language
11430 𑐰 NEWA LETTER WA
11431 𑐱 NEWA LETTER SHA
11432 𑐲 NEWA LETTER SSA
11433 𑐳 NEWA LETTER SA
11434 𑐴 NEWA LETTER HA

Dependent vowel signs

Some of the vowel signs are only used for Sanskrit, and are not needed for Nepal Bhasa.

11435 𑐵 NEWA VOWEL SIGN AA
11436 𑐶 NEWA VOWEL SIGN I
11437 𑐷 NEWA VOWEL SIGN II
11438 𑐸 NEWA VOWEL SIGN U
11439 𑐹 NEWA VOWEL SIGN UU
1143A 𑐺 NEWA VOWEL SIGN VOCALIC R
1143B 𑐻 NEWA VOWEL SIGN VOCALIC RR
1143C 𑐼 NEWA VOWEL SIGN VOCALIC L
1143D 𑐽 NEWA VOWEL SIGN VOCALIC LL
1143E 𑐾 NEWA VOWEL SIGN E
1143F 𑐿 NEWA VOWEL SIGN AI
11440 𑑀 NEWA VOWEL SIGN O
11441 𑑁 NEWA VOWEL SIGN AU

Various signs

11442 𑑂 NEWA SIGN VIRAMA
= tutisaalaa
11443 𑑃 NEWA SIGN CANDRABINDU
= milaaphuti
11444 𑑄 NEWA SIGN ANUSVARA
= sinhaphuti
11445 𑑅 NEWA SIGN VISARGA
= liphuti
11446 𑑆 NEWA SIGN NUKTA
11447 𑑇 NEWA SIGN AVAGRAHA
= sulaa
11448 𑑈 NEWA SIGN FINAL ANUSVARA
= baadipu

Invocation signs

11449 𑑉 NEWA OM
1144A 𑑊 NEWA SIDDHI

Punctuation

1144B 𑑋 NEWA DANDA
= dipu
1144C 𑑌 NEWA DOUBLE DANDA
1144D 𑑍 NEWA COMMA
= jhaasu
1144E 𑑎 NEWA GAP FILLER
= thaayjaayekaa
1144F 𑑏 NEWA ABBREVIATION SIGN

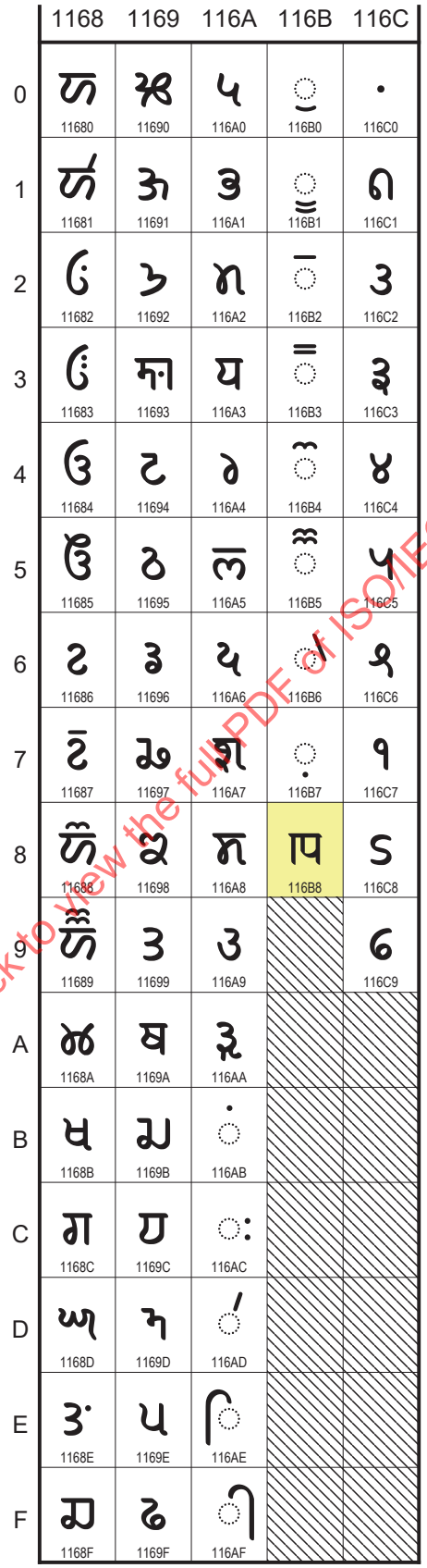
Digits

11450 𑑐 NEWA DIGIT ZERO
= guli
11451 𑑑 NEWA DIGIT ONE
= chi
11452 𑑒 NEWA DIGIT TWO
= nasi
11453 𑑓 NEWA DIGIT THREE
= swa
11454 𑑔 NEWA DIGIT FOUR
= pi

11455 𑑕 NEWA DIGIT FIVE
= njaa
11456 𑑖 NEWA DIGIT SIX
= khu
11457 𑑗 NEWA DIGIT SEVEN
= nhasa
11458 𑑘 NEWA DIGIT EIGHT
= cyaa
11459 𑑙 NEWA DIGIT NINE
= gu

Various signs

1145B 𑑚 NEWA PLACEHOLDER MARK
= jaayekaa
1145C <reserved>
1145D 𑑛 NEWA INSERTION SIGN
= tansaa
1145E 𑑜 NEWA SANDHI MARK
• indicates external sandhi in Sanskrit documents
→ 09FE ◌ৗ bengali sandhi mark
1145F 𑑝 NEWA LETTER VEDIC ANUSVARA



	1168	1169	116A	116B	116C
0	11680	11690	116A0	116B0	116C0
1	11681	11691	116A1	116B1	116C1
2	11682	11692	116A2	116B2	116C2
3	11683	11693	116A3	116B3	116C3
4	11684	11694	116A4	116B4	116C4
5	11685	11695	116A5	116B5	116C5
6	11686	11696	116A6	116B6	116C6
7	11687	11697	116A7	116B7	116C7
8	11688	11698	116A8	116B8	116C8
9	11689	11699	116A9		116C9
A	1168A	1169A	116AA		
B	1168B	1169B	116AB		
C	1168C	1169C	116AC		
D	1168D	1169D	116AD		
E	1168E	1169E	116AE		
F	1168F	1169F	116AF		

Independent vowels

11680 𑚀 TAKRI LETTER A
11681 𑚁 TAKRI LETTER AA
11682 𑚂 TAKRI LETTER I
11683 𑚃 TAKRI LETTER II
11684 𑚄 TAKRI LETTER U
11685 𑚅 TAKRI LETTER UU
11686 𑚆 TAKRI LETTER E
11687 𑚇 TAKRI LETTER AI
11688 𑚈 TAKRI LETTER O
11689 𑚉 TAKRI LETTER AU

Consonants

1168A 𑚊 TAKRI LETTER KA
1168B 𑚋 TAKRI LETTER KHA
• also used to denote ssa
1168C 𑚌 TAKRI LETTER GA
1168D 𑚍 TAKRI LETTER GHA
1168E 𑚎 TAKRI LETTER NGA
1168F 𑚏 TAKRI LETTER CA
11690 𑚐 TAKRI LETTER CHA
11691 𑚑 TAKRI LETTER JA
11692 𑚒 TAKRI LETTER JHA
11693 𑚓 TAKRI LETTER NYA
11694 𑚔 TAKRI LETTER TTA
11695 𑚕 TAKRI LETTER TTHA
11696 𑚖 TAKRI LETTER DDA
11697 𑚗 TAKRI LETTER DDHA
11698 𑚘 TAKRI LETTER NNA
11699 𑚙 TAKRI LETTER TA
1169A 𑚚 TAKRI LETTER THA
1169B 𑚛 TAKRI LETTER DA
1169C 𑚜 TAKRI LETTER DHA
1169D 𑚝 TAKRI LETTER NA
1169E 𑚞 TAKRI LETTER PA
1169F 𑚟 TAKRI LETTER PHA
116A0 𑚠 TAKRI LETTER BA
116A1 𑚡 TAKRI LETTER BHA
116A2 𑚢 TAKRI LETTER MA
116A3 𑚣 TAKRI LETTER YA
116A4 𑚤 TAKRI LETTER RA
116A5 𑚥 TAKRI LETTER LA
116A6 𑚦 TAKRI LETTER VA
116A7 𑚧 TAKRI LETTER SHA
116A8 𑚨 TAKRI LETTER SA
116A9 𑚩 TAKRI LETTER HA
116AA 𑚪 TAKRI LETTER RRA

Various signs

116AB 𑚫 TAKRI SIGN ANUSVARA
116AC 𑚬 TAKRI SIGN VISARGA

Dependent vowel signs

116AD 𑚭 TAKRI VOWEL SIGN AA
116AE 𑚮 TAKRI VOWEL SIGN I
116AF 𑚯 TAKRI VOWEL SIGN II
116B0 𑚰 TAKRI VOWEL SIGN U
116B1 𑚱 TAKRI VOWEL SIGN UU
116B2 𑚲 TAKRI VOWEL SIGN E
116B3 𑚳 TAKRI VOWEL SIGN AI
116B4 𑚴 TAKRI VOWEL SIGN O
116B5 𑚵 TAKRI VOWEL SIGN AU

Virama

116B6 𑚶 TAKRI SIGN VIRAMA

Nukta

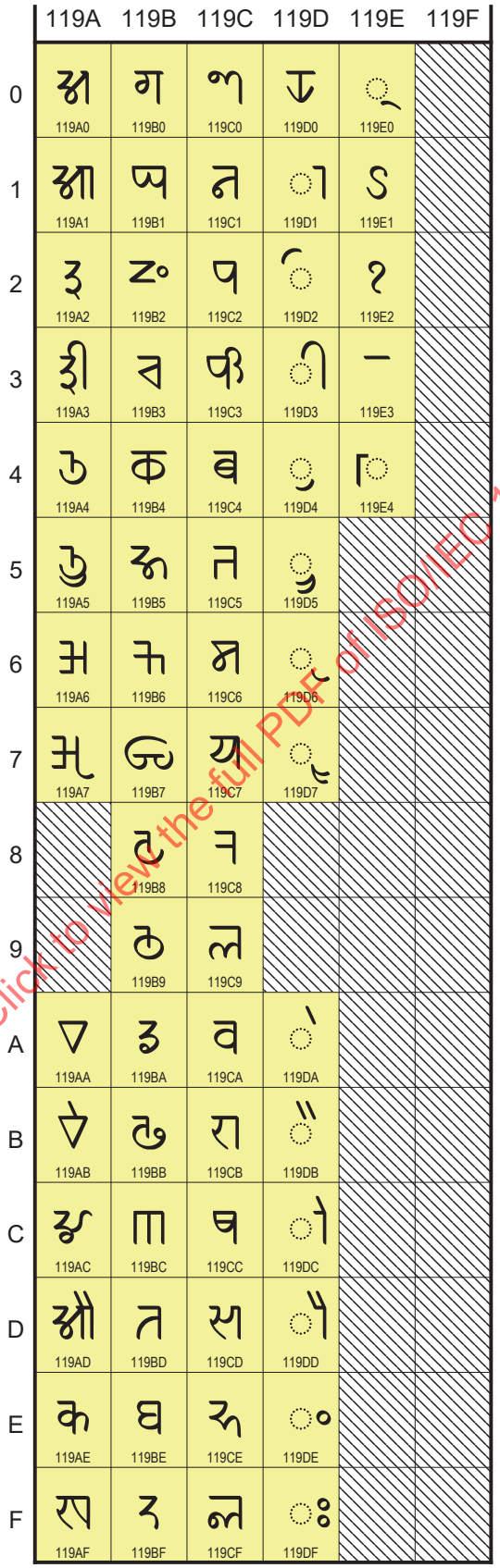
116B7 𑚷 TAKRI SIGN NUKTA

Consonant

116B8 𑚸 TAKRI LETTER ARCHAIC KHA
• used in earlier writings to denote kha

Digits

116C0 𑛀 TAKRI DIGIT ZERO
116C1 𑛁 TAKRI DIGIT ONE
116C2 𑛂 TAKRI DIGIT TWO
116C3 𑛃 TAKRI DIGIT THREE
116C4 𑛄 TAKRI DIGIT FOUR
116C5 𑛅 TAKRI DIGIT FIVE
116C6 𑛆 TAKRI DIGIT SIX
116C7 𑛇 TAKRI DIGIT SEVEN
116C8 𑛈 TAKRI DIGIT EIGHT
116C9 𑛉 TAKRI DIGIT NINE



Independent vowels

119A0	𑦠	NANDINAGARI LETTER A
119A1	𑦡	NANDINAGARI LETTER AA
119A2	𑦢	NANDINAGARI LETTER I
119A3	𑦣	NANDINAGARI LETTER II
119A4	𑦤	NANDINAGARI LETTER U
119A5	𑦥	NANDINAGARI LETTER UU
119A6	𑦦	NANDINAGARI LETTER VOCALIC R
119A7	𑦧	NANDINAGARI LETTER VOCALIC RR
119A8		<reserved>
119A9		<reserved>
119AA	𑦪	NANDINAGARI LETTER E
119AB	𑦫	NANDINAGARI LETTER AI
119AC	𑦬	NANDINAGARI LETTER O
119AD	𑦭	NANDINAGARI LETTER AU

Consonants

119AE	𑦮	NANDINAGARI LETTER KA
119AF	𑦯	NANDINAGARI LETTER KHA
119B0	𑦰	NANDINAGARI LETTER GA
119B1	𑦱	NANDINAGARI LETTER GHA
119B2	𑦲	NANDINAGARI LETTER NGA
119B3	𑦳	NANDINAGARI LETTER CA
119B4	𑦴	NANDINAGARI LETTER CHA
119B5	𑦵	NANDINAGARI LETTER JA
119B6	𑦶	NANDINAGARI LETTER JHA
119B7	𑦷	NANDINAGARI LETTER NYA
119B8	𑦸	NANDINAGARI LETTER TTA
119B9	𑦹	NANDINAGARI LETTER TTHA
119BA	𑦺	NANDINAGARI LETTER DDA
119BB	𑦻	NANDINAGARI LETTER DDHA
119BC	𑦼	NANDINAGARI LETTER NNA
119BD	𑦽	NANDINAGARI LETTER TA
119BE	𑦾	NANDINAGARI LETTER THA
119BF	𑦿	NANDINAGARI LETTER DA
119C0	𑧀	NANDINAGARI LETTER DHA
119C1	𑧁	NANDINAGARI LETTER NA
119C2	𑧂	NANDINAGARI LETTER PA
119C3	𑧃	NANDINAGARI LETTER PHA
119C4	𑧄	NANDINAGARI LETTER BA
119C5	𑧅	NANDINAGARI LETTER BHA
119C6	𑧆	NANDINAGARI LETTER MA
119C7	𑧇	NANDINAGARI LETTER YA
119C8	𑧈	NANDINAGARI LETTER RA
119C9	𑧉	NANDINAGARI LETTER LA
119CA	𑧊	NANDINAGARI LETTER VA
119CB	𑧋	NANDINAGARI LETTER SHA
119CC	𑧌	NANDINAGARI LETTER SSA
119CD	𑧍	NANDINAGARI LETTER SA
119CE	𑧎	NANDINAGARI LETTER HA
119CF	𑧏	NANDINAGARI LETTER LLA
119D0	𑧐	NANDINAGARI LETTER RRA

Dependent vowel signs

119D1	𑧑	NANDINAGARI VOWEL SIGN AA
119D2	𑧒	NANDINAGARI VOWEL SIGN I
119D3	𑧓	NANDINAGARI VOWEL SIGN II
119D4	𑧔	NANDINAGARI VOWEL SIGN U
119D5	𑧕	NANDINAGARI VOWEL SIGN UU
119D6	𑧖	NANDINAGARI VOWEL SIGN VOCALIC R
119D7	𑧗	NANDINAGARI VOWEL SIGN VOCALIC RR
119D8		<reserved>
119D9		<reserved>
119DA	𑧚	NANDINAGARI VOWEL SIGN E
119DB	𑧛	NANDINAGARI VOWEL SIGN AI
119DC	𑧜	NANDINAGARI VOWEL SIGN O
119DD	𑧝	NANDINAGARI VOWEL SIGN AU

Various signs

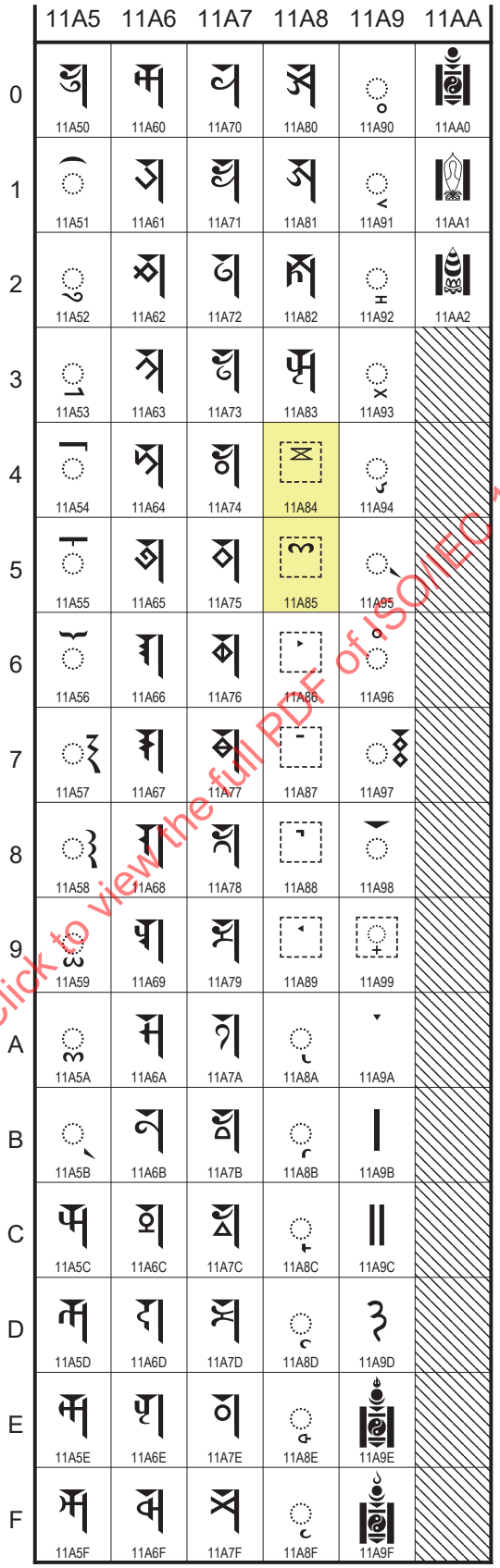
119DE	𑧞	NANDINAGARI SIGN ANUSVARA
119DF	𑧟	NANDINAGARI SIGN VISARGA
119E0	𑧠	NANDINAGARI SIGN VIRAMA
119E1	𑧡	NANDINAGARI SIGN AVAGRAHA
119E2	𑧢	NANDINAGARI SIGN SIDDHAM

Punctuation

119E3	𑧣	NANDINAGARI HEADSTROKE • used as a spacing or filler mark

Dependent vowel sign

119E4	𑧤	NANDINAGARI VOWEL SIGN PRISHTHAMATRA E



Vowel letter

11A50 𑩐 SOYOMBO LETTER A
- used for representing independent vowels in combination with vowel signs

Vowel signs

11A51 ◌𑩑 SOYOMBO VOWEL SIGN I
11A52 ◌𑩒 SOYOMBO VOWEL SIGN UE
11A53 ◌𑩓 SOYOMBO VOWEL SIGN U
11A54 ◌𑩔 SOYOMBO VOWEL SIGN E
11A55 ◌𑩕 SOYOMBO VOWEL SIGN O
11A56 ◌𑩖 SOYOMBO VOWEL SIGN OE
11A57 ◌𑩗 SOYOMBO VOWEL SIGN AI
11A58 ◌𑩘 SOYOMBO VOWEL SIGN AU
11A59 ◌𑩙 SOYOMBO VOWEL SIGN VOCALIC R
11A5A ◌𑩚 SOYOMBO VOWEL SIGN VOCALIC L

Vowel length mark

11A5B ◌𑩛 SOYOMBO VOWEL LENGTH MARK

Consonants

11A5C 𑩜 SOYOMBO LETTER KA
11A5D 𑩝 SOYOMBO LETTER KHA
11A5E 𑩞 SOYOMBO LETTER GA
11A5F 𑩟 SOYOMBO LETTER GHA
11A60 𑩠 SOYOMBO LETTER NGA
11A61 𑩡 SOYOMBO LETTER CA
11A62 𑩢 SOYOMBO LETTER CHA
11A63 𑩣 SOYOMBO LETTER JA
11A64 𑩤 SOYOMBO LETTER JHA
11A65 𑩥 SOYOMBO LETTER NYA
11A66 𑩦 SOYOMBO LETTER TTA
11A67 𑩧 SOYOMBO LETTER TTHA
11A68 𑩨 SOYOMBO LETTER DDA
11A69 𑩩 SOYOMBO LETTER DDHA
11A6A 𑩪 SOYOMBO LETTER NNA
11A6B 𑩫 SOYOMBO LETTER TA
11A6C 𑩬 SOYOMBO LETTER THA
11A6D 𑩭 SOYOMBO LETTER DA
11A6E 𑩮 SOYOMBO LETTER DHA
11A6F 𑩯 SOYOMBO LETTER NA
11A70 𑩰 SOYOMBO LETTER PA
11A71 𑩱 SOYOMBO LETTER PHA
11A72 𑩲 SOYOMBO LETTER BA
11A73 𑩳 SOYOMBO LETTER BHA
11A74 𑩴 SOYOMBO LETTER MA
11A75 𑩵 SOYOMBO LETTER TSA
11A76 𑩶 SOYOMBO LETTER TSHA
11A77 𑩷 SOYOMBO LETTER DZA
11A78 𑩸 SOYOMBO LETTER ZHA
11A79 𑩹 SOYOMBO LETTER ZA
11A7A 𑩺 SOYOMBO LETTER -A
11A7B 𑩻 SOYOMBO LETTER YA
11A7C 𑩼 SOYOMBO LETTER RA
11A7D 𑩽 SOYOMBO LETTER LA
11A7E 𑩾 SOYOMBO LETTER VA
11A7F 𑩿 SOYOMBO LETTER SHA
11A80 𑪀 SOYOMBO LETTER SSA
11A81 𑪁 SOYOMBO LETTER SA
11A82 𑪂 SOYOMBO LETTER HA
11A83 𑪃 SOYOMBO LETTER KSSA

Alternate visarga signs

11A84 ◌𑪄 SOYOMBO SIGN JIHVAMULIYA
→ 1CF5 ◌ᳵ vedic sign jihvamuliya
11A85 ◌𑪅 SOYOMBO SIGN UPADHMANIYA
→ 1CF6 ◌ᳶ vedic sign upadhmaniya

Cluster-initial letters

11A86 ◌𑪆 SOYOMBO CLUSTER-INITIAL LETTER RA
11A87 ◌𑪇 SOYOMBO CLUSTER-INITIAL LETTER LA
11A88 ◌𑪈 SOYOMBO CLUSTER-INITIAL LETTER SHA
11A89 ◌𑪉 SOYOMBO CLUSTER-INITIAL LETTER SA

Final consonant signs

11A8A ◌𑪊 SOYOMBO FINAL CONSONANT SIGN G
11A8B ◌𑪋 SOYOMBO FINAL CONSONANT SIGN K
11A8C ◌𑪌 SOYOMBO FINAL CONSONANT SIGN NG
11A8D ◌𑪍 SOYOMBO FINAL CONSONANT SIGN D
11A8E ◌𑪎 SOYOMBO FINAL CONSONANT SIGN N
11A8F ◌𑪏 SOYOMBO FINAL CONSONANT SIGN B
11A90 ◌𑪐 SOYOMBO FINAL CONSONANT SIGN M
11A91 ◌𑪑 SOYOMBO FINAL CONSONANT SIGN R
11A92 ◌𑪒 SOYOMBO FINAL CONSONANT SIGN L
11A93 ◌𑪓 SOYOMBO FINAL CONSONANT SIGN SH
11A94 ◌𑪔 SOYOMBO FINAL CONSONANT SIGN S
11A95 ◌𑪕 SOYOMBO FINAL CONSONANT SIGN -A
- Mongolian aang
- Tibetan a-chung
→ 0F60 ཀ tibetan letter -a

Various signs

11A96 ◌𑪖 SOYOMBO SIGN ANUSVARA
11A97 ◌𑪗 SOYOMBO SIGN VISARGA

Gemination mark

11A98 ◌𑪘 SOYOMBO GEMINATION MARK

Subjoiner

11A99 ◌𑪙 SOYOMBO SUBJOINER
- used for producing consonant conjuncts

Punctuation

11A9A 𑪚 SOYOMBO MARK TSHEG
11A9B 𑪛 SOYOMBO MARK SHAD
11A9C 𑪜 SOYOMBO MARK DOUBLE SHAD

Elongation mark

11A9D 𑪝 SOYOMBO MARK PLUTA
- indicates vowel elongation

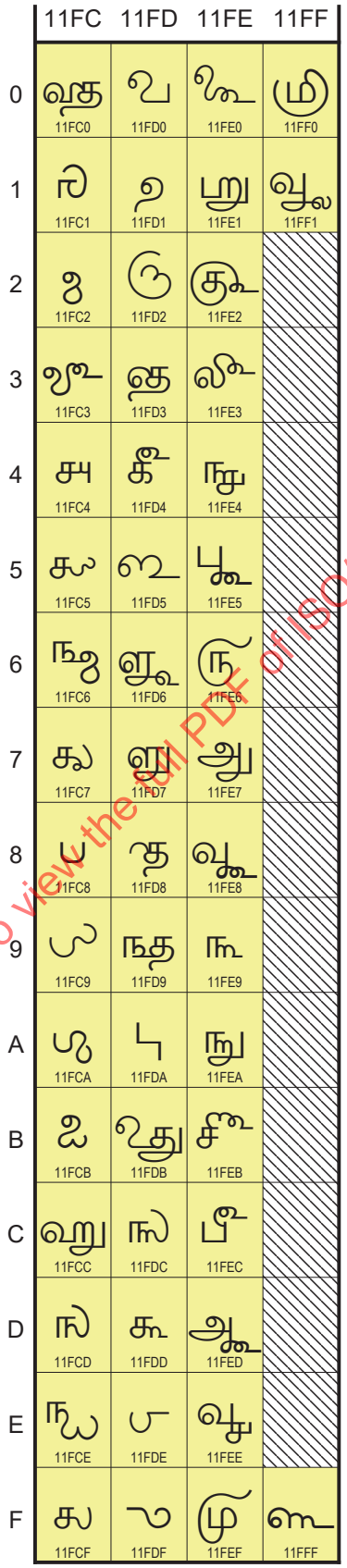
Head marks

11A9E 𑪞 SOYOMBO HEAD MARK WITH MOON AND SUN AND TRIPLE FLAME
- national symbol of Mongolia

11A9F 𑪟 SOYOMBO HEAD MARK WITH MOON AND SUN AND FLAME
11AA0 𑪠 SOYOMBO HEAD MARK WITH MOON AND SUN

Terminal marks

11AA1 𑪡 SOYOMBO TERMINAL MARK-1
11AA2 𑪢 SOYOMBO TERMINAL MARK-2
= cintamani, candamani



Fractions

11FC0 ௰ TAMIL FRACTION ONE THREE-HUNDRED-AND-TWENTIETH
= munthiri

11FC1 ௱ TAMIL FRACTION ONE ONE-HUNDRED-AND-SIXTIETH
= araikkaani

11FC2 ௲ TAMIL FRACTION ONE EIGHTIETH
= kaani

11FC3 ௳ TAMIL FRACTION ONE SIXTY-FOURTH
= kaal viisam

11FC4 ௴ TAMIL FRACTION ONE FORTIETH
= arai maa

11FC5 ௵ TAMIL FRACTION ONE THIRTY-SECOND
= arai viisam

11FC6 ௶ TAMIL FRACTION THREE EIGHTIETHS
= mukkaani

11FC7 ௷ TAMIL FRACTION THREE SIXTY-FOURTHS
= mukkaal viisam

11FC8 ௸ TAMIL FRACTION ONE TWENTIETH
= maa
→ 0BAA ப tamil letter pa

11FC9 ௹ TAMIL FRACTION ONE SIXTEENTH-1
= viisam/maakaani

11FCA ௺ TAMIL FRACTION ONE SIXTEENTH-2
= viisam/maakaani
• alternate representation

11FCB ௻ TAMIL FRACTION ONE TENTH
= irumaa

11FCC ௼ TAMIL FRACTION ONE EIGHTH
= araikkaal

11FCD ௽ TAMIL FRACTION THREE TWENTIETHS
= mummaa

11FCE ௾ TAMIL FRACTION THREE SIXTEENTHS
= muuviisam/mummaamukkaani

11FCF ௿ TAMIL FRACTION ONE FIFTH
= naangu maa

11FD0 ఀ TAMIL FRACTION ONE QUARTER
= kaal
→ 0BB5 வ tamil letter va

11FD1 ఁ TAMIL FRACTION ONE HALF-1
= arai

11FD2 ం TAMIL FRACTION ONE HALF-2
= arai
• alternate representation

11FD3 ః TAMIL FRACTION THREE QUARTERS
= mukkaal

11FD4 ఄ TAMIL FRACTION DOWNSCALING FACTOR KIIZH
• when prefixed to a fraction, reduces its value by a factor of 1/320

Measures of grain

11FD5 అ TAMIL SIGN NEL
• one grain of paddy

11FD6 ఆ TAMIL SIGN CEVITU
• equals 360 nel

11FD7 ఇ TAMIL SIGN AAZHAAKKU
• equals 5 cevitu

11FD8 ఈ TAMIL SIGN UZHAKKU
• equals 2 aazhaakku
• for the measure uri which equals 2 uzhakku, use the sequence 0B89 உ 0BB0 ர 0BBF ி

11FD9 ఉ TAMIL SIGN MUUVUZHAKKU
• equals 3 uzhakku
• for the measure naazhi/padi which equals 2 uri, use 0BF3 ஒ
→ 0BF3 ஒ tamil day sign

11FDA ఊ TAMIL SIGN KURUNI
= marakkaal
• equals 8 naazhi/padi
→ 0B99 ங tamil letter nga

11FDB ఋ TAMIL SIGN PATHAKKU
• equals 2 kuruni/marakkaal

11FDC ఌ TAMIL SIGN MUKKURUNI
• equals 3 kuruni/marakkaal
• for the measure thuuni which equals 2 pathakku, use 0BA4 த
→ 0BA4 த tamil letter ta
• for the measure kalam which equals 3 thuuni, use 0BB3 ள
→ 0BB3 ள tamil letter lla

Old currency symbols

11FDD ఍ TAMIL SIGN KAACU
• small currency unit

11FDE ఎ TAMIL SIGN PANAM

11FDF ఏ TAMIL SIGN PON
• gold coin

11FE0 ఐ TAMIL SIGN VARAAKAN
• gold coin bearing boar insignia

Symbols of weight, length, and area

11FE1 ఑ TAMIL SIGN PAARAM
• approximately equals 500 pounds (227 kg)

11FE2 ఒ TAMIL SIGN KUZHI
• equals 1 square kol, where 1 kol is approximately 11 feet (3.35 m)

11FE3 ఓ TAMIL SIGN VELI
• equals 2000 kuzhi

Agricultural symbols

11FE4 ఔ TAMIL WET CULTIVATION SIGN
= nansey

11FE5 క TAMIL DRY CULTIVATION SIGN
= punsey

11FE6 ఖ TAMIL LAND SIGN
= nilam
• distinct from the rupee sign
→ 0BF9 ₹ tamil rupee sign

11FE7 గ TAMIL SALT PAN SIGN
= uppalam

Clerical symbols

11FE8 ఘ TAMIL TRADITIONAL CREDIT SIGN
= varavu
→ 0BF7 ௷ tamil credit sign

11FE9 ఙ TAMIL TRADITIONAL NUMBER SIGN
= enn
→ 0BFA ௺ tamil number sign

11FEA చ TAMIL CURRENT SIGN
= naalathu

11FEB ఛ TAMIL AND ODD SIGN
= silvaanam/sillarai

11FEC జ TAMIL SPENT SIGN
= poga

11FED ఝ TAMIL TOTAL SIGN
= aaga

Other symbols and abbreviations

11FEE ௮ TAMIL IN POSSESSION SIGN
= vasam

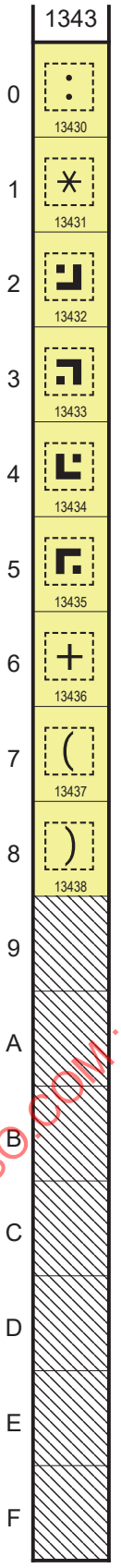
11FEF ௯ TAMIL STARTING FROM SIGN
= muthal

11FF0 ௰ TAMIL SIGN MUTHALIYA
= et cetera
• indicates items in a series

11FF1 ௱ TAMIL SIGN VAKAIYARAA
= et cetera
• indicates items of a family or kind

Punctuation

11FFF ෴ TAMIL PUNCTUATION END OF TEXT
→ 0DF4 ෴ sinhala punctuation kunddaliya



These format controls are used to render Egyptian hieroglyphic quadrats.

Joiners

13430 EGYPTIAN HIEROGLYPH VERTICAL JOINER
= sign separator: subordination (Manuel de Codage)

13431 EGYPTIAN HIEROGLYPH HORIZONTAL JOINER
= sign separator: juxtaposition (Manuel de Codage)

Sign insertion controls

13432 EGYPTIAN HIEROGLYPH INSERT AT TOP START

13433 EGYPTIAN HIEROGLYPH INSERT AT BOTTOM START

13434 EGYPTIAN HIEROGLYPH INSERT AT TOP END

13435 EGYPTIAN HIEROGLYPH INSERT AT BOTTOM END

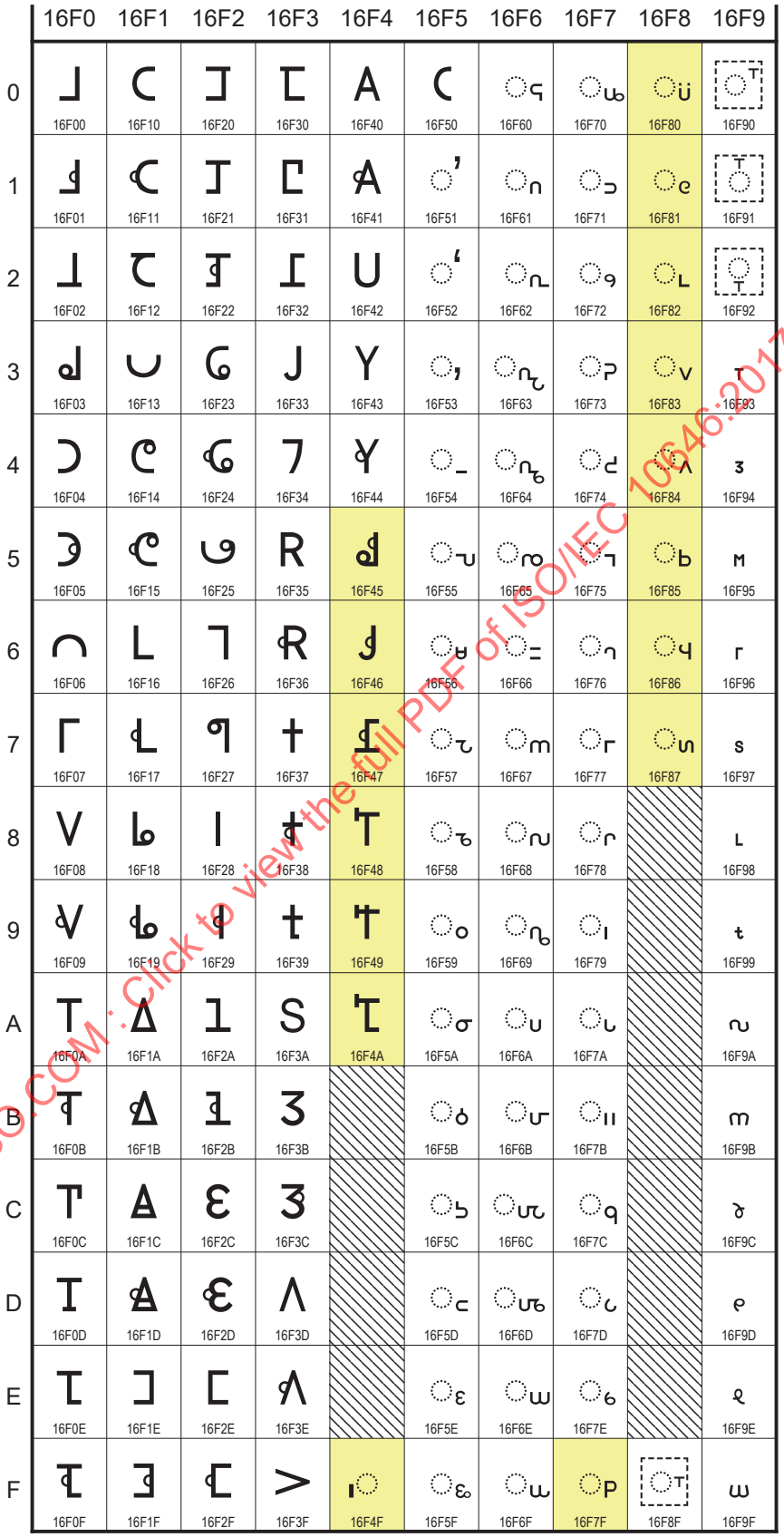
Sign stacking control

13436 EGYPTIAN HIEROGLYPH OVERLAY MIDDLE

Segment scoping delimiters

13437 EGYPTIAN HIEROGLYPH BEGIN SEGMENT

13438 EGYPTIAN HIEROGLYPH END SEGMENT



Consonant onsets

16F00 𖬀 MIAO LETTER PA
• used for ba in Gan Yi
16F01 𖬁 MIAO LETTER BA
16F02 𖬂 MIAO LETTER YI PA
• used for pa in Gan Yi
16F03 𖬃 MIAO LETTER PLA
• used in Sichuan Hmong
16F04 𖬄 MIAO LETTER MA
16F05 𖬅 MIAO LETTER MHA
16F06 𖬆 MIAO LETTER ARCHAIC MA
• used in Pollard's early orthography
16F07 𖬇 MIAO LETTER FA
16F08 𖬈 MIAO LETTER VA
16F09 𖬉 MIAO LETTER VFA
• used in Hei Yi
16F0A 𖬊 MIAO LETTER TA
• used for da in Gan Yi
16F0B 𖬋 MIAO LETTER DA
16F0C 𖬌 MIAO LETTER YI TTA
• used in Hei Yi
16F0D 𖬍 MIAO LETTER YI TA
• used for ta in Gan Yi
16F0E 𖬎 MIAO LETTER TTA
16F0F 𖬏 MIAO LETTER DDA
16F10 𖬐 MIAO LETTER NA
16F11 𖬑 MIAO LETTER NHA
16F12 𖬒 MIAO LETTER YI NNA
• used in Hei Yi
16F13 𖬓 MIAO LETTER ARCHAIC NA
• used in Pollard's early orthography
16F14 𖬔 MIAO LETTER NNA
16F15 𖬕 MIAO LETTER NNHA
16F16 𖬖 MIAO LETTER LA
16F17 𖬗 MIAO LETTER LYA
• used in Hei Yi
16F18 𖬘 MIAO LETTER LHA
16F19 𖬙 MIAO LETTER LHYA
• used in Hei Yi
16F1A 𖬚 MIAO LETTER TLHA
16F1B 𖬛 MIAO LETTER DLHA
16F1C 𖬜 MIAO LETTER TLHYA
16F1D 𖬝 MIAO LETTER DLHYA
16F1E 𖬞 MIAO LETTER KA
• used for ga in Gan Yi
16F1F 𖬟 MIAO LETTER GA
16F20 𖬠 MIAO LETTER YI KA
• used for ka in Gan Yi
16F21 𖬡 MIAO LETTER QA
16F22 𖬢 MIAO LETTER QGA
16F23 𖬣 MIAO LETTER NGA
16F24 𖬤 MIAO LETTER NGHA
16F25 𖬥 MIAO LETTER ARCHAIC NGA
• used in Pollard's early orthography
16F26 𖬦 MIAO LETTER HA
16F27 𖬧 MIAO LETTER XA
• archaic character used in a post-1949 reformed orthography
16F28 𖬨 MIAO LETTER GHA
16F29 𖬩 MIAO LETTER GHHA
16F2A 𖬪 MIAO LETTER TSSA
16F2B 𖬫 MIAO LETTER DZZA
16F2C 𖬬 MIAO LETTER NYA
16F2D 𖬭 MIAO LETTER NYHA
• used in Bai Yi
16F2E 𖬮 MIAO LETTER TSHA
16F2F 𖬯 MIAO LETTER DZHA
16F30 𖬰 MIAO LETTER YI TSHA
• used for tsha in Gan Yi
16F31 𖬱 MIAO LETTER YI DZHA
• used in Hei Yi
16F32 𖬲 MIAO LETTER REFORMED TSHA
• archaic character used before 1949 reformed orthography
16F33 𖬳 MIAO LETTER SHA
16F34 𖬴 MIAO LETTER SSA
16F35 𖬵 MIAO LETTER ZHA
• used in Hei Yi
16F36 𖬶 MIAO LETTER ZSHA
• used in Hei Yi
16F37 𖬷 MIAO LETTER TSA
• used for dza in Gan Yi
16F38 𖬸 MIAO LETTER DZA
16F39 𖬹 MIAO LETTER YI TSA
• used for tsa in Gan Yi
16F3A 𖬺 MIAO LETTER SA
16F3B 𖬻 MIAO LETTER ZA
16F3C 𖬼 MIAO LETTER ZSA
• used in Hei Yi
16F3D 𖬽 MIAO LETTER ZZA
16F3E 𖬾 MIAO LETTER ZZSA
• used in Hei Yi
16F3F 𖬿 MIAO LETTER ARCHAIC ZZA
• used in Pollard's early orthography
16F40 𖭀 MIAO LETTER ZZYA
• used in Hei Yi
16F41 𖭁 MIAO LETTER ZZSYA
• used in Hei Yi
16F42 𖭂 MIAO LETTER WA
16F43 𖭃 MIAO LETTER AH
• glottal stop
16F44 𖭄 MIAO LETTER HHA
• used in Hei Yi
16F45 𖭅 MIAO LETTER BRI
• used in Xiaohua Miao
16F46 𖭆 MIAO LETTER SYI
• used in Xiaohua Miao
16F47 𖭇 MIAO LETTER DZYI
• used in Xiaohua Miao
16F48 𖭈 MIAO LETTER TE
• used in Bai Yi
16F49 𖭉 MIAO LETTER TSE
• used in Bai Yi
16F4A 𖭊 MIAO LETTER RTE
• used in Bai Yi

Modifiers

16F4F 𖭏 MIAO SIGN CONSONANT MODIFIER BAR
• used in Gan Yi
• functions similarly to Indic nuktas
16F50 𖭐 MIAO LETTER NASALIZATION
16F51 𖭑 MIAO SIGN ASPIRATION
16F52 𖭒 MIAO SIGN REFORMED VOICING
• archaic character used in a post-1949 reformed orthography

16F53 MIAO SIGN REFORMED ASPIRATION
• archaic character used in a post-1949 reformed orthography

Vowels and finals

16F54 MIAO VOWEL SIGN A
16F55 MIAO VOWEL SIGN AA
• used in Eastern Lisu
16F56 MIAO VOWEL SIGN AHH
• used in Gan Yi
16F57 MIAO VOWEL SIGN AN
16F58 MIAO VOWEL SIGN ANG
• also used for aw
16F59 MIAO VOWEL SIGN O
16F5A MIAO VOWEL SIGN OO
16F5B MIAO VOWEL SIGN WO
• used in Hei Yi
16F5C MIAO VOWEL SIGN W
16F5D MIAO VOWEL SIGN E
16F5E MIAO VOWEL SIGN EN
16F5F MIAO VOWEL SIGN ENG
16F60 MIAO VOWEL SIGN OEY
16F61 MIAO VOWEL SIGN I
16F62 MIAO VOWEL SIGN IA
16F63 MIAO VOWEL SIGN IAN
16F64 MIAO VOWEL SIGN IANG
• also used for iaw
16F65 MIAO VOWEL SIGN IO
16F66 MIAO VOWEL SIGN IE
16F67 MIAO VOWEL SIGN II
• used in Eastern Lisu
16F68 MIAO VOWEL SIGN IU
16F69 MIAO VOWEL SIGN ING
• also used for in
16F6A MIAO VOWEL SIGN U
16F6B MIAO VOWEL SIGN UA
16F6C MIAO VOWEL SIGN UAN
16F6D MIAO VOWEL SIGN UANG
• also used for uaw
16F6E MIAO VOWEL SIGN UU
• used in Eastern Lisu
16F6F MIAO VOWEL SIGN UEI
16F70 MIAO VOWEL SIGN UNG
16F71 MIAO VOWEL SIGN Y
16F72 MIAO VOWEL SIGN YI
16F73 MIAO VOWEL SIGN AE
16F74 MIAO VOWEL SIGN AEE
• used in Eastern Lisu
16F75 MIAO VOWEL SIGN ERR
16F76 MIAO VOWEL SIGN ROUNDED ERR
• used in Eastern Lisu
16F77 MIAO VOWEL SIGN ER
16F78 MIAO VOWEL SIGN ROUNDED ER
• used in Eastern Lisu
16F79 MIAO VOWEL SIGN AI
16F7A MIAO VOWEL SIGN EI
16F7B MIAO VOWEL SIGN AU
16F7C MIAO VOWEL SIGN OU
16F7D MIAO VOWEL SIGN N
16F7E MIAO VOWEL SIGN NG
16F7F MIAO VOWEL SIGN UOG
• used in Hei Yi
16F80 MIAO VOWEL SIGN YUI
• used in Hei Yi
16F81 MIAO VOWEL SIGN OG
• used in Gan Yi and Bai Yi
16F82 MIAO VOWEL SIGN OER
• used in Gan Yi and Xiaohua Miao
16F83 MIAO VOWEL SIGN VW
• used in Xiaohua Miao and Bai Yi
16F84 MIAO VOWEL SIGN IG
• used in Bai Yi
16F85 MIAO VOWEL SIGN EA
• used in Bai Yi
16F86 MIAO VOWEL SIGN IONG
• used in Bai Yi
16F87 MIAO VOWEL SIGN UI
• used in Bai Yi

Positioning tone marks

These are used to position the vowel off of the baseline position to indicate a change of tone.

16F8F MIAO TONE RIGHT
16F90 MIAO TONE TOP RIGHT
16F91 MIAO TONE ABOVE
16F92 MIAO TONE BELOW

Baseline tone marks

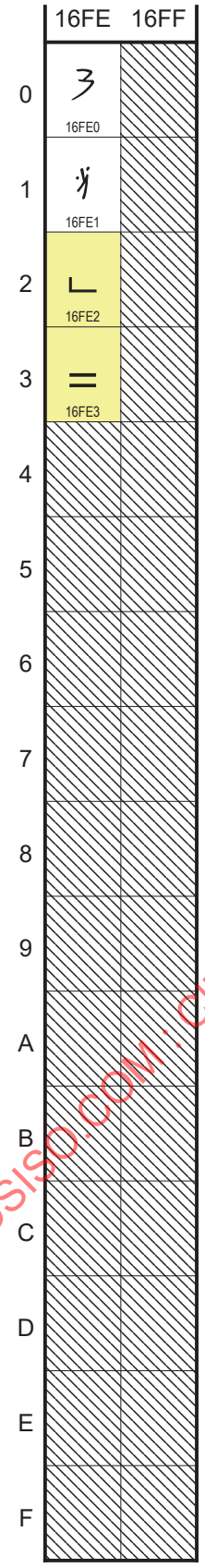
These are used in Chuxiong Ahmao instead of the positioning tone marks.

16F93 MIAO LETTER TONE-2
16F94 MIAO LETTER TONE-3
16F95 MIAO LETTER TONE-4
16F96 MIAO LETTER TONE-5
16F97 MIAO LETTER TONE-6
16F98 MIAO LETTER TONE-7
16F99 MIAO LETTER TONE-8

Archaic baseline tone marks

These are archaic characters used in a post-1949 reformed orthography.

16F9A MIAO LETTER REFORMED TONE-1
16F9B MIAO LETTER REFORMED TONE-2
16F9C MIAO LETTER REFORMED TONE-4
16F9D MIAO LETTER REFORMED TONE-5
16F9E MIAO LETTER REFORMED TONE-6
16F9F MIAO LETTER REFORMED TONE-8



Tangut mark

16FE0 TANGUT ITERATION MARK
→ 3005 々 ideographic iteration mark

Nushu mark

16FE1 NUSHU ITERATION MARK

Marks used in ancient Chinese texts

16FE2 ﹂ OLD CHINESE HOOK MARK
• indicates a pause or break in the text

16FE3 ﹦ OLD CHINESE ITERATION MARK
→ 3005 々 ideographic iteration mark
→ 303B 〻 vertical ideographic iteration mark

Code	Radical-stroke	Source
1712C	17.7	L2008-1965
1712D	17.7	L2008-1941
1712E	17.7	L2008-1985
1712F	17.7	L2008-2701
17130	17.7	L2008-2981
17131	17.7	L2008-2354
17132	17.7	H2004-B-0284
17133	17.7	L2008-3762
17134	17.7	L2008-3488-3489
17135	17.7	L2008-3477
17136	17.7	L2008-3474
17137	17.7	L2008-2823
17138	17.8	L2008-1942
17139	17.8	L2008-1947
1713A	17.8	L2008-2362
1713B	17.8	L2008-2699
1713C	17.8	L2008-3456
1713D	17.8	L2008-3763
1713E	17.8	L2008-2931
1713F	17.8	L2008-3497
17140	17.8	L2008-3491
17141	17.8	L2008-2983
17142	17.8	L2008-2708
17143	17.8	L2008-2709
17144	17.8	L2008-2700
17145	17.8	L2008-2938
17146	17.9	L2008-2833
17147	17.9	L2008-1962
17148	17.9	L2008-0016
17149	17.9	L2008-1906
1714A	17.9	L2008-1963
1714B	17.9	L2008-1918
1714C	17.9	L2008-3498
1714D	17.9	L2008-2702
1714E	17.9	L2008-3490
1714F	17.9	L2008-2913
17150	17.9	L2008-2909
17151	17.9	L2008-2911
17152	17.9	L2008-2982
17153	17.10	L2008-2917
17154	17.10	L2008-1943
17155	17.10	L2008-1949
17156	17.10	L2008-1944
17157	17.10	L2008-2960
17158	17.10	L2008-1914
17159	17.10	L2008-2363
1715A	17.10	L2008-1950
1715B	17.10	L2008-2826
1715C	17.10	L2008-2353
1715D	17.10	L2008-2914
1715E	17.10	L2008-1964
1715F	17.10	L2008-3767
17160	17.10	L2008-1909
17161	17.10	L2008-1981-3517
17162	17.10	L2008-2364
17163	17.10	L2008-3493
17164	17.10	L2008-3475
17165	17.10	L2008-1899
17166	17.10	L2008-2707
17167	17.10	L2008-1907
17168	17.10	L2008-2376
17169	17.10	L2008-2952
1716A	17.10	L2008-2929
1716B	17.10	L2008-2369
1716C	17.11	L2008-1969
1716D	17.11	L2008-3505
1716E	17.11	L2008-2830
1716F	17.11	L2008-2377
17170	17.11	L2008-3463
17171	17.11	L2008-1904
17172	17.11	L2008-1910
17173	17.11	L2008-2933
17174	17.11	L2008-2932
17175	17.11	L2008-2370
17176	17.11	L2008-2565
17177	17.11	L2008-2962
17178	17.11	L2008-1967
17179	17.11	L2008-2375
1717A	17.11	L2008-2367
1717B	17.11	L2008-2910
1717C	17.11	L2008-3492
1717D	17.11	L2008-2817
1717E	17.11	L2008-2915
1717F	17.11	L2008-3494
17180	17.11	L2008-1915
17181	17.11	L2008-2355
17182	17.11	L2008-2827
17183	17.11	L2008-2374
17184	17.11	L2008-2984
17185	17.12	L2008-1911
17186	17.12	L2008-2903
17187	17.12	L2008-2825
17188	17.12	L2008-2357
17189	17.12	L2008-3459
1718A	17.12	L2008-3458
1718B	17.12	L2008-2902
1718C	17.12	L2008-2837
1718D	17.12	L2008-2368
1718E	17.12	L2008-3454
1718F	17.12	L2008-3768

Code	Index	Source
17320	36.15	L2008-3556
17321	36.15	L2008-2014
17322	36.15	L2008-3002
17323	36.15	L2008-3524
17324	36.15	L2008-3034
17325	36.15	L2008-2998
17326	36.15	L2008-1998
17327	36.15	L2008-2006
17328	36.16	L2008-2050
17329	36.16	L2008-3557
1732A	36.16	L2008-3082
1732B	36.16	L2008-6038
1732C	36.17	L2008-3066
1732D	37.9	L2008-1542
1732E	37.10	L2008-1543
1732F	40.9	L2008-1628
17330	40.10	L2008-1633
17331	40.10	L2008-1664
17332	40.12	L2008-1063
17333	40.13	L2008-1096
17334	41.5	L2008-1230
17335	41.7	L2008-1306
17336	41.8	L2008-0784
17337	41.8	L2008-1869
17338	41.8	L2008-1732
17339	41.9	L2008-0558
1733A	41.9	L2008-1748
1733B	41.9	L2008-1346
1733C	41.9	L2008-0338
1733D	41.9	L2008-0804
1733E	41.9	L2008-1269
1733F	41.9	L2008-0687
17340	41.9	L2008-0789
17341	41.10	L2008-0289
17342	41.10	L2008-0377
17343	41.10	L2008-0805
17344	41.10	L2008-0806
17345	41.11	L2008-0270
17346	41.11	L2008-0358
17347	41.11	L2008-1706
17348	41.11	L2008-1201
17349	41.11	L2008-0599
1734A	41.11	L2008-0290
1734B	41.11	L2008-0269
1734C	41.12	L2008-0280
1734D	41.12	L2008-0281
1734E	41.12	L2008-0537
1734F	41.12	L2008-0586
17350	41.12	L2008-0326
17351	41.12	L2008-0823
17352	41.12	L2008-1307
17353	41.12	L2008-0313
17354	41.13	L2008-0325
17355	41.13	L2008-0266
17356	41.13	L2008-0291
17357	41.13	L2008-1768
17358	41.13	L2008-0538
17359	41.13	L2008-1381
1735A	41.13	L2008-1193
1735B	41.14	L2008-1412
1735C	41.14	L2008-1272
1735D	41.14	L2008-0371
1735E	41.15	L2008-0885
1735F	41.15	L2008-1769
17360	41.15	L2008-1685
17361	41.16	L2008-0309
17362	41.19	L2008-1775
17363	42.9	L2008-4459
17364	43.7	L2008-0620
17365	44.14	L2008-0015
17366	44.15	L2008-0028
17367	44.16	L2008-0112
17368	45.10	L2008-4050
17369	45.11	L2008-4049
1736A	46.8	L2008-4029
1736B	46.9	L2008-4027
1736C	46.9	L2008-4048
1736D	46.10	L2008-4088
1736E	46.11	L2008-4087
1736F	46.12	L2008-4086
17370	46.12	L2008-4039
17371	46.14	L2008-4024
17372	46.14	L2008-4026
17373	46.15	L2008-4028
17374	46.17	L2008-4055
17375	47.5	L2008-1026
17376	47.9	L2008-1630
17377	47.9	L2008-0760
17378	47.9	L2008-0486
17379	47.10	L2008-0219
1737A	47.10	L2008-0752
1737B	47.10	L2008-1641
1737C	47.10	L2008-0753
1737D	47.10	L2008-1651
1737E	47.11	L2008-0745
1737F	47.12	L2008-1003
17380	47.12	L2008-0503
17381	47.12	L2008-1082
17382	47.13	L2008-1588
17383	50.7	L2008-4041

17384 手 50.7  L2008-4078	17398 言 52.5  L2008-0785	173AC 氵 54.12  L2008-1938	173C0 手 65.9  L2008-2723	173D4 艹 68.10  L2008-3350
17385 手 50.7  L2008-4081	17399 言 52.7  L2008-0335	173AD 氵 54.12  L2008-1892	173C1 手 65.10  L2008-1999	173D5 艹 68.10  L2008-2774
17386 手 50.8  L2008-4091	1739A 言 52.7  L2008-0708	173AE 氵 54.12  L2008-2820	173C2 手 65.11  L2008-1995	173D6 艹 68.10  L2008-2796
17387 手 50.8  L2008-4079	1739B 言 52.8  L2008-0328	173AF 氵 54.14  L2008-2835	173C3 手 65.11  L2008-2722	173D7 艹 68.10  L2008-3104
17388 手 50.9  L2008-4053	1739C 言 52.9  L2008-0566	173B0 氵 54.15  L2008-1891	173C4 手 65.12  L2008-2000	173D8 艹 68.10  L2008-3273
17389 手 50.9  L2008-4042	1739D 言 52.9  L2008-1753	173B1 氵 54.15  L2008-2836	173C5 手 65.12  L2008-3546	173D9 艹 68.10  L2008-3340
1738A 手 50.9  L2008-4082	1739E 言 52.9  L2008-1754	173B2 氵 54.16  L2008-2821	173C6 手 65.12  L2008-2052	173DA 艹 68.10  L2008-3233
1738B 手 50.9  L2008-4080	1739F 言 52.9  L2008-1350	173B3 氵 54.17  L2008-2841	173C7 ⺾ 67.11  L2008-2403	173DB 艹 68.11  L2008-2072
1738C 手 50.9  L2008-4089	173A0 言 52.10  L2008-1407	173B4 冫 55.9  L2008-3450	173C8 ⺿ 67.15  L2008-3535	173DC 艹 68.11  L2008-2081
1738D 手 50.9  L2008-4092	173A1 言 52.11  L2008-0798	173B5 ⺕ 61.9  L2008-4025	173C9 艹 68.8  L2008-2283	173DD 艹 68.11  L2008-3325
1738E 手 50.10  L2008-4090	173A2 言 52.11  L2008-1755	173B6 ⺕ 61.9  L2008-4023	173CA 艹 68.8  L2008-3225	173DE 艹 68.11  L2008-3112
1738F 手 50.10  L2008-4077	173A3 言 52.11  L2008-1376	173B7 ⺕ 61.9  L2008-4085	173CB 艹 68.8  L2008-3363	173DF 艹 68.11  L2008-3573
17390 手 50.10  L2008-4043	173A4 言 52.14  L2008-0367	173B8 ⺕ 61.10  L2008-4054	173CC 艹 68.8  S1968-5596	173E0 艹 68.11  L2008-3303
17391 手 50.11  L2008-4032	173A5 氵 54.8  L2008-2360	173B9 ⺕ 61.10  L2008-4060	173CD 艹 68.8  N1966-202-051	173E1 艹 68.11  L2008-2503
17392 手 50.11  L2008-4052	173A6 氵 54.9  L2008-1937	173BA ⺕ 61.12  L2008-4038	173CE 艹 68.9  L2008-2471	173E2 艹 68.11  L2008-3720
17393 手 50.11  L2008-4051	173A7 氵 54.9  L2008-2359	173BB ⺕ 62.9  L2008-2080	173CF 艹 68.9  L2008-2441	173E3 艹 68.11  L2008-3349
17394 手 50.13  L2008-4033	173A8 氵 54.10  L2008-2926	173BC 冫 65.7  L2008-2028	173D0 艹 68.9  L2008-3790	173E4 艹 68.11  L2008-2171
17395 手 50.14  L2008-6047	173A9 氵 54.10  L2008-3516	173BD 冫 65.8  L2008-2586	173D1 艹 68.9  L2008-2442	173E5 艹 68.12  L2008-2488
17396 手 50.15  L2008-4046	173AA 氵 54.11  H2004-A-5829	173BE 冫 65.9  L2008-2411	173D2 艹 68.9  L2008-2744	173E6 艹 68.12  L2008-2863
17397 手 50.19  L2008-4034	173AB 氵 54.11  L2008-2698	173BF 冫 65.9  L2008-3771	173D3 艹 68.9  L2008-3655	173E7 艹 68.12  S1968-5574

173E8 68.12 L2008-2681
173E9 68.12 L2008-2671
173EA 68.12 L2008-2608
173EB 68.12 L2008-2273
173EC 68.12 L2008-2287
173ED 68.12 L2008-2648
173EE 68.12 L2008-3314
173EF 68.12 L2008-3658
173F0 68.12 L2008-3155
173F1 68.12 L2008-3313
173F2 68.12 L2008-2489
173F3 68.12 L2008-2220
173F4 68.13 L2008-2149
173F5 68.13 L2008-3369
173F6 68.13 L2008-2769
173F7 68.14 L2008-3352
173F8 68.14 L2008-3718
173F9 68.14 L2008-2513
173FA 68.14 L2008-3706
173FB 68.15 L2008-2274
173FC 68.15 L2008-2143
173FD 68.15 L2008-2223
173FE 68.16 L2008-2659
173FF 68.16 L2008-3377
17400 68.17 L2008-3707
17401 68.18 L2008-3156
17402 68.18 L2008-3271
17403 68.20 L2008-3253
17404 69.7 L2008-2061
17405 69.9 L2008-2434
17406 69.10 L2008-3089
17407 69.10 L2008-3090
17408 69.10 L2008-3088
17409 69.12 L2008-2600
1740A 69.12 L2008-3558
1740B 70.7 L2008-3401
1740C 70.8 L2008-3432
1740D 70.8 L2008-3018
1740E 70.8 L2008-3391
1740F 70.9 L2008-3036
17410 70.10 L2008-3423
17411 70.10 L2008-3398
17412 70.10 L2008-3005
17413 70.11 L2008-3038
17414 70.12 L2008-3083
17415 70.12 L2008-3448
17416 70.12 L2008-3392
17417 70.13 L2008-3015
17418 70.14 L2008-3043
17419 70.14 L2008-3016
1741A 70.14 L2008-3188
1741B 70.16 L2008-2994
1741C 70.17 L2008-3008
1741D 73.8 L2008-3822
1741E 73.9 L2008-3825
1741F 73.10 L2008-3816
17420 73.10 L2008-3828
17421 73.10 L2008-3820
17422 73.10 L2008-3814
17423 73.11 L2008-3821
17424 73.12 L2008-3813
17425 73.12 L2008-3829
17426 73.13 L2008-3824
17427 73.15 L2008-3817
17428 74.12 L2008-3893
17429 74.14 L2008-3938
1742A 75.6 L2008-4775
1742B 75.7 L2008-4795
1742C 75.7 L2008-4933
1742D 75.8 L2008-4761
1742E 75.8 L2008-4676
1742F 75.8 L2008-4719
17430 75.8 L2008-4842
17431 75.8 L2008-4884
17432 75.8 L2008-5042
17433 75.9 L2008-4865
17434 75.9 L2008-4681
17435 75.9 L2008-4803
17436 75.9 L2008-4720
17437 75.9 L2008-4843
17438 75.9 L2008-4804
17439 75.9 L2008-4760
1743A 75.9 L2008-4794
1743B 75.9 L2008-4857
1743C 75.9 L2008-4858
1743D 75.9 L2008-5034
1743E 75.9 L2008-4921
1743F 75.9 L2008-4939
17440 75.9 L2008-4931
17441 75.10 L2008-4744
17442 75.10 L2008-5038
17443 75.10 L2008-5055
17444 75.10 L2008-5054
17445 75.10 L2008-4728
17446 75.10 L2008-4819
17447 75.10 L2008-4820
17448 75.10 L2008-4750
17449 75.10 L2008-4684
1744A 75.10 L2008-4759
1744B 75.10 L2008-4721

17514		17528		1753C		17550		17564	
17515		17529		1753D		17551		17565	
17516		1752A		1753E		17552		17566	
17517		1752B		1753F		17553		17567	
17518		1752C		17540		17554		17568	
17519		1752D		17541		17555		17569	
1751A		1752E		17542		17556		1756A	
1751B		1752F		17543		17557		1756B	
1751C		17530		17544		17558		1756C	
1751D		17531		17545		17559		1756D	
1751E		17532		17546		1755A		1756E	
1751F		17533		17547		1755B		1756F	
17520		17534		17548		1755C		17570	
17521		17535		17549		1755D		17571	
17522		17536		1754A		1755E		17572	
17523		17537		1754B		1755F		17573	
17524		17538		1754C		17560		17574	
17525		17539		1754D		17561		17575	
17526		1753A		1754E		17562		17576	
17527		1753B		1754F		17563		17577	

Code	Radical-stroke	Source
176A4	106.11	L2008-4162
176A5	106.11	L2008-4157
176A6	106.11	L2008-4176
176A7	106.11	L2008-4205
176A8	106.11	L2008-4215
176A9	106.11	L2008-4343
176AA	106.11	L2008-4302
176AB	106.11	L2008-4165
176AC	106.11	L2008-4164
176AD	106.11	L2008-4142
176AE	106.11	L2008-4409
176AF	106.11	L2008-4384
176B0	106.11	L2008-4224
176B1	106.11	L2008-4229
176B2	106.11	L2008-4426
176B3	106.11	L2008-4219
176B4	106.11	L2008-4208
176B5	106.11	L2008-4252
176B6	106.11	L2008-4296
176B7	106.11	L2008-4361
176B8	106.11	L2008-4412
176B9	106.11	L2008-4180
176BA	106.11	L2008-4155
176BB	106.12	L2008-4100
176BC	106.12	L2008-4310
176BD	106.12	L2008-4171
176BE	106.12	L2008-4199
176BF	106.12	L2008-4153
176C0	106.12	L2008-4160
176C1	106.12	L2008-4334
176C2	106.12	L2008-4333
176C3	106.12	L2008-4106
176C4	106.12	L2008-4122
176C5	106.12	L2008-4177
176C6	106.12	L2008-4109
176C7	106.12	L2008-4159
176C8	106.12	L2008-4216
176C9	106.12	L2008-4213
176CA	106.12	L2008-4318
176CB	106.12	L2008-4212
176CC	106.12	L2008-4280
176CD	106.12	L2008-4376
176CE	106.12	L2008-4357
176CF	106.12	L2008-4307
176D0	106.12	L2008-4156
176D1	106.12	L2008-4152
176D2	106.12	L2008-4400
176D3	106.12	L2008-4414
176D4	106.12	L2008-4351
176D5	106.12	L2008-4211
176D6	106.12	L2008-4406
176D7	106.12	L2008-4138
176D8	106.12	L2008-4181
176D9	106.12	L2008-4167
176DA	106.12	L2008-4179
176DB	106.12	L2008-4204
176DC	106.12	L2008-4103
176DD	106.13	L2008-4246
176DE	106.13	L2008-4245
176DF	106.13	L2008-4234
176E0	106.13	L2008-4235
176E1	106.13	L2008-4188
176E2	106.13	L2008-4332
176E3	106.13	L2008-4341
176E4	106.13	L2008-4110
176E5	106.13	L2008-4170
176E6	106.13	L2008-4416
176E7	106.13	L2008-4161
176E8	106.13	L2008-4123
176E9	106.13	L2008-4136
176EA	106.13	L2008-4124
176EB	106.13	L2008-4404
176EC	106.13	L2008-4373
176ED	106.13	L2008-4345
176EE	106.13	L2008-4279
176EF	106.13	L2008-4217
176F0	106.13	L2008-4344
176F1	106.13	L2008-4424
176F2	106.13	L2008-4319
176F3	106.13	N1966-017-09K
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176F5	106.13	L2008-4312
176F6	106.13	L2008-4218
176F7	106.13	L2008-4374
176F8	106.13	L2008-4311
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176FA	106.13	L2008-4291
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176FC	106.13	L2008-4405
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17703	106.13	L2008-4372
17704	106.13	L2008-4210
17705	106.13	L2008-4227
17706	106.13	L2008-4154
17707	106.13	L2008-4242

17834  L2008-4623
17835  L2008-4532
17836  L2008-4638
17837  L2008-4592
17838  L2008-4612
17839  L2008-4584
1783A  L2008-4605
1783B  L2008-4597
1783C  L2008-4616
1783D  L2008-4613
1783E  L2008-4615
1783F  L2008-4564
17840  L2008-4553
17841  L2008-4619
17842  L2008-4618
17843  L2008-4523
17844  L2008-4513
17845  L2008-4517
17846  L2008-4652
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17848  L2008-4521
17849  L2008-4535
1784A  L2008-4540
1784B  L2008-4593
1784C  N1966-255-107
1784D  L2008-4622
1784E  L2008-4518
1784F  L2008-4576
17850  L2008-4512
17851  L2008-4577
17852  L2008-4598
17853  L2008-4656
17854  L2008-4600
17855  L2008-4614
17856  L2008-4599
17857  L2008-4546
17858  L2008-4639
17859  L2008-4531
1785A  L2008-4569
1785B  L2008-4647
1785C  L2008-4637
1785D  L2008-4620
1785E  L2008-0359
1785F  L2008-0534
17860  L2008-0271
17861  L2008-0320
17862  L2008-0702
17863  L2008-0293
17864  L2008-1760
17865  L2008-1877
17866  L2008-0592
17867  L2008-0703
17868  L2008-0561
17869  L2008-1353
1786A  L2008-1290
1786B  L2008-0778
1786C  L2008-0340
1786D  L2008-0347
1786E  L2008-0541
1786F  L2008-0302
17870  L2008-0357
17871  L2008-1871
17872  L1997-5996
17873  L2008-0272
17874  L2008-0807
17875  L2008-1316
17876  L2008-0535
17877  L2008-1214
17878  L2008-0243
17879  L2008-1392
1787A  L2008-2928
1787B  L2008-3499
1787C  L2008-2705
1787D  L2008-3495
1787E  L2008-2963
1787F  L2008-4021
17880  L2008-4045
17881  L2008-3453
17882  L2008-2824
17883  L2008-2961
17884  L2008-4609
17885  L2008-4525
17886  L2008-2840-4591
17887  L2008-4594
17888  L2008-4037
17889  L2008-4084
1788A  L2008-4044
1788B  L2008-4057
1788C  L2008-4019
1788D  L2008-4020
1788E  L2008-3029
1788F  L2008-3072
17890  L2008-3044
17891  L2008-2844
17892  L2008-3076
17893  L2008-2026
17894  L2008-2051
17895  L2008-3545
17896  L2008-2721
17897  L2008-2420

Code	Index	Source
17AF0	141.21	L2008-6041
17AF1	142.7	L2008-3091
17AF2	142.8	L2008-3094
17AF3	142.8	L2008-2435
17AF4	142.8	L2008-2436
17AF5	142.8	L2008-2601
17AF6	142.8	L2008-3092
17AF7	142.8	L2008-3093
17AF8	142.8	L2008-3101
17AF9	142.8	L2008-3559
17AFA	142.8	L2008-3560
17AFB	142.8	L2008-3099
17AFC	142.9	L2008-2438
17AFD	142.9	L2008-2437
17AFE	142.9	L2008-3779
17AFF	142.9	L2008-3096
17B00	142.9	L2008-3095
17B01	142.10	L2008-3098
17B02	142.10	L2008-3561
17B03	142.10	L2008-3100
17B04	142.10	L2008-3097
17B05	142.11	L2008-3562
17B06	142.12	L2008-2439
17B07	142.12	L2008-3102
17B08	142.12	L2008-3103
17B09	142.13	L2008-3563
17B0A	142.14	L2008-3564
17B0B	142.15	L2008-2062
17B0C	143.8	L2008-1883
17B0D	143.11	L2008-1889
17B0E	144.8	L2008-2459
17B0F	144.9	L2008-2465
17B10	144.9	L2008-2460
17B11	144.9	L2008-3664
17B12	144.10	L2008-2646
17B13	144.10	L2008-3642
17B14	144.12	L2008-3665
17B15	144.14	L2008-3597
17B16	145.12	L2008-2425
17B17	145.15	L2008-2039
17B18	147.8	L2008-3189
17B19	147.9	L2008-2172
17B1A	147.10	L2008-3226
17B1B	147.10	L2008-2457
17B1C	147.11	L2008-3675
17B1D	147.11	L2008-3786
17B1E	147.13	L2008-3227
17B1F	147.13	L2008-2745
17B20	147.13	L2008-2126
17B21	147.14	L2008-3364
17B22	147.15	L2008-2472
17B23	149.8	L2008-2306
17B24	149.8	L2008-2315
17B25	149.8	L2008-2532
17B26	149.9	L2008-2308
17B27	149.9	L2008-3405
17B28	149.9	L2008-3403
17B29	149.10	L2008-3740
17B2A	149.11	L2008-2328
17B2B	149.11	L2008-2533
17B2C	149.11	L2008-2316
17B2D	149.11	L2008-3745
17B2E	149.12	L2008-3741
17B2F	149.12	L2008-2317
17B30	149.12	L2008-3746
17B31	149.12	L2008-2318
17B32	149.13	L2008-2897
17B33	149.14	L2008-2312
17B34	149.14	L2008-3421
17B35	149.16	L2008-2329
17B36	151.15	L2008-2307
17B37	152.7	L2008-4770
17B38	152.9	L2008-4765
17B39	152.9	L2008-4756
17B3A	152.10	L2008-4793
17B3B	152.10	L2008-4748
17B3C	152.10	L2008-4772
17B3D	152.10	L2006-6006
17B3E	152.10	L2008-4773
17B3F	152.10	L2008-4771
17B40	152.10	L2008-4749
17B41	152.11	L2008-4747
17B42	152.12	L2008-4782
17B43	152.13	L2008-4774
17B44	152.13	L2008-4757
17B45	152.15	L2008-4742
17B46	155.7	L2008-3842
17B47	155.9	L2008-3861
17B48	155.9	L2008-3845
17B49	155.9	L2008-4012
17B4A	155.9	L2008-3989
17B4B	155.9	L2008-3963
17B4C	155.10	L2008-3843
17B4D	155.10	L2008-3844
17B4E	155.10	L2008-4013
17B4F	155.10	L2008-3857
17B50	155.10	L2008-3908
17B51	155.10	L2008-4010
17B52	155.10	L2008-3990
17B53	155.11	L2008-3860

Code	Radical.Stroke	Source
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17B55	155.11	L2008-3944
17B56	155.11	L2008-3994
17B57	155.11	L2008-3959
17B58	155.11	L2008-3964
17B59	155.12	L2008-3863
17B5A	155.14	L2008-3862
17B5B	155.14	L2008-3924
17B5C	155.14	L2008-3886
17B5D	155.14	L2008-3943
17B5E	155.15	L2008-3912
17B5F	155.15	L2008-3885
17B60	155.16	L2008-3991
17B61	155.16	L2008-3848
17B62	155.16	L2008-3922
17B63	155.21	L2008-3961
17B64	156.8	L2008-3856
17B65	156.9	L2008-3855
17B66	156.16	L2008-3930
17B67	157.10	L2008-4009
17B68	158.6	L2008-3931
17B69	158.8	L2008-3979
17B6A	158.9	L2008-3916
17B6B	158.10	L2008-3870
17B6C	158.10	L2008-3896
17B6D	160.10	L2008-3988
17B6E	162.10	L2008-5413
17B6F	162.10	L2008-5471
17B70	162.11	L1997-6000
17B71	162.11	L2008-5557
17B72	162.12	L2008-5295
17B73	162.12	L2008-5716
17B74	162.12	L2008-5087
17B75	162.13	L2008-5133
17B76	162.13	L2008-5256
17B77	162.15	L2008-5095
17B78	164.10	L2008-5805
17B79	165.6	L2008-5528
17B7A	165.7	L2008-5119
17B7B	165.7	L2008-5522
17B7C	165.8	L2008-5120
17B7D	165.8	L2008-5283
17B7E	165.8	L2008-5524
17B7F	165.9	L2008-5112
17B80	165.9	L2008-5415
17B81	165.9	L2008-5532
17B82	165.10	L2008-5421
17B83	165.10	L2008-5084
17B84	165.10	L2008-5066
17B85	165.10	L2008-5414
17B86	165.10	L2008-5710
17B87	165.10	L2008-5115
17B88	165.11	L2008-5547
17B89	165.11	L2008-5293
17B8A	165.12	L2008-5706
17B8B	165.12	L2008-5114
17B8C	165.12	L2008-5075
17B8D	165.12	L2008-5260
17B8E	165.12	L2008-5076
17B8F	165.12	L2008-5351
17B90	165.13	L2008-5150A
17B91	165.13	L2008-5150B
17B92	165.13	L2008-5077
17B93	165.13	L2008-5291
17B94	165.14	L2008-5692
17B95	165.15	L2008-5078
17B96	166.6	L2008-5529
17B97	166.8	L2008-5496
17B98	166.9	L2008-5546
17B99	166.13	L2008-5530
17B9A	167.5	L2008-5509
17B9B	167.6	L2008-5511
17B9C	167.7	L2008-5431
17B9D	167.7	L2008-5359
17B9E	167.8	L2008-5099
17B9F	167.8	L2008-5100
17BA0	167.8	L2008-5271
17BA1	167.8	L2008-5510
17BA2	167.8	L2008-5519
17BA3	167.9	L2008-5432
17BA4	167.9	L2008-5268
17BA5	167.9	L2008-5358
17BA6	167.9	L2008-5357
17BA7	167.9	L2008-5780
17BA8	167.10	L2008-5101
17BA9	167.10	L2008-5104
17BAA	167.10	L2008-5360
17BAB	167.10	L2008-5272
17BAC	167.10	L2008-5269
17BAD	167.10	L2008-5781
17BAE	167.10	L2008-5700
17BAF	167.10	L2008-5701
17BB0	167.10	L2008-5273
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17BB4	167.11	L2008-5702
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17F3C 𗼼 263.10 L2008-2605	17F50 𗽐 263.12 L2008-2199	17F64 𗾬 263.14 L2008-2153	17F78 𗿸 263.17 L2008-3321	17F8C 𘁌 267.9 L2008-3645
17F3D 𗼽 263.10 L2008-3799	17F51 𗽑 263.12 L2008-3309	17F65 𗾭 263.14 L2008-2121	17F79 𗿹 263.18 L2008-2450	17F8D 𘁍 267.9 L2008-3204
17F3E 𗼾 263.10 L2008-3382	17F52 𗽒 263.12 L2008-2137	17F66 𗾮 263.14 L2008-2482	17F7A 𗿺 263.18 L2008-3177	17F8E 𘁎 267.9 L2008-3243
17F3F 𗼿 263.10 L2008-3206	17F53 𗽓 263.12 L2008-2154	17F67 𗾯 263.14 L2008-2758	17F7B 𗿻 263.18 L2008-2673	17F8F 𘁏 267.9 L2008-3109
17F40 𗽀 263.10 L2008-3264	17F54 𗽔 263.12 L2008-3721	17F68 𗾰 263.14 L2008-3203	17F7C 𗿼 263.19 L2008-3584	17F90 𘁐 267.10 L2008-2238
17F41 𗽁 263.11 L2008-2871	17F55 𗽕 263.12 L2008-2780	17F69 𗾱 263.14 L2008-3108	17F7D 𗿽 264.11 L2008-2598	17F91 𘁑 267.10 L2008-2254
17F42 𗽂 263.11 L2008-2285	17F56 𗽖 263.12 L2008-3291	17F6A 𗾲 263.14 L2008-2122	17F7E 𗿾 264.11 L2008-2585	17F92 𘁒 267.10 L2008-2070
17F43 𗽃 263.11 L2008-2654	17F57 𗽗 263.12 L2008-3290	17F6B 𗾳 263.14 L2008-2765	17F7F 𗿿 264.12 L2008-2632	17F93 𘁓 267.10 L2008-2079
17F44 𗽄 263.11 L2008-2461	17F58 𗽘 263.12 L2008-3387	17F6C 𗾴 263.15 L2008-2661	17F80 𘀀 264.13 L2008-2576	17F94 𘁔 267.10 L2008-2449
17F45 𗽅 263.11 L2008-2685	17F59 𗽙 263.12 L2008-2741	17F6D 𗾵 263.15 L2008-3601	17F81 𘀁 264.14 L2008-6035	17F95 𘁕 267.10 L2008-3295
17F46 𗽆 263.11 L2008-3792	17F5A 𗽚 263.13 L2008-2773	17F6E 𗾶 263.15 L2008-3669	17F82 𘀂 264.14 L2008-2599	17F96 𘁖 267.10 L2008-2628
17F47 𗽇 263.11 L2008-3667	17F5B 𗽛 263.13 L2008-3136	17F6F 𗾷 263.15 L2008-2483	17F83 𘀃 264.14 L2008-2692	17F97 𘁗 267.10 L2008-3670
17F48 𗽈 263.11 L2008-3668	17F5C 𗽜 263.13 L2008-3293	17F70 𗾸 263.15 L2008-2138	17F84 𘀄 264.15 L2008-2658	17F98 𘁘 267.10 L2008-3625
17F49 𗽉 263.11 L2008-3185	17F5D 𗽝 263.13 L2008-3632	17F71 𗾹 263.15 L2008-3390	17F85 𘀅 264.16 L2008-2593	17F99 𘁙 267.10 L2008-3800
17F4A 𗽊 263.11 L2008-2889	17F5E 𗽞 263.13 L2008-3666	17F72 𗾺 263.15 L2008-2181	17F86 𘁆 267.5 L2008-3087	17F9A 𘁚 267.10 L2008-3671
17F4B 𗽋 263.11 L2008-3223	17F5F 𗽟 263.13 L2008-3169	17F73 𗾻 263.16 L2008-2887	17F87 𘁇 267.7 L2008-3242	17F9B 𘁛 267.10 L2008-2855
17F4C 𗽌 263.11 L2008-3122	17F60 𗽠 263.14 L2008-3689	17F74 𗾼 263.16 L2008-3292	17F88 𘁈 267.8 L2008-3294	17F9C 𘁜 267.11 L2008-2186
17F4D 𗽍 263.12 L2008-2799A	17F61 𗽡 263.14 L2008-2674	17F75 𗾽 263.16 L2008-3138	17F89 𘁉 267.8 L2008-3186	17F9D 𘁝 267.11 L2008-2086
17F4E 𗽎 263.12 L2008-2799B	17F62 𗽢 263.14 L2008-3137	17F76 𗾾 263.16 L2008-3358	17F8A 𘁊 267.9 L2008-2252-2253	17F9E 𘁞 267.11 L2008-2440
17F4F 𗽏 263.12 L2008-2237	17F63 𗽣 263.14 L2008-3328	17F77 𗾿 263.16 L2008-2085	17F8B 𘁋 267.9 L2008-2742	17F9F 𘁟 267.11 L2008-3310

17FA0 𗾠 267.11 L2008-2470
17FA1 𗾡 267.11 L2008-2462
17FA2 𗾢 267.11 L2008-2675
17FA3 𗾣 267.11 L2008-2655
17FA4 𗾤 267.11 L2008-3600
17FA5 𗾥 267.11 L2008-3683-3684
17FA6 𗾦 267.11 L2008-2759
17FA7 𗾧 267.11 L2008-3296
17FA8 𗾨 267.11 L2008-2890
17FA9 𗾩 267.11 L2008-2800
17FAA 𗾪 267.11 L2008-2519
17FAB 𗾫 267.12 L2008-2621
17FAC 𗾬 267.12 L2008-2208
17FAD 𗾭 267.12 L2008-2239
17FAE 𗾮 267.12 L2008-2087
17FAF 𗾯 267.12 L2008-2657
17FB0 𗾰 267.12 N1966-211-078
17FB1 𗾱 267.12 L2008-2781
17FB2 𗾲 267.12 L2008-2209
17FB3 𗾳 267.12 L2008-2760
17FB4 𗾴 267.12 L2008-3224
17FB5 𗾵 267.12 L2008-2615
17FB6 𗾶 267.12 L2008-3808
17FB7 𗾷 267.12 L2008-3110
17FB8 𗾸 267.12 L2008-2868
17FB9 𗾹 267.13 L2008-2175
17FBA 𗾺 267.13 L2008-3690
17FBB 𗾻 267.13 L2008-2146
17FBC 𗾼 267.13 L2008-6032
17FBD 𗾽 267.13 L2008-2451
17FBE 𗾾 267.13 L2008-2499
17FBF 𗾿 267.13 L2008-3160
17FC0 𗿀 267.13 L2008-2107
17FC1 𗿁 267.13 L2008-2454
17FC2 𗿂 267.13 L2008-3579
17FC3 𗿃 267.13 L2008-3633
17FC4 𗿄 267.13 L2008-2791
17FC5 𗿅 267.13 L2008-3657
17FC6 𗿆 267.13 L2008-2210
17FC7 𗿇 267.13 L2008-2766
17FC8 𗿈 267.13 L2008-3626
17FC9 𗿉 267.13 L2008-3673
17FCA 𗿊 267.13 L2008-3322
17FCB 𗿋 267.13 L2008-2165
17FCC 𗿌 267.13 L2008-3297
17FCD 𗿍 267.13 L2008-3698
17FCE 𗿎 267.13 L2008-2761
17FCF 𗿏 267.14 L2008-3251
17FD0 𗿐 267.14 L2008-2241
17FD1 𗿑 267.14 L2008-3571
17FD2 𗿒 267.14 L2008-2893
17FD3 𗿓 267.14 L2008-2240
17FD4 𗿔 267.14 L2008-2139
17FD5 𗿕 267.14 L2008-3635
17FD6 𗿖 267.14 L2008-3323
17FD7 𗿗 267.14 L2008-2656
17FD8 𗿘 267.14 L2008-3127
17FD9 𗿙 267.14 L2008-3254
17FDA 𗿚 267.14 L2008-2856
17FDB 𗿛 267.14 L2008-3672
17FDC 𗿜 267.14 L2008-3170
17FDD 𗿝 267.14 L2008-2669
17FDE 𗿞 267.14 L2008-3312
17FDF 𗿟 267.15 L2008-2255
17FE0 𗿠 267.15 L2008-2242
17FE1 𗿡 267.15 L2008-2873
17FE2 𗿢 267.15 L2008-2806
17FE3 𗿣 267.15 L2008-3111
17FE4 𗿤 267.15 L2008-2260
17FE5 𗿥 267.15 L2008-2140
17FE6 𗿦 267.15 L2008-3334
17FE7 𗿧 267.15 L2008-3612
17FE8 𗿨 267.15 L2008-3647
17FE9 𗿩 267.15 L2008-3324
17FEA 𗿪 267.15 L2008-2762
17FEB 𗿫 267.15 L2008-3709
17FEC 𗿬 267.15 L2008-3694
17FED 𗿭 267.15 L2008-3171
17FEE 𗿮 267.15 L2008-3311
17FEF 𗿯 267.15 L2008-3298
17FF0 𗿰 267.15 L2008-3359
17FF1 𗿱 267.16 L2008-2266
17FF2 𗿲 267.16 L2008-2115
17FF3 𗿳 267.16 L2008-3589
17FF4 𗿴 267.16 L2008-3608
17FF5 𗿵 267.16 L2008-2767
17FF6 𗿶 267.16 L2008-2114
17FF7 𗿷 267.17 L2008-3126
17FF8 𗿸 267.18 L2008-3703
17FF9 𗿹 267.18 L2008-2261
17FFA 𗿺 267.18 L2008-2288
17FFB 𗿻 267.19 L2008-2267
17FFC 𗿼 267.19 L2008-2262
17FFD 𗿽 267.19 L2008-2270
17FFE 𗿾 267.20 L2008-2268
17FFF 𗿿 268.10 L2008-2463
18000 𘀀 269.11 L2008-2906
18001 𘀁 269.16 L2008-2326
18002 𘀂 269.16 L2008-3415
18003 𘀃 271.11 L2008-4030

18194		181A8		181BC		181D0		181E4	
325.19	L2008-0935	328.10	L2008-0648	328.12	L2008-0770	330.13	L2008-4071	339.9	L2008-1719
18195		181A9		181BD		181D1		181E5	
326.10	L2008-1176	328.10	L2008-0665	328.12	L2008-1115	330.13	L2008-4083	340.5	L2008-1426
18196		181AA		181BE		181D2		181E6	
327.9	L2008-5870	328.10	L2008-1652	328.12	L2008-1048	330.14	L2008-4063	340.11	L2008-1446
18197		181AB		181BF		181D3		181E7	
327.10	L2008-5937	328.10	L2008-1113	328.13	L2008-0234	330.15	L2008-4064	340.12	L2008-0400
18198		181AC		181C0		181D4		181E8	
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1819A		181AE		181C2		181D6		181EA	
327.11	L2008-5938	328.11	L2008-0194	328.13	L2008-1136	331.9	L2008-0488	340.14	L2008-0401
1819B		181AF		181C3		181D7		181EB	
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1819C		181B0		181C4		181D8		181EC	
327.14	L2008-5832	328.11	L2008-0191	328.13	L2008-0649	331.10	L2008-1622	341.9	L2008-1557
1819D		181B1		181C5		181D9		181ED	
328.7	L2008-0764	328.11	L2008-0667	328.13	L2008-1626	333.15	L2008-1457	341.10	L2008-1566
1819E		181B2		181C6		181DA		181EE	
328.9	L2008-0216	328.11	L2008-0984	328.13	L2008-1654	333.15	L2008-0720	341.11	L2008-0738
1819F		181B3		181C7		181DB		181EF	
328.9	L2008-0233	328.11	L2008-0983	328.14	L2008-1119	335.11	L2008-0715	341.11	L2008-1573
181A0		181B4		181C8		181DC		181F0	
328.9	L2008-1046	328.11	L2008-0669	328.14	L2008-0848	336.5	L2008-1121	342.5	L2008-1500
181A1		181B5		181C9		181DD		181F1	
328.9	L2008-0516	328.11	L2008-0666	328.14	L2008-0192	336.9	L2008-0517	342.7	L2008-0839
181A2		181B6		181CA		181DE		181F2	
328.9	L2008-1052	328.11	L2008-1606	328.15	L2008-0852	336.12	L2008-1116	342.9	L2008-0632
181A3		181B7		181CB		181DF		181F3	
328.9	L2008-1135	328.11	L2008-1653	328.15	L2008-0650	337.7	L2008-0765	342.9	L2008-1823
181A4		181B8		181CC		181E0		181F4	
328.10	L2008-0212	328.11	L2008-1656	328.16	L2008-0672	337.9	L2008-0518	342.10	L2008-0449
181A5		181B9		181CD		181E1		181F5	
328.10	L2008-0768	328.11	L2008-0859	328.17	L2008-1609	338.11	L2008-1600	342.10	L2008-0633
181A6		181BA		181CE		181E2		181F6	
328.10	L2008-0520	328.11	L2008-1114	329.11	L2008-1603	338.11	L2008-1133	342.11	L2008-1881
181A7		181BB		181CF		181E3		181F7	
328.10	L2008-0655	328.12	L2008-1658	329.12	L2008-1657	338.14	L2008-1663	342.11	L2008-0840

181F8 342.13 L2008-1882
181F9 343.9 L2008-0544
181FA 343.10 L2008-0352
181FB 343.10 L2008-0355
181FC 343.10 L2008-0532
181FD 343.10 L2008-0695
181FE 343.10 L2008-1742
181FF 343.11 L2008-0578
18200 343.11 L2008-0300
18201 343.11 L2008-1713
18202 343.11 L2008-1743
18203 343.11 L2008-0819
18204 343.13 L2008-1294
18205 343.15 L2008-1371
18206 343.16 L2008-0875
18207 345.10 L2008-2046
18208 345.12 L2008-2047
18209 345.13 L2008-3525
1820A 347.13 L2008-0141
1820B 347.14 L2008-0024
1820C 347.14 L2008-0122
1820D 348.10 L2008-0831
1820E 348.10 L2008-0605
1820F 348.10 L2008-1791
18210 348.11 L2008-0413
18211 348.11 L2008-0607
18212 348.11 L2008-1801
18213 348.12 L2008-0614
18214 348.14 L2008-1879
18215 350.12 L2008-1196
18216 350.12 L2008-0706
18217 350.12 L2008-0787
18218 350.12 L2008-1760
18219 351.11 L2008-0160
1821A 352.6 L2008-0102
1821B 352.8 L2008-0786
1821C 352.12 L2008-0711
1821D 352.13 L2008-0284
1821E 352.14 L2008-0330
1821F 354.10 L2008-0515
18220 354.12 L2008-1655
18221 354.14 L2008-1057
18222 354.16 L2008-0193
18223 355.11 L2008-0215
18224 355.12 L2008-0232
18225 356.12 L2008-0671
18226 357.10 L2008-0701
18227 357.12 L2008-1332
18228 357.12 L2008-1747
18229 362.6 L2008-0100
1822A 362.11 L2008-1863
1822B 363.10 L2008-0546
1822C 363.10 L2008-1722
1822D 363.13 L2008-1684
1822E 364.11 L2008-0869
1822F 364.12 L2008-0589
18230 364.12 L2008-1690
18231 364.12 L2008-1728
18232 364.14 L2008-1386
18233 367.11 L2008-0469
18234 367.11 L2008-1837
18235 367.11 L2008-1561
18236 367.12 L2008-0472
18237 367.12 L2008-1567
18238 367.13 L2008-1568
18239 367.13 L2008-1553
1823A 368.10 L2008-2390
1823B 369.10 L2008-2924
1823C 369.12 L2008-2976
1823D 369.14 L2008-2392
1823E 369.14 L2008-2925
1823F 372.11 N1966-136-052
18240 372.11 L2008-2975
18241 372.13 L2008-1979
18242 372.14 L2008-1935
18243 373.9 L2008-3445
18244 373.10 L2008-2351
18245 373.10 L2008-2549
18246 373.11 L2008-3755
18247 373.13 L2008-3447
18248 373.13 L2008-3444
18249 375.7 L2008-4566
1824A 375.14 L2008-4666
1824B 376.6 L2008-4602
1824C 376.7 L2008-4607
1824D 376.10 L2008-4573
1824E 376.10 L2008-4640
1824F 376.10 L2008-4515
18250 376.11 L2008-4587
18251 376.11 L2008-4574
18252 376.11 L2008-4575
18253 376.11 L2008-4655
18254 376.11 L2008-4626
18255 376.12 L2008-4645
18256 376.12 L2008-4646
18257 376.12 L2008-4590
18258 376.12 L2008-4562
18259 376.13 L2008-4570
1825A 376.14 L2008-4641
1825B 376.15 L2008-4588

Code	Index	Source
18388	432.13	L2008-4929
18389	432.14	L2008-5009
1838A	432.14	L2008-4912
1838B	432.14	L2008-4876
1838C	432.14	L2008-5023
1838D	432.15	L2008-4890
1838E	432.16	L2008-4734
1838F	432.16	L2008-4714
18390	432.16	L2008-4827
18391	432.16	L2008-4983
18392	432.17	L2008-4802
18393	434.11	L2008-5224
18394	434.11	L2008-5385
18395	434.12	L2008-5338
18396	434.12	L2008-5337
18397	434.12	L2008-5667
18398	434.13	L2008-5242
18399	434.13	L2008-5454
1839A	434.13	L2008-5602
1839B	434.14	L2008-5340
1839C	434.14	L2008-5204
1839D	434.15	L2008-5767
1839E	434.15	L2008-5731
1839F	434.16	L2008-5766
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183A7	436.9	L2008-5156
183A8	436.9	L2008-5591
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183B3	436.10	L2008-5435
183B4	436.10	L2008-5313
183B5	436.10	L2008-5613
183B6	436.10	L2008-5308
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183B8	436.10	L2008-5371
183B9	436.10	L2008-5735
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183BC	436.10	L2008-5671
183BD	436.10	L2008-5686
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183BF	436.10	L2008-5160
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183C1	436.11	L2008-5448
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183C5	436.11	S1968-2650
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183C7	436.11	L2008-5452
183C8	436.11	L2008-5170
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183CE	436.11	L2008-5333
183CF	436.11	L2008-5317
183D0	436.11	L2008-5307
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183D2	436.11	L2008-5390
183D3	436.11	L2008-5383
183D4	436.11	L2008-5372
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183D8	436.11	L2008-5736
183D9	436.11	L2008-5582
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183E2	436.12	L2008-5177
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183E4	436.12	L2008-5221
183E5	436.12	L2008-5330
183E6	436.12	L2008-5183
183E7	436.12	L2008-5322
183E8	436.12	L2008-5655
183E9	436.12	L2008-5397
183EA	436.12	L2008-5654
183EB	436.12	L2008-5474

183EC 𗯬 436.12  L2008-5592	18400 𗰀 436.13  L2008-5233	18414 𗰔 436.13  L2008-5771	18428 𗰨 436.14  L2008-5584	1843C 𗱼 436.16  L2008-5484
183ED 𗯭 436.12  L2008-5343	18401 𗰁 436.13  L2008-5216	18415 𗰕 436.14  L2008-5184	18429 𗰩 436.14  L2008-5607	1843D 𗱽 436.16  L2008-5475
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183F1 𗯱 436.12  L2008-5391	18405 𗰅 436.13  L2008-5208	18419 𗰙 436.14  L2008-5334	1842D 𗰭 436.15  L2008-5487	18441 𗲁 436.16  L2008-5797
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183F4 𗯴 436.12  L2008-5788	18408 𗰈 436.13  L2008-5758	1841C 𗰜 436.14  L2008-6063	18430 𗰰 436.15  L2008-5312	18444 𗲄 436.16  L2008-5336
183F5 𗯵 436.12  L2008-5759	18409 𗰉 436.13  L2008-5791	1841D 𗰝 436.14  L2008-5339	18431 𗰱 436.15  L2008-5335	18445 𗲅 436.16  L2008-5631
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183F8 𗯸 436.12  L2008-5442	1840C 𗰌 436.13  L2008-5763	18420 𗰠 436.14  L2008-5377	18434 𗰴 436.15  L2008-5585	18448 𗲈 436.16  L2008-5188
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183FD 𗯽 436.13  L2008-5323	18411 𗰑 436.13  L2008-5445	18425 𗰥 436.14  L2008-5764	18439 𗰹 436.16  L2008-5229	1844D 𗲍 436.17  L2008-5770
183FE 𗯾 436.13  L2008-5478	18412 𗰒 436.13  L2008-5683	18426 𗰦 436.14  L2008-5729	1843A 𗰺 436.16  L2008-5461	1844E 𗲎 436.17  L2008-6069
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18456		1846A		1847E		18492		184A6	
436.20	L2008-5730	448.15	L2008-0417	453.10	L2008-0240	458.15	L2008-1428	461.11	L2008-1054
18457		1846B		1847F		18493		184A7	
437.9	L2008-4871	449.9	L2008-0404	453.11	L2008-0242	458.15	L2008-0975	461.13	L2008-0196
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437.10	L2008-4860	449.10	L2008-0615	453.11	L2008-0241	458.16	L2008-1167	461.13	L2008-0771
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442.8	L2008-0780	449.13	L2008-1806	458.10	L2008-1255	458.17	L2008-1199	462.10	L2008-5976
1845D		18471		18485		18499		184AD	
442.10	L2008-0246	449.14	L2008-0414	458.12	L2008-1025	458.17	L2008-1305	462.11	L2008-5833
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187D6 739.15  L2008-1031
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187D8 740.17  L2008-1041
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187DA 741.15  L2008-3957
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187E2 746.17  L2008-0373
187E3 748.12  L2008-0930
187E4 748.16  L2008-0487
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187E7 751.18  L2008-5794

187E8 752.18  L2008-5787
187E9 753.20  L2008-5779
187EA 755.16  L2008-4995
187EB 755.19  L2008-5205
187EC 755.20  L2008-5203
187ED 頁 195.14  L2012-6075
187EE 宇 308.14  L2012-6076
187EF 艸 415.13  L2012-6077
187F0 宇 308.17  UTN42-004
187F1 艸 415.11  UTN42-005
187F2 爻 42.15  UTN42-006
187F3 書 185.12  UTN42-007
187F4 存 73.11  UTN42-008
187F5 萬 383.18  UTN42-009
187F6 矛 79.14  UTN42-010
187F7 矛 79.19  UTN42-011

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A	1890A	1891A	1892A	1893A	1894A	1895A	1896A	1897A	1898A	1899A	189AA	189BA	189CA	189DA	189EA	189FA
B	1890B	1891B	1892B	1893B	1894B	1895B	1896B	1897B	1898B	1899B	189AB	189BB	189CB	189DB	189EB	189FB
C	1890C	1891C	1892C	1893C	1894C	1895C	1896C	1897C	1898C	1899C	189AC	189BC	189CC	189DC	189EC	189FC
D	1890D	1891D	1892D	1893D	1894D	1895D	1896D	1897D	1898D	1899D	189AD	189BD	189CD	189DD	189ED	189FD
E	1890E	1891E	1892E	1893E	1894E	1895E	1896E	1897E	1898E	1899E	189AE	189BE	189CE	189DE	189EE	189FE
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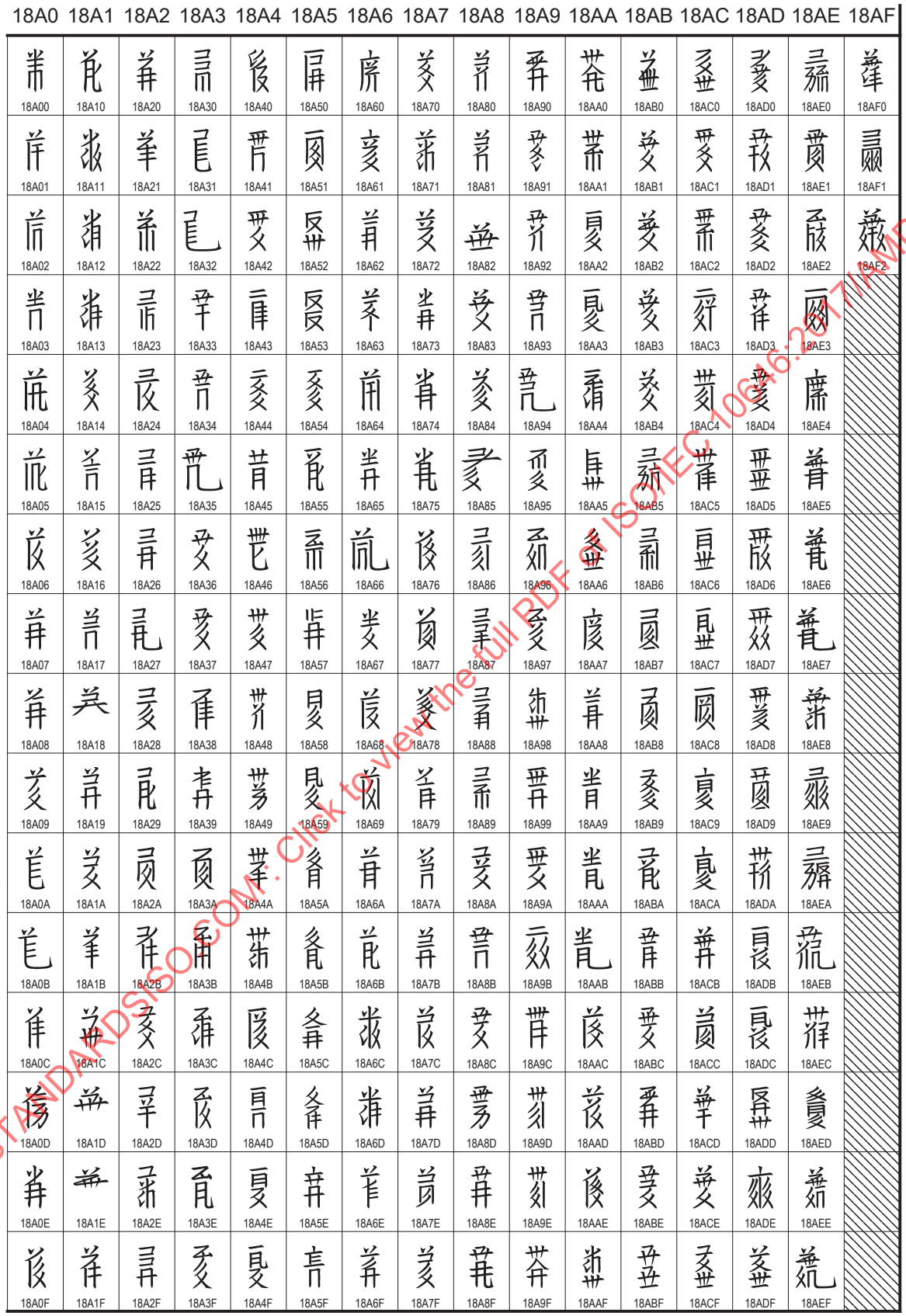


This is a superset of components used in various Tangut sources. Indexes of components (001..755) used for Tangut ideographs are shown in the Tangut block.

One-stroke components

18800 TANGUT COMPONENT-001
18801 TANGUT COMPONENT-002
18802 TANGUT COMPONENT-003
18803 TANGUT COMPONENT-004
18804 TANGUT COMPONENT-005
18805 TANGUT COMPONENT-006
18806 TANGUT COMPONENT-007
18807 TANGUT COMPONENT-008
18808 TANGUT COMPONENT-009
18809 TANGUT COMPONENT-010

Two-stroke components

1880A TANGUT COMPONENT-011
1880B TANGUT COMPONENT-012
1880C TANGUT COMPONENT-013
1880D TANGUT COMPONENT-014
1880E TANGUT COMPONENT-015
1880F TANGUT COMPONENT-016
18810 TANGUT COMPONENT-017
18811 TANGUT COMPONENT-018
18812 TANGUT COMPONENT-019
18813 TANGUT COMPONENT-020
18814 TANGUT COMPONENT-021
18815 TANGUT COMPONENT-022
18816 TANGUT COMPONENT-023
18817 TANGUT COMPONENT-024
18818 TANGUT COMPONENT-025
18819 TANGUT COMPONENT-026
1881A TANGUT COMPONENT-027
1881B TANGUT COMPONENT-028
1881C TANGUT COMPONENT-029
1881D TANGUT COMPONENT-030
1881E TANGUT COMPONENT-031
1881F TANGUT COMPONENT-032
18820 TANGUT COMPONENT-033
18821 TANGUT COMPONENT-034
18822 TANGUT COMPONENT-035
18823 TANGUT COMPONENT-036
18824 TANGUT COMPONENT-037
18825 TANGUT COMPONENT-038

Three-stroke components

18826 TANGUT COMPONENT-039
18827 TANGUT COMPONENT-040
18828 TANGUT COMPONENT-041
18829 TANGUT COMPONENT-042
1882A TANGUT COMPONENT-043
1882B TANGUT COMPONENT-044
1882C TANGUT COMPONENT-045
1882D TANGUT COMPONENT-046
1882E TANGUT COMPONENT-047
1882F TANGUT COMPONENT-048
18830 TANGUT COMPONENT-049
18831 TANGUT COMPONENT-050
18832 TANGUT COMPONENT-051
18833 TANGUT COMPONENT-052
18834 TANGUT COMPONENT-053
18835 TANGUT COMPONENT-054
18836 TANGUT COMPONENT-055
18837 TANGUT COMPONENT-056
18838 TANGUT COMPONENT-057
18839 TANGUT COMPONENT-058
1883A TANGUT COMPONENT-059
1883B TANGUT COMPONENT-060
1883C TANGUT COMPONENT-061
1883D TANGUT COMPONENT-062
1883E TANGUT COMPONENT-063
1883F TANGUT COMPONENT-064
18840 TANGUT COMPONENT-065
18841 TANGUT COMPONENT-066
18842 TANGUT COMPONENT-067
18843 TANGUT COMPONENT-068
18844 TANGUT COMPONENT-069
18845 TANGUT COMPONENT-070
18846 TANGUT COMPONENT-071
18847 TANGUT COMPONENT-072
18848 TANGUT COMPONENT-073
18849 TANGUT COMPONENT-074
1884A TANGUT COMPONENT-075
1884B TANGUT COMPONENT-076
1884C TANGUT COMPONENT-077
1884D TANGUT COMPONENT-078
1884E TANGUT COMPONENT-079
1884F TANGUT COMPONENT-080
18850 TANGUT COMPONENT-081
18851 TANGUT COMPONENT-082
18852 TANGUT COMPONENT-083
18853 TANGUT COMPONENT-084
18854 TANGUT COMPONENT-085
18855 TANGUT COMPONENT-086
18856 TANGUT COMPONENT-087
18857 TANGUT COMPONENT-088
18858 TANGUT COMPONENT-089
18859 TANGUT COMPONENT-090
1885A TANGUT COMPONENT-091
1885B TANGUT COMPONENT-092
1885C TANGUT COMPONENT-093
1885D TANGUT COMPONENT-094
1885E TANGUT COMPONENT-095
1885F TANGUT COMPONENT-096

Four-stroke components

18860 TANGUT COMPONENT-097
18861 TANGUT COMPONENT-098
18862 TANGUT COMPONENT-099
18863 TANGUT COMPONENT-100
18864 TANGUT COMPONENT-101
18865 TANGUT COMPONENT-102
18866 TANGUT COMPONENT-103
18867 TANGUT COMPONENT-104
18868 TANGUT COMPONENT-105
18869 TANGUT COMPONENT-106
1886A TANGUT COMPONENT-107
1886B TANGUT COMPONENT-108
1886C TANGUT COMPONENT-109
1886D TANGUT COMPONENT-110
1886E TANGUT COMPONENT-111
1886F TANGUT COMPONENT-112
18870 TANGUT COMPONENT-113
18871 TANGUT COMPONENT-114

18872 TANGUT COMPONENT-115
18873 TANGUT COMPONENT-116
18874 TANGUT COMPONENT-117
18875 TANGUT COMPONENT-118
18876 TANGUT COMPONENT-119
18877 TANGUT COMPONENT-120
18878 TANGUT COMPONENT-121
18879 TANGUT COMPONENT-122
1887A TANGUT COMPONENT-123
1887B TANGUT COMPONENT-124
1887C TANGUT COMPONENT-125
1887D TANGUT COMPONENT-126
1887E TANGUT COMPONENT-127
1887F TANGUT COMPONENT-128
18880 TANGUT COMPONENT-129
18881 TANGUT COMPONENT-130
18882 TANGUT COMPONENT-131
18883 TANGUT COMPONENT-132
18884 TANGUT COMPONENT-133
18885 TANGUT COMPONENT-134
18886 TANGUT COMPONENT-135
18887 TANGUT COMPONENT-136
18888 TANGUT COMPONENT-137
18889 TANGUT COMPONENT-138
1888A TANGUT COMPONENT-139
1888B TANGUT COMPONENT-140
1888C TANGUT COMPONENT-141
1888D TANGUT COMPONENT-142
1888E TANGUT COMPONENT-143
1888F TANGUT COMPONENT-144
18890 TANGUT COMPONENT-145
18891 TANGUT COMPONENT-146
18892 TANGUT COMPONENT-147
18893 TANGUT COMPONENT-148
18894 TANGUT COMPONENT-149
18895 TANGUT COMPONENT-150
18896 TANGUT COMPONENT-151
18897 TANGUT COMPONENT-152
18898 TANGUT COMPONENT-153
18899 TANGUT COMPONENT-154
1889A TANGUT COMPONENT-155
1889B TANGUT COMPONENT-156
1889C TANGUT COMPONENT-157
1889D TANGUT COMPONENT-158
1889E TANGUT COMPONENT-159
1889F TANGUT COMPONENT-160
188A0 TANGUT COMPONENT-161
188A1 TANGUT COMPONENT-162
188A2 TANGUT COMPONENT-163
188A3 TANGUT COMPONENT-164
188A4 TANGUT COMPONENT-165
188A5 TANGUT COMPONENT-166
188A6 TANGUT COMPONENT-167
188A7 TANGUT COMPONENT-168
188A8 TANGUT COMPONENT-169
188A9 TANGUT COMPONENT-170
188AA TANGUT COMPONENT-171
188AB TANGUT COMPONENT-172
188AC TANGUT COMPONENT-173
188AD TANGUT COMPONENT-174
188AE TANGUT COMPONENT-175
188AF TANGUT COMPONENT-176
188B0 TANGUT COMPONENT-177
188B1 TANGUT COMPONENT-178
188B2 TANGUT COMPONENT-179
188B3 TANGUT COMPONENT-180
188B4 TANGUT COMPONENT-181
188B5 TANGUT COMPONENT-182
188B6 TANGUT COMPONENT-183
188B7 TANGUT COMPONENT-184
188B8 TANGUT COMPONENT-185
188B9 TANGUT COMPONENT-186
188BA TANGUT COMPONENT-187
188BB TANGUT COMPONENT-188
188BC TANGUT COMPONENT-189
188BD TANGUT COMPONENT-190
188BE TANGUT COMPONENT-191
188BF TANGUT COMPONENT-192
188C0 TANGUT COMPONENT-193
188C1 TANGUT COMPONENT-194
188C2 TANGUT COMPONENT-195
188C3 TANGUT COMPONENT-196
188C4 TANGUT COMPONENT-197
188C5 TANGUT COMPONENT-198
188C6 TANGUT COMPONENT-199
188C7 TANGUT COMPONENT-200
188C8 TANGUT COMPONENT-201
188C9 TANGUT COMPONENT-202
188CA TANGUT COMPONENT-203
188CB TANGUT COMPONENT-204

Five-stroke components

188CC TANGUT COMPONENT-205
188CD TANGUT COMPONENT-206
188CE TANGUT COMPONENT-207
188CF TANGUT COMPONENT-208
188D0 TANGUT COMPONENT-209
188D1 TANGUT COMPONENT-210
188D2 TANGUT COMPONENT-211
188D3 TANGUT COMPONENT-212
188D4 TANGUT COMPONENT-213
188D5 TANGUT COMPONENT-214
188D6 TANGUT COMPONENT-215
188D7 TANGUT COMPONENT-216
188D8 TANGUT COMPONENT-217
188D9 TANGUT COMPONENT-218
188DA TANGUT COMPONENT-219
188DB TANGUT COMPONENT-220
188DC TANGUT COMPONENT-221
188DD TANGUT COMPONENT-222
188DE TANGUT COMPONENT-223
188DF TANGUT COMPONENT-224
188E0 TANGUT COMPONENT-225
188E1 TANGUT COMPONENT-226
188E2 TANGUT COMPONENT-227
188E3 TANGUT COMPONENT-228
188E4 TANGUT COMPONENT-229
188E5 TANGUT COMPONENT-230
188E6 TANGUT COMPONENT-231
188E7 TANGUT COMPONENT-232
188E8 TANGUT COMPONENT-233
188E9 TANGUT COMPONENT-234
188EA TANGUT COMPONENT-235
188EB TANGUT COMPONENT-236

188EC TANGUT COMPONENT-237
188ED TANGUT COMPONENT-238
188EE TANGUT COMPONENT-239
188EF TANGUT COMPONENT-240
188F0 TANGUT COMPONENT-241
188F1 TANGUT COMPONENT-242
188F2 TANGUT COMPONENT-243
188F3 TANGUT COMPONENT-244
188F4 TANGUT COMPONENT-245
188F5 TANGUT COMPONENT-246
188F6 TANGUT COMPONENT-247
188F7 TANGUT COMPONENT-248
188F8 TANGUT COMPONENT-249
188F9 TANGUT COMPONENT-250
188FA TANGUT COMPONENT-251
188FB TANGUT COMPONENT-252
188FC TANGUT COMPONENT-253
188FD TANGUT COMPONENT-254
188FE TANGUT COMPONENT-255
188FF TANGUT COMPONENT-256
18900 TANGUT COMPONENT-257
18901 TANGUT COMPONENT-258
18902 TANGUT COMPONENT-259
18903 TANGUT COMPONENT-260
18904 TANGUT COMPONENT-261
18905 TANGUT COMPONENT-262
18906 TANGUT COMPONENT-263
18907 TANGUT COMPONENT-264
18908 TANGUT COMPONENT-265
18909 TANGUT COMPONENT-266
1890A TANGUT COMPONENT-267
1890B TANGUT COMPONENT-268
1890C TANGUT COMPONENT-269
1890D TANGUT COMPONENT-270
1890E TANGUT COMPONENT-271
1890F TANGUT COMPONENT-272
18910 TANGUT COMPONENT-273
18911 TANGUT COMPONENT-274
18912 TANGUT COMPONENT-275
18913 TANGUT COMPONENT-276
18914 TANGUT COMPONENT-277
18915 TANGUT COMPONENT-278
18916 TANGUT COMPONENT-279
18917 TANGUT COMPONENT-280
18918 TANGUT COMPONENT-281
18919 TANGUT COMPONENT-282
1891A TANGUT COMPONENT-283
1891B TANGUT COMPONENT-284
1891C TANGUT COMPONENT-285
1891D TANGUT COMPONENT-286
1891E TANGUT COMPONENT-287
1891F TANGUT COMPONENT-288
18920 TANGUT COMPONENT-289
18921 TANGUT COMPONENT-290
18922 TANGUT COMPONENT-291
18923 TANGUT COMPONENT-292
18924 TANGUT COMPONENT-293
18925 TANGUT COMPONENT-294
18926 TANGUT COMPONENT-295
18927 TANGUT COMPONENT-296
18928 TANGUT COMPONENT-297
18929 TANGUT COMPONENT-298
1892A TANGUT COMPONENT-299
1892B TANGUT COMPONENT-300
1892C TANGUT COMPONENT-301
1892D TANGUT COMPONENT-302
1892E TANGUT COMPONENT-303
1892F TANGUT COMPONENT-304
18930 TANGUT COMPONENT-305
18931 TANGUT COMPONENT-306
18932 TANGUT COMPONENT-307
18933 TANGUT COMPONENT-308
18934 TANGUT COMPONENT-309
18935 TANGUT COMPONENT-310
18936 TANGUT COMPONENT-311
18937 TANGUT COMPONENT-312
18938 TANGUT COMPONENT-313
18939 TANGUT COMPONENT-314
1893A TANGUT COMPONENT-315
1893B TANGUT COMPONENT-316
1893C TANGUT COMPONENT-317
1893D TANGUT COMPONENT-318
1893E TANGUT COMPONENT-319
1893F TANGUT COMPONENT-320
18940 TANGUT COMPONENT-321
18941 TANGUT COMPONENT-322
18942 TANGUT COMPONENT-323
18943 TANGUT COMPONENT-324
18944 TANGUT COMPONENT-325
18945 TANGUT COMPONENT-326
18946 TANGUT COMPONENT-327
18947 TANGUT COMPONENT-328
18948 TANGUT COMPONENT-329
18949 TANGUT COMPONENT-330
1894A TANGUT COMPONENT-331
1894B TANGUT COMPONENT-332
1894C TANGUT COMPONENT-333
1894D TANGUT COMPONENT-334
1894E TANGUT COMPONENT-335
1894F TANGUT COMPONENT-336
18950 TANGUT COMPONENT-337
18951 TANGUT COMPONENT-338
18952 TANGUT COMPONENT-339
18953 TANGUT COMPONENT-340
18954 TANGUT COMPONENT-341
18955 TANGUT COMPONENT-342
18956 TANGUT COMPONENT-343
18957 TANGUT COMPONENT-344
18958 TANGUT COMPONENT-345

Six-stroke components

18959 TANGUT COMPONENT-346
1895A TANGUT COMPONENT-347
1895B TANGUT COMPONENT-348
1895C TANGUT COMPONENT-349
1895D TANGUT COMPONENT-350
1895E TANGUT COMPONENT-351
1895F TANGUT COMPONENT-352
18960 TANGUT COMPONENT-353
18961 TANGUT COMPONENT-354
18962 TANGUT COMPONENT-355
18963 TANGUT COMPONENT-356
18964 TANGUT COMPONENT-357
18965 TANGUT COMPONENT-358

18966 TANGUT COMPONENT-359
18967 TANGUT COMPONENT-360
18968 TANGUT COMPONENT-361
18969 TANGUT COMPONENT-362
1896A TANGUT COMPONENT-363
1896B TANGUT COMPONENT-364
1896C TANGUT COMPONENT-365
1896D TANGUT COMPONENT-366
1896E TANGUT COMPONENT-367
1896F TANGUT COMPONENT-368
18970 TANGUT COMPONENT-369
18971 TANGUT COMPONENT-370
18972 TANGUT COMPONENT-371
18973 TANGUT COMPONENT-372
18974 TANGUT COMPONENT-373
18975 TANGUT COMPONENT-374
18976 TANGUT COMPONENT-375
18977 TANGUT COMPONENT-376
18978 TANGUT COMPONENT-377
18979 TANGUT COMPONENT-378
1897A TANGUT COMPONENT-379
1897B TANGUT COMPONENT-380
1897C TANGUT COMPONENT-381
1897D TANGUT COMPONENT-382
1897E TANGUT COMPONENT-383
1897F TANGUT COMPONENT-384
18980 TANGUT COMPONENT-385
18981 TANGUT COMPONENT-386
18982 TANGUT COMPONENT-387
18983 TANGUT COMPONENT-388
18984 TANGUT COMPONENT-389
18985 TANGUT COMPONENT-390
18986 TANGUT COMPONENT-391
18987 TANGUT COMPONENT-392
18988 TANGUT COMPONENT-393
18989 TANGUT COMPONENT-394
1898A TANGUT COMPONENT-395
1898B TANGUT COMPONENT-396
1898C TANGUT COMPONENT-397
1898D TANGUT COMPONENT-398
1898E TANGUT COMPONENT-399
1898F TANGUT COMPONENT-400
18990 TANGUT COMPONENT-401
18991 TANGUT COMPONENT-402
18992 TANGUT COMPONENT-403
18993 TANGUT COMPONENT-404
18994 TANGUT COMPONENT-405
18995 TANGUT COMPONENT-406
18996 TANGUT COMPONENT-407
18997 TANGUT COMPONENT-408
18998 TANGUT COMPONENT-409
18999 TANGUT COMPONENT-410
1899A TANGUT COMPONENT-411
1899B TANGUT COMPONENT-412
1899C TANGUT COMPONENT-413
1899D TANGUT COMPONENT-414
1899E TANGUT COMPONENT-415
1899F TANGUT COMPONENT-416
189A0 TANGUT COMPONENT-417
189A1 TANGUT COMPONENT-418
189A2 TANGUT COMPONENT-419
189A3 TANGUT COMPONENT-420
189A4 TANGUT COMPONENT-421
189A5 TANGUT COMPONENT-422
189A6 TANGUT COMPONENT-423
189A7 TANGUT COMPONENT-424
189A8 TANGUT COMPONENT-425
189A9 TANGUT COMPONENT-426
189AA TANGUT COMPONENT-427
189AB TANGUT COMPONENT-428
189AC TANGUT COMPONENT-429
189AD TANGUT COMPONENT-430
189AE TANGUT COMPONENT-431
189AF TANGUT COMPONENT-432
189B0 TANGUT COMPONENT-433
189B1 TANGUT COMPONENT-434
189B2 TANGUT COMPONENT-435
189B3 TANGUT COMPONENT-436
189B4 TANGUT COMPONENT-437
189B5 TANGUT COMPONENT-438
189B6 TANGUT COMPONENT-439
189B7 TANGUT COMPONENT-440
189B8 TANGUT COMPONENT-441
189B9 TANGUT COMPONENT-442
189BA TANGUT COMPONENT-443
189BB TANGUT COMPONENT-444
189BC TANGUT COMPONENT-445
189BD TANGUT COMPONENT-446
189BE TANGUT COMPONENT-447
189BF TANGUT COMPONENT-448
189C0 TANGUT COMPONENT-449
189C1 TANGUT COMPONENT-450
189C2 TANGUT COMPONENT-451
189C3 TANGUT COMPONENT-452
189C4 TANGUT COMPONENT-453
189C5 TANGUT COMPONENT-454
189C6 TANGUT COMPONENT-455
189C7 TANGUT COMPONENT-456
189C8 TANGUT COMPONENT-457
189C9 TANGUT COMPONENT-458
189CA TANGUT COMPONENT-459
189CB TANGUT COMPONENT-460
189CC TANGUT COMPONENT-461
189CD TANGUT COMPONENT-462
189CE TANGUT COMPONENT-463
189CF TANGUT COMPONENT-464
189D0 TANGUT COMPONENT-465
189D1 TANGUT COMPONENT-466
189D2 TANGUT COMPONENT-467
189D3 TANGUT COMPONENT-468
189D4 TANGUT COMPONENT-469
189D5 TANGUT COMPONENT-470
189D6 TANGUT COMPONENT-471
189D7 TANGUT COMPONENT-472
189D8 TANGUT COMPONENT-473
189D9 TANGUT COMPONENT-474
189DA TANGUT COMPONENT-475

Seven-stroke components

189DB TANGUT COMPONENT-476
189DC TANGUT COMPONENT-477
189DD TANGUT COMPONENT-478
189DE TANGUT COMPONENT-479
189DF TANGUT COMPONENT-480

189E0 TANGUT COMPONENT-481
189E1 TANGUT COMPONENT-482
189E2 TANGUT COMPONENT-483
189E3 TANGUT COMPONENT-484
189E4 TANGUT COMPONENT-485
189E5 TANGUT COMPONENT-486
189E6 TANGUT COMPONENT-487
189E7 TANGUT COMPONENT-488
189E8 TANGUT COMPONENT-489
189E9 TANGUT COMPONENT-490
189EA TANGUT COMPONENT-491
189EB TANGUT COMPONENT-492
189EC TANGUT COMPONENT-493
189ED TANGUT COMPONENT-494
189EE TANGUT COMPONENT-495
189EF TANGUT COMPONENT-496
189F0 TANGUT COMPONENT-497
189F1 TANGUT COMPONENT-498
189F2 TANGUT COMPONENT-499
189F3 TANGUT COMPONENT-500
189F4 TANGUT COMPONENT-501
189F5 TANGUT COMPONENT-502
189F6 TANGUT COMPONENT-503
189F7 TANGUT COMPONENT-504
189F8 TANGUT COMPONENT-505
189F9 TANGUT COMPONENT-506
189FA TANGUT COMPONENT-507
189FB TANGUT COMPONENT-508
189FC TANGUT COMPONENT-509
189FD TANGUT COMPONENT-510
189FE TANGUT COMPONENT-511
189FF TANGUT COMPONENT-512
18A00 TANGUT COMPONENT-513
18A01 TANGUT COMPONENT-514
18A02 TANGUT COMPONENT-515
18A03 TANGUT COMPONENT-516
18A04 TANGUT COMPONENT-517
18A05 TANGUT COMPONENT-518
18A06 TANGUT COMPONENT-519
18A07 TANGUT COMPONENT-520
18A08 TANGUT COMPONENT-521
18A09 TANGUT COMPONENT-522
18A0A TANGUT COMPONENT-523
18A0B TANGUT COMPONENT-524
18A0C TANGUT COMPONENT-525
18A0D TANGUT COMPONENT-526
18A0E TANGUT COMPONENT-527
18A0F TANGUT COMPONENT-528
18A10 TANGUT COMPONENT-529
18A11 TANGUT COMPONENT-530
18A12 TANGUT COMPONENT-531
18A13 TANGUT COMPONENT-532
18A14 TANGUT COMPONENT-533
18A15 TANGUT COMPONENT-534
18A16 TANGUT COMPONENT-535
18A17 TANGUT COMPONENT-536
18A18 TANGUT COMPONENT-537
18A19 TANGUT COMPONENT-538
18A1A TANGUT COMPONENT-539
18A1B TANGUT COMPONENT-540
18A1C TANGUT COMPONENT-541
18A1D TANGUT COMPONENT-542
18A1E TANGUT COMPONENT-543
18A1F TANGUT COMPONENT-544
18A20 TANGUT COMPONENT-545
18A21 TANGUT COMPONENT-546
18A22 TANGUT COMPONENT-547
18A23 TANGUT COMPONENT-548
18A24 TANGUT COMPONENT-549
18A25 TANGUT COMPONENT-550
18A26 TANGUT COMPONENT-551
18A27 TANGUT COMPONENT-552
18A28 TANGUT COMPONENT-553
18A29 TANGUT COMPONENT-554
18A2A TANGUT COMPONENT-555
18A2B TANGUT COMPONENT-556
18A2C TANGUT COMPONENT-557
18A2D TANGUT COMPONENT-558
18A2E TANGUT COMPONENT-559
18A2F TANGUT COMPONENT-560
18A30 TANGUT COMPONENT-561
18A31 TANGUT COMPONENT-562
18A32 TANGUT COMPONENT-563
18A33 TANGUT COMPONENT-564
18A34 TANGUT COMPONENT-565
18A35 TANGUT COMPONENT-566
18A36 TANGUT COMPONENT-567
18A37 TANGUT COMPONENT-568
18A38 TANGUT COMPONENT-569
18A39 TANGUT COMPONENT-570
18A3A TANGUT COMPONENT-571
18A3B TANGUT COMPONENT-572
18A3C TANGUT COMPONENT-573
18A3D TANGUT COMPONENT-574
18A3E TANGUT COMPONENT-575
18A3F TANGUT COMPONENT-576
18A40 TANGUT COMPONENT-577

Eight-stroke components

18A41 TANGUT COMPONENT-578
18A42 TANGUT COMPONENT-579
18A43 TANGUT COMPONENT-580
18A44 TANGUT COMPONENT-581
18A45 TANGUT COMPONENT-582
18A46 TANGUT COMPONENT-583
18A47 TANGUT COMPONENT-584
18A48 TANGUT COMPONENT-585
18A49 TANGUT COMPONENT-586
18A4A TANGUT COMPONENT-587
18A4B TANGUT COMPONENT-588
18A4C TANGUT COMPONENT-589
18A4D TANGUT COMPONENT-590
18A4E TANGUT COMPONENT-591
18A4F TANGUT COMPONENT-592
18A50 TANGUT COMPONENT-593
18A51 TANGUT COMPONENT-594
18A52 TANGUT COMPONENT-595
18A53 TANGUT COMPONENT-596
18A54 TANGUT COMPONENT-597
18A55 TANGUT COMPONENT-598
18A56 TANGUT COMPONENT-599
18A57 TANGUT COMPONENT-600
18A58 TANGUT COMPONENT-601
18A59 TANGUT COMPONENT-602

18A5A TANGUT COMPONENT-603
18A5B TANGUT COMPONENT-604
18A5C TANGUT COMPONENT-605
18A5D TANGUT COMPONENT-606
18A5E TANGUT COMPONENT-607
18A5F TANGUT COMPONENT-608
18A60 TANGUT COMPONENT-609
18A61 TANGUT COMPONENT-610
18A62 TANGUT COMPONENT-611
18A63 TANGUT COMPONENT-612
18A64 TANGUT COMPONENT-613
18A65 TANGUT COMPONENT-614
18A66 TANGUT COMPONENT-615
18A67 TANGUT COMPONENT-616
18A68 TANGUT COMPONENT-617
18A69 TANGUT COMPONENT-618
18A6A TANGUT COMPONENT-619
18A6B TANGUT COMPONENT-620
18A6C TANGUT COMPONENT-621
18A6D TANGUT COMPONENT-622
18A6E TANGUT COMPONENT-623
18A6F TANGUT COMPONENT-624
18A70 TANGUT COMPONENT-625
18A71 TANGUT COMPONENT-626
18A72 TANGUT COMPONENT-627
18A73 TANGUT COMPONENT-628
18A74 TANGUT COMPONENT-629
18A75 TANGUT COMPONENT-630
18A76 TANGUT COMPONENT-631
18A77 TANGUT COMPONENT-632
18A78 TANGUT COMPONENT-633
18A79 TANGUT COMPONENT-634
18A7A TANGUT COMPONENT-635
18A7B TANGUT COMPONENT-636
18A7C TANGUT COMPONENT-637
18A7D TANGUT COMPONENT-638
18A7E TANGUT COMPONENT-639
18A7F TANGUT COMPONENT-640
18A80 TANGUT COMPONENT-641
18A81 TANGUT COMPONENT-642
18A82 TANGUT COMPONENT-643
18A83 TANGUT COMPONENT-644
18A84 TANGUT COMPONENT-645
18A85 TANGUT COMPONENT-646
18A86 TANGUT COMPONENT-647
18A87 TANGUT COMPONENT-648
18A88 TANGUT COMPONENT-649
18A89 TANGUT COMPONENT-650
18A8A TANGUT COMPONENT-651
18A8B TANGUT COMPONENT-652
18A8C TANGUT COMPONENT-653
18A8D TANGUT COMPONENT-654
18A8E TANGUT COMPONENT-655
18A8F TANGUT COMPONENT-656
18A90 TANGUT COMPONENT-657
18A91 TANGUT COMPONENT-658
18A92 TANGUT COMPONENT-659
18A93 TANGUT COMPONENT-660
18A94 TANGUT COMPONENT-661
18A95 TANGUT COMPONENT-662
18A96 TANGUT COMPONENT-663
18A97 TANGUT COMPONENT-664
18A98 TANGUT COMPONENT-665

Nine-stroke components

18A99 TANGUT COMPONENT-666
18A9A TANGUT COMPONENT-667
18A9B TANGUT COMPONENT-668
18A9C TANGUT COMPONENT-669
18A9D TANGUT COMPONENT-670
18A9E TANGUT COMPONENT-671
18A9F TANGUT COMPONENT-672
18AA0 TANGUT COMPONENT-673
18AA1 TANGUT COMPONENT-674
18AA2 TANGUT COMPONENT-675
18AA3 TANGUT COMPONENT-676
18AA4 TANGUT COMPONENT-677
18AA5 TANGUT COMPONENT-678
18AA6 TANGUT COMPONENT-679
18AA7 TANGUT COMPONENT-680
18AA8 TANGUT COMPONENT-681
18AA9 TANGUT COMPONENT-682
18AAA TANGUT COMPONENT-683
18AAB TANGUT COMPONENT-684
18AAC TANGUT COMPONENT-685
18AAD TANGUT COMPONENT-686
18AAE TANGUT COMPONENT-687
18AAF TANGUT COMPONENT-688
18AB0 TANGUT COMPONENT-689
18AB1 TANGUT COMPONENT-690
18AB2 TANGUT COMPONENT-691
18AB3 TANGUT COMPONENT-692
18AB4 TANGUT COMPONENT-693
18AB5 TANGUT COMPONENT-694
18AB6 TANGUT COMPONENT-695
18AB7 TANGUT COMPONENT-696
18AB8 TANGUT COMPONENT-697
18AB9 TANGUT COMPONENT-698
18ABA TANGUT COMPONENT-699
18ABB TANGUT COMPONENT-700
18ABC TANGUT COMPONENT-701
18ABD TANGUT COMPONENT-702
18ABE TANGUT COMPONENT-703
18ABF TANGUT COMPONENT-704
18AC0 TANGUT COMPONENT-705

Ten-stroke components

18AC1 TANGUT COMPONENT-706
18AC2 TANGUT COMPONENT-707
18AC3 TANGUT COMPONENT-708
18AC4 TANGUT COMPONENT-709
18AC5 TANGUT COMPONENT-710
18AC6 TANGUT COMPONENT-711
18AC7 TANGUT COMPONENT-712
18AC8 TANGUT COMPONENT-713
18AC9 TANGUT COMPONENT-714
18ACA TANGUT COMPONENT-715
18ACB TANGUT COMPONENT-716
18ACC TANGUT COMPONENT-717
18ACD TANGUT COMPONENT-718
18ACE TANGUT COMPONENT-719
18ACF TANGUT COMPONENT-720
18AD0 TANGUT COMPONENT-721
18AD1 TANGUT COMPONENT-722
18AD2 TANGUT COMPONENT-723

18AD3 TANGUT COMPONENT-724
18AD4 TANGUT COMPONENT-725

Eleven-stroke components

18AD5 TANGUT COMPONENT-726
18AD6 TANGUT COMPONENT-727
18AD7 TANGUT COMPONENT-728
18AD8 TANGUT COMPONENT-729
18AD9 TANGUT COMPONENT-730
18ADA TANGUT COMPONENT-731
18ADB TANGUT COMPONENT-732
18ADC TANGUT COMPONENT-733
18ADD TANGUT COMPONENT-734
18ADE TANGUT COMPONENT-735
18ADF TANGUT COMPONENT-736
18AE0 TANGUT COMPONENT-737
18AE1 TANGUT COMPONENT-738
18AE2 TANGUT COMPONENT-739

Twelve-stroke components

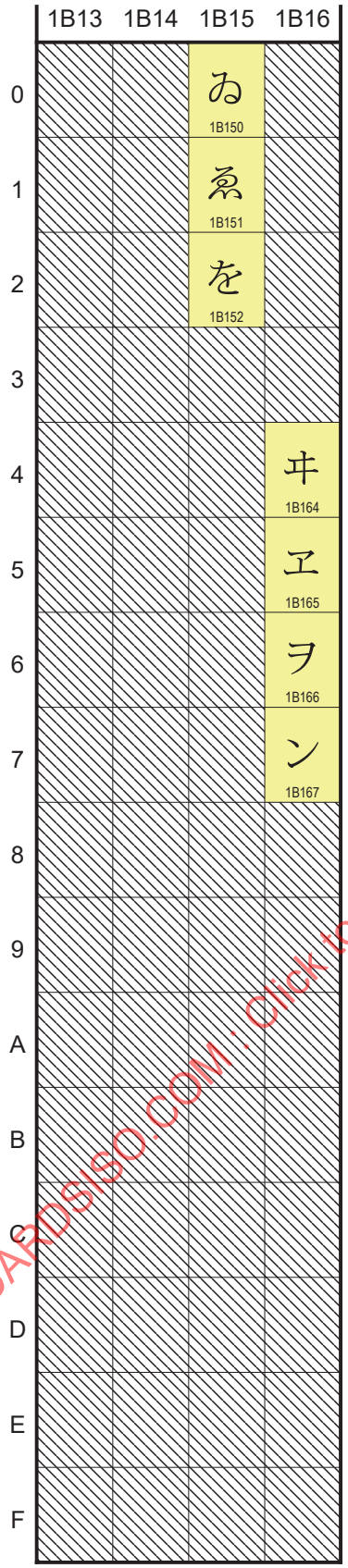
18AE3 TANGUT COMPONENT-740
18AE4 TANGUT COMPONENT-741
18AE5 TANGUT COMPONENT-742
18AE6 TANGUT COMPONENT-743
18AE7 TANGUT COMPONENT-744
18AE8 TANGUT COMPONENT-745
18AE9 TANGUT COMPONENT-746
18AEA TANGUT COMPONENT-747
18AEB TANGUT COMPONENT-748

Thirteen-stroke components

18AEC TANGUT COMPONENT-749
18AED TANGUT COMPONENT-750
18AEE TANGUT COMPONENT-751
18AEF TANGUT COMPONENT-752
18AF0 TANGUT COMPONENT-753
18AF1 TANGUT COMPONENT-754

Sixteen-stroke component

18AF2 TANGUT COMPONENT-755



Historic small hiragana letters

1B150	ゐ	HIRAGANA LETTER SMALL WI
1B151	ゑ	HIRAGANA LETTER SMALL WE
1B152	を	HIRAGANA LETTER SMALL WO

Historic small katakana letters

1B164	ヰ	KATAKANA LETTER SMALL WI
1B165	ヱ	KATAKANA LETTER SMALL WE
1B166	ヲ	KATAKANA LETTER SMALL WO
1B167	ン	KATAKANA LETTER SMALL N

	1E10	1E11	1E12	1E13	1E14
0	1E100	1E110	1E120	1E130	1E140
1	1E101	1E111	1E121	1E131	1E141
2	1E102	1E112	1E122	1E132	1E142
3	1E103	1E113	1E123	1E133	1E143
4	1E104	1E114	1E124	1E134	1E144
5	1E105	1E115	1E125	1E135	1E145
6	1E106	1E116	1E126	1E136	1E146
7	1E107	1E117	1E127	1E137	1E147
8	1E108	1E118	1E128	1E138	1E148
9	1E109	1E119	1E129	1E139	1E149
A	1E10A	1E11A	1E12A	1E13A	
B	1E10B	1E11B	1E12B	1E13B	
C	1E10C	1E11C	1E12C	1E13C	
D	1E10D	1E11D		1E13D	
E	1E10E	1E11E			1E14E
F	1E10F	1E11F			1E14F