

Universal Multiple-Octet Coded Character Set
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Executive Summary. This proposal is to add 99 characters to a block: 1E200-1E26F in the supplementary plane, named Western Cham. The proposal is a modification of L2/16-198 (N4734) and while largely in harmony with it does remove some proposed characters

Introduction. Eastern Cham is already encoded in the range AA00-AA5F. As stated in N4734, Western Cham while closely related to Eastern Cham, is sufficiently different in style for Eastern Cham characters in plain text to be unintelligible to Western Cham readers and therefore a separate block is required. The proposal in N4734 has been closely reviewed by script experts and community leaders among the Western Cham in Cambodia and this proposal arises from their considerations. Where a direct correspondance exists between a Western Cham character and an Eastern Cham character, the character is encoded in a corresponding position in the Western Cham block. Extra final characters are used in Western Cham for words borrowed from Khmer. Special ligatures and symbols are also added. These result in the Western Cham block needing an extra column over Eastern Cham.

The Western Cham language is written in 3 scripts: Arabic (Jawi), Western Cham and some informal Latin Romanizations. Speakers of the Western Cham language are found almost entirely in Cambodia. There are small pockets of speakers in Vietnam, but they do not use the Western Cham script, only the Jawi script.

Repertoire. There are various extra characters for addition to Western Cham and some proposed for removal from the existing proposals. They consist of a few different categories. In this discussion, codes presented in italics are for characters not present in the chart (even if the code is used for a different character). They are used for discussion of deleted characters based on their alignment with Eastern Cham.

1. *U+1E241* (FINAL G) is a borrowed sound into Eastern Cham from the surrounding Vietnamese. There is no such sound in Khmer and so Western Cham has no need for this sound. Thus we remove the character and *U+1E240* (FINAL K) may be used instead.
2. *U+1E243* (FINAL NG) and *U+1E22E* (VOWEL OE) are identical glyphs in Western Cham and are considered the same character by Western Cham users. To avoid confusion we remove *U+1E243* (FINAL NG) and keep *U+1E22E* (VOWEL OE OR FINAL NG) to act for both functions. This means that *U+1E22E* (VOWEL OE OR FINAL NG) may occur twice as in ^{្រ} *U+1E221* (LETTER BBA) *U+1E22E* (VOWEL OE OR FINAL NG) *U+1E22E* (VOWEL OE OR FINAL NG). Also, in order for there to be a consistent location for the character in a diacritic sequence it is stored after any final vowels. See the following section on combining order.
3. The 5 characters from N4734, *U+1E23B* (FINAL PH) ... *U+1E23F* (FINAL S) were proposed to represent final sounds only occurring in Khmer words that have been borrowed into Western Cham. Of these *U+1E23C* (FINAL B) and *U+1E23D* (FINAL M) have been found to be redundant by the Western Cham community in Cambodia. *U+1E23C* (FINAL B) may be represented by *U+1E247* (FINAL P) and *U+1E23D* (FINAL M) by *U+1E24C* (SIGN FINAL M). We close the gap, thus *U+1E23B* (FINAL PH) from N4734 becomes *U+1E23D* (FINAL PH).

4. The 6 textual symbols U+1E260 (SIGN TANA TAMAT PHON) ... U+1E265 (SIGN ARABIC END) are textual symbols with discourse functions. Specifically:

Codepoint	Character name	Glyph	Description	Script
1E260	SIGN TANA TAMA PHON	⤵	Closing Korannic quotation	Arabic
1E261	SIGN TANA CHAPEDAEM PHON	ᄒ	Section beginning	Cham
1E262	SIGN TANA CHAPEDAEM IU	ᄒ	Alternate section beginning	Cham
1E263	SIGN TANA TAMAT AYET	⦿	Closing affirmation	Arabic
1E264	SIGN TANA TAMAT TAKUE	⦿	Closing chants	Arabic
1E265	SIGN ARABIC END	⦿	Closing text	Arabic

In styling, U+1E260 (SIGN TANA TAMA PHON) and U+1E262 (SIGN TANA CHAPEDAEM IU) may lose their dotted outline and U+1E261 (SIGN TANA CHAPEDAEM PHON) may gain one. The script indication for each symbol gives its script context. Arabic script symbols occur in Western Cham script, but often at the boundary of some Arabic text either in Arabic language or Western Cham language. But as can be seen in the examples, some symbols claiming to be used for Arabic script also get used in Western Cham script. It is felt, therefore, best to encode these as part of a Western Cham block and to allow their use in Arabic script.

5. There are three special ligatures, after Arabic style ligatures, which have contrasting rendering with the normal sequence. Both the ligature and the normal sequence may occur in text. The sequence is the compatibility normal form for the ligature.

Codepoint	Character name	Glyph	Sequence	Glyphs
1E23A	CONSONANT SIGN BRAY	ᄒ	1E21D 1E234 1E22C	ᄒᄒᄒ
1E23B	LETTER NAN	ᄒᄒᄒ	1E217 1E246	ᄒᄒᄒ
1E23C	CONSONANT SIGN SHALOM	ᄒᄒᄒ	1E227 1E224 1E24C	ᄒᄒᄒ

All other ligatures are rendered the same as their character sequence.

6. U+1E25B (SIGN TANA PATOK SAP) reduplication mark and U+1E25C (PUNCTUATION SPIRAL) ‘one’ or ‘first’ are the same as in N4374. Note that while U+1E25C (PUNCTUATION SPIRAL) has lexical value, it takes no diacritics.
7. U+1E237 (CONSONANT SIGN TKAJ KA) is an abstract character that only ever ligates with the previous character. It does not occur following a vowel and so acts like a vowel, and is not followed by a final letter either. Ligated sequences involving U+1E237 have a visual similarity to those using U+1E24D (CONSONANT SIGN FINAL H). For example:

Sequence	Glyphs	Meaning	Sequence	Glyphs	Meaning
1E206 1E237	ᄒᄒ	tie	1E206 1E24D	ᄒᄒ	push away
1E208 1E237	ᄒᄒ	stutter	1E208 1E24D	ᄒᄒ	side

U+1E24D (CONSONANT SIGN FINAL H) may occur following a vowel as in ᄒᄒᄒ.

8. The character U+1E25A (SIGN MOON TEN) is used when describing days in the lunar calendar. U+1E24C (FINAL M) is used together with a digit to mark the days after a full moon, e.g. ᄒᄒ U+1E251 (DIGIT 1) U+1E24C (FINAL M) for the first day after the full moon. U+1E25A (SIGN MOON TEN) is used for the 10s digit in such contexts: thus ᄒᄒ U+1E25A (SIGN MOON TEN) U+1E251 (DIGIT 1) U+1E24C (FINAL M) for the eleventh day after a full moon. The new moon occurs on day 14 or 15. The days after the new moon work in the same way but are marked with U+1E22E (SIGN OE) instead of U+1E24C (FINAL M), with the full moon occurring on day 15. For example 10 days after a full moon is represented by ᄒᄒ U+1E25A (SIGN MOON TEN) U+1E22E (SIGN OE).

U+1E25A (SIGN MOON TEN) is not a digit, in that it has no numeric value.

- Western Cham has special characters that can be used for indicating month names. They are based on the transliterated month name into Arabic followed by 1 to 7 dots. The order of the months is U+1E26D (LUNAR 7 DOTS), U+1E267 (LUNAR 2 DOTS), U+1E268 (LUNAR 3 DOTS), U+1E26A (LUNAR 5 DOTS), U+1E26C (LUNAR 6 DOTS), U+1E266 (LUNAR 1 DOT), U+1E267 (LUNAR 2 DOTS), U+1E269 (LUNAR 4 DOTS), U+1E26A (LUNAR 5 DOTS), U+1E26D (LUNAR 7 DOTS), U+1E266 (LUNAR 1 DOT), U+1E269 (LUNAR 4 DOTS). Notice the repetitions in the order. These symbols are used both in Western Cham script and also in Arabic script, when writing Western Cham.

In addition, there are two forms of the lunar 5 dots, that occur in free variation in a text, hence U+1E26B (LUNAR 5 DOTS OVER HAH).

- The characters at *U+1E20B*, *U+1E211* and *U+1E22D* do not occur in Western Cham. The slots are kept to keep character alignment with the Eastern Cham encoding.
- The characters that would be at *U+1E203* and *U+1E204*, if directly corresponding to Eastern Cham, have no contrastive shape from their corresponding sequences, unlike in Eastern Cham where a visual contrast is evident. Thus

Potential Codepoint and Eastern Cham Correspondance	Sequence	Glyphs
<i>1E203</i> (AA03)	1E201 1E22F	𑜀𑜂𑜆
<i>1E204</i> (AA04)	1E201 1E230	𑜀𑜂𑜆

Note that if such a letter were followed by a medial as in *1E203 1E234*, the corresponding sequence would be 1E201 1E234 1E22F, which also appropriately resolves the shaping issue.

Confusability. The Western Cham alphabet has a number of characters that are visually equivalent to letter sequences. These sequences can occur in text and font designers are advised to ensure a visual contrast to avoid confusion.

Codepoint	Character name	Glyph	Sample Word Sequence	Glyphs	Meaning
1E201	LETTER I	𑜀	1E224 1E237	𑜀	<i>does not occur</i>
1E256	DIGIT SIX	𑜁	1E223 1E236 1E24D	𑜁𑜂𑜆	choose
1E257	DIGIT SEVEN	𑜂	1E223 1E237 1E240	𑜂𑜃𑜆	veil
1E259	DIGIT NINE	𑜃	1E21D 1E237	𑜃	carry (on shoulder)

In addition, U+1E251 (DIGIT ONE) can be confusable with U+1E24D (FINAL H) in some fonts, although a good font will endeavour to contrast them.

Variants. There are two ‘literary’ variants for a pair of vowels. Such variants are used in religious and ethical texts. The examples are shown following an arbitrary base character of U+1E223 (RA).

Sequence	Normal	Literary variant
1E223 1E232 1E22E	𑜁𑜂𑜆𑜃	𑜁𑜂𑜆𑜃
1E223 1E233 1E229	𑜁𑜂𑜆𑜃	𑜁𑜂𑜆𑜃

Spelling. The details of the relative ordering of marks in a sequence are listed in the section on character properties. Here we list some exemplar spellings.

Word	Spelling	Notes
ᩈᩢ᩠ᨦᩈᩢ᩠ᨦ	1E21A 1E214 1E233 1E230	Pre vowels go before the last initial.
ᩈᩢ᩠ᨦ	1E206 1E232 1E22E	No visual difference based on order.
ᩈᩢ᩠ᨦᩈᩢ᩠ᨦ	1E215 1E223 1E229 1E22E	Interaction between upper and final vowels.
ᩈᩢ᩠ᨦᩈᩢ᩠ᨦ	1E200 1E233 1E229	Interaction between following medial and following vowel.
ᩈᩢ᩠ᨦ	1E253 1E22E	For lunar days, also 1E24C

Layout. Text is laid out left to right, although due to mixing with Arabic script, regularly occurs in a bidirectional context. There are no word spaces in Western Cham. Spaces are a discourse marker as per Khmer. Western Cham follows other Indic fonts in considering base characters as hanging from a baseline rather than building up from one. This even applies to the use of Arabic shapes in Western Cham symbols.

Punctuation. In addition to specific Western Cham punctuation marks, the script also borrows punctuation from other scripts. Regular use is made of Western European punctuation: « U+00AB (LEFT-POINTING DOUBLE ANGLE QUOTATION MARK), » U+00BB (RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK), “ U+201C (LEFT DOUBLE QUOTATION MARK), ” U+201D (RIGHT DOUBLE QUOTATION MARK), ‘ U+2018 (LEFT SINGLE QUOTATION MARK), ’ U+2019 (RIGHT QUOTATION MARK), ? U+003F (QUESTION MARK), ! U+0021 (EXCLAMATION MARK), (U+0028 (LEFT PARENTHESIS),) U+0029 (RIGHT PARENTHESIS), [U+005B (LEFT SQUARE BRACKET),] U+005D (RIGHT SQUARE BRACKET).

In addition: † U+0964 (DEVANAGARI DANDA), †† U+0965 (DEVANAGARI DOUBLE DANDA).

Unicode Properties. These are the Unicode database properties for the characters proposed.

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1E200;WESTERN CHAM LETTER A;Lo;0;L;;;;;N;;;;;
1E201;WESTERN CHAM LETTER E;Lo;0;L;;;;;N;;;;;
1E202;WESTERN CHAM LETTER O;Lo;0;L;;;;;N;;;;;
1E205;WESTERN CHAM LETTER OS;Lo;0;L;;;;;N;;;;;
1E206;WESTERN CHAM LETTER KA;Lo;0;L;;;;;N;;;;;
1E207;WESTERN CHAM LETTER KHA;Lo;0;L;;;;;N;;;;;
1E208;WESTERN CHAM LETTER GA;Lo;0;L;;;;;N;;;;;
1E209;WESTERN CHAM LETTER KHAA;Lo;0;L;;;;;N;;;;;
1E20A;WESTERN CHAM LETTER NGUE;Lo;0;L;;;;;N;;;;;
1E20C;WESTERN CHAM LETTER CHA;Lo;0;L;;;;;N;;;;;
1E20D;WESTERN CHAM LETTER CHHA;Lo;0;L;;;;;N;;;;;
1E20E;WESTERN CHAM LETTER JA;Lo;0;L;;;;;N;;;;;
1E20F;WESTERN CHAM LETTER JHA;Lo;0;L;;;;;N;;;;;
1E210;WESTERN CHAM LETTER NHUE;Lo;0;L;;;;;N;;;;;
1E212;WESTERN CHAM LETTER NHJA;Lo;0;L;;;;;N;;;;;
1E213;WESTERN CHAM LETTER TA;Lo;0;L;;;;;N;;;;;
1E214;WESTERN CHAM LETTER THA;Lo;0;L;;;;;N;;;;;
1E215;WESTERN CHAM LETTER DA;Lo;0;L;;;;;N;;;;;
1E216;WESTERN CHAM LETTER PHAA;Lo;0;L;;;;;N;;;;;
1E217;WESTERN CHAM LETTER NUE;Lo;0;L;;;;;N;;;;;
1E218;WESTERN CHAM LETTER NA;Lo;0;L;;;;;N;;;;;
1E219;WESTERN CHAM LETTER DDA;Lo;0;L;;;;;N;;;;;
1E21A;WESTERN CHAM LETTER PA;Lo;0;L;;;;;N;;;;;
1E21B;WESTERN CHAM LETTER PPA;Lo;0;L;;;;;N;;;;;
1E21C;WESTERN CHAM LETTER PHA;Lo;0;L;;;;;N;;;;;
1E21D;WESTERN CHAM LETTER BA;Lo;0;L;;;;;N;;;;;
1E21E;WESTERN CHAM LETTER THAA;Lo;0;L;;;;;N;;;;;
1E21F;WESTERN CHAM LETTER MUE;Lo;0;L;;;;;N;;;;;
1E220;WESTERN CHAM LETTER MA;Lo;0;L;;;;;N;;;;;
1E221;WESTERN CHAM LETTER BBA;Lo;0;L;;;;;N;;;;;
1E222;WESTERN CHAM LETTER YA;Lo;0;L;;;;;N;;;;;
1E223;WESTERN CHAM LETTER RA;Lo;0;L;;;;;N;;;;;
1E224;WESTERN CHAM LETTER LA;Lo;0;L;;;;;N;;;;;
1E225;WESTERN CHAM LETTER VA;Lo;0;L;;;;;N;;;;;
1E226;WESTERN CHAM LETTER SSA;Lo;0;L;;;;;N;;;;;
1E227;WESTERN CHAM LETTER SA;Lo;0;L;;;;;N;;;;;
1E228;WESTERN CHAM LETTER HA;Lo;0;L;;;;;N;;;;;
1E229;WESTERN CHAM VOWEL SIGN AA;Mn;0;NSM;;;;;N;;;;;
1E22A;WESTERN CHAM VOWEL SIGN I;Mn;0;NSM;;;;;N;;;;;
1E22B;WESTERN CHAM VOWEL SIGN II;Mn;0;NSM;;;;;N;;;;;
1E22C;WESTERN CHAM VOWEL SIGN AI;Mn;0;NSM;;;;;N;;;;;
1E22E;WESTERN CHAM SIGN VOWEL OE OR FINAL NG;Mn;0;NSM;;;;;N;;;;;
1E22F;WESTERN CHAM VOWEL SIGN E;Mc;0;L;;;;;N;;;;;
1E230;WESTERN CHAM VOWEL SIGN AAI;Mc;0;L;;;;;N;;;;;
1E231;WESTERN CHAM VOWEL SIGN AU;Mn;0;NSM;;;;;N;;;;;

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1E232;WESTERN CHAM VOWEL SIGN U;Mn;0;NSM;;;;;N;;;;;
 1E233;WESTERN CHAM CONSONANT SIGN YA;Mc;0;L;;;;;N;;;;;
 1E234;WESTERN CHAM CONSONANT SIGN RA;Mc;0;L;;;;;N;;;;;
 1E235;WESTERN CHAM CONSONANT SIGN LA;Mn;0;NSM;;;;;N;;;;;
 1E236;WESTERN CHAM CONSONANT SIGN WA;Mn;0;NSM;;;;;N;;;;;
 1E237;WESTERN CHAM CONSONANT SIGN TKAJ KA;Mc;0;NSM;;;;;N;;;;;
 1E23A;WESTERN CHAM CONSONANT SIGN BRAY;Lo;0;L;;;;;N;;;;;
 1E23B;WESTERN CHAM LETTER NAN;Lo;0;L;;;;;N;;;;;
 1E23C;WESTERN CHAM CONSONANT SIGN SHALOM;Lo;0;L;;;;;N;;;;;
 1E23D;WESTERN CHAM LETTER FINAL PH;Lo;0;L;;;;;N;;;;;
 1E23E;WESTERN CHAM LETTER FINAL V;Lo;0;L;;;;;N;;;;;
 1E23F;WESTERN CHAM LETTER FINAL S;Lo;0;L;;;;;N;;;;;
 1E240;WESTERN CHAM LETTER FINAL K;Lo;0;L;;;;;N;;;;;
 1E242;WESTERN CHAM LETTER FINAL NG;Lo;0;L;;;;;N;;;;;
 1E244;WESTERN CHAM LETTER FINAL CH;Lo;0;L;;;;;N;;;;;
 1E245;WESTERN CHAM LETTER FINAL T;Lo;0;L;;;;;N;;;;;
 1E246;WESTERN CHAM LETTER FINAL N;Lo;0;L;;;;;N;;;;;
 1E247;WESTERN CHAM LETTER FINAL P;Lo;0;L;;;;;N;;;;;
 1E248;WESTERN CHAM LETTER FINAL Y;Lo;0;L;;;;;N;;;;;
 1E249;WESTERN CHAM LETTER FINAL R;Lo;0;L;;;;;N;;;;;
 1E24A;WESTERN CHAM LETTER FINAL L;Lo;0;L;;;;;N;;;;;
 1E24B;WESTERN CHAM LETTER FINAL SS;Lo;0;L;;;;;N;;;;;
 1E24C;WESTERN CHAM CONSONANT SIGN FINAL M;Mn;0;NSM;;;;;N;;;;;
 1E24D;WESTERN CHAM CONSONANT SIGN FINAL H;Mc;0;L;;;;;N;;;;;
 1E250;WESTERN CHAM DIGIT ZERO;Nd;0;L;;0;0;N;;;;;
 1E251;WESTERN CHAM DIGIT ONE;Nd;0;L;;1;1;1;N;;;;;
 1E252;WESTERN CHAM DIGIT TWO;Nd;0;L;;2;2;2;N;;;;;
 1E253;WESTERN CHAM DIGIT THREE;Nd;0;L;;3;3;3;N;;;;;
 1E254;WESTERN CHAM DIGIT FOUR;Nd;0;L;;4;4;4;N;;;;;
 1E255;WESTERN CHAM DIGIT FIVE;Nd;0;L;;5;5;5;N;;;;;
 1E256;WESTERN CHAM DIGIT SIX;Nd;0;L;;6;6;6;N;;;;;
 1E257;WESTERN CHAM DIGIT SEVEN;Nd;0;L;;7;7;7;N;;;;;
 1E258;WESTERN CHAM DIGIT EIGHT;Nd;0;L;;8;8;8;N;;;;;
 1E259;WESTERN CHAM DIGIT NINE;Nd;0;L;;9;9;9;N;;;;;
 1E25A;WESTERN CHAM DIGIT MOON TEN;No;0;L;;;;;N;;;;;
 1E25B;WESTERN CHAM SIGN TANA PATOK SAP;Lm;0;L;;;;;N;;;;;
 1E25C;WESTERN CHAM PUNCTUATION SPIRAL;Po;0;L;;;;;N;;;;;
 1E25D;WESTERN CHAM PUNCTUATION DANDA;Po;0;L;;;;;N;;;;;
 1E25E;WESTERN CHAM PUNCTUATION DOUBLE DANDA;Po;0;L;;;;;N;;;;;
 1E25F;WESTERN CHAM PUNCTUATION TRIPLE DANDA;Po;0;L;;;;;N;;;;;
 1E260;WESTERN CHAM SIGN TANA TAMAT PHON;Po;0;ON;;;;;N;;;;;
 1E261;WESTERN CHAM SIGN TANA CHAPEDAEM PHON;Po;0;ON;;;;;N;;;;;
 1E262;WESTERN CHAM SIGN TANA CHAPEDAEM IU;Po;0;ON;;;;;N;;;;;
 1E263;WESTERN CHAM SIGN TANA TAMAT AYET;Po;0;ON;;;;;N;;;;;
 1E264;WESTERN CHAM SIGN TANA TAMAT TAKUE;Po;0;ON;;;;;N;;;;;
 1E265;WESTERN CHAM SIGN ARABIC END;Po;0;ON;;;;;N;;;;;
 1E266;WESTERN CHAM SIGN LUNAR 1 DOTS;Po;0;ON;;;;;N;;;;;
 1E267;WESTERN CHAM SIGN LUNAR 2 DOTS;Po;0;ON;;;;;N;;;;;
 1E268;WESTERN CHAM SIGN LUNAR 3 DOTS;Po;0;ON;;;;;N;;;;;
 1E269;WESTERN CHAM SIGN LUNAR 4 DOTS;Po;0;ON;;;;;N;;;;;
 1E26A;WESTERN CHAM SIGN LUNAR 5 DOTS;Po;0;ON;;;;;N;;;;;
 1E26B;WESTERN CHAM SIGN LUNAR 5 DOTS OVER HAH;Po;0;ON;;;;;N;;;;;
 1E26C;WESTERN CHAM SIGN LUNAR 6 DOTS;Po;0;ON;;;;;N;;;;;
 1E26D;WESTERN CHAM SIGN LUNAR 7 DOTS;Po;0;ON;;;;;N;;;;;

Collation. For the most part Western Cham follows Eastern Cham with regard to default collation:

1E200 (ᩉ᩠ᨦ) < 1E201 (ᩉ᩠ᨦ) < 1E202 (ᩉ᩠ᨦ) < 1E205 (ᩉ᩠ᨦ)

1E206 (ᩉ᩠ᨦ) < 1E207 (ᩉ᩠ᨦ) < 1E208 (ᩉ᩠ᨦ) < 1E209 (ᩉ᩠ᨦ) < 1E20A (ᩉ᩠ᨦ) < 1E20C (ᩉ᩠ᨦ) < 1E20D (ᩉ᩠ᨦ) <
 1E20E (ᩉ᩠ᨦ) < 1E20F (ᩉ᩠ᨦ) < 1E210 (ᩉ᩠ᨦ) < 1E212 (ᩉ᩠ᨦ) < 1E213 (ᩉ᩠ᨦ) < 1E214 (ᩉ᩠ᨦ) < 1E215 (ᩉ᩠ᨦ) <
 1E216 (ᩉ᩠ᨦ) < 1E217 (ᩉ᩠ᨦ) < 1E218 (ᩉ᩠ᨦ) < 1E219 (ᩉ᩠ᨦ) < 1E21A (ᩉ᩠ᨦ) < 1E21B (ᩉ᩠ᨦ) < 1E21C (ᩉ᩠ᨦ) <
 1E21D (ᩉ᩠ᨦ) < 1E21E (ᩉ᩠ᨦ) < 1E21F (ᩉ᩠ᨦ) < 1E220 (ᩉ᩠ᨦ) < 1E221 (ᩉ᩠ᨦ) < 1E222 (ᩉ᩠ᨦ) < 1E223 (ᩉ᩠ᨦ) < 1E224
 (ᩉ᩠ᨦ) < 1E225 (ᩉ᩠ᨦ) < 1E226 (ᩉ᩠ᨦ) < 1E227 (ᩉ᩠ᨦ) < 1E228 (ᩉ᩠ᨦ)

1E233 (ᩉ᩠ᨦ) < 1E234 (ᩉ᩠ᨦ) < 1E235 (ᩉ᩠ᨦ) < 1E236 (ᩉ᩠ᨦ) < 1E237 (ᩉ᩠ᨦ)

1E229 (ᩉ᩠ᨦ) < 1E22A (ᩉ᩠ᨦ) < 1E22B (ᩉ᩠ᨦ) < 1E22C (ᩉ᩠ᨦ) < 1E22E (ᩉ᩠ᨦ) < 1E22F (ᩉ᩠ᨦ) < 1E230 (ᩉ᩠ᨦ) < 1E231
 (ᩉ᩠ᨦ) < 1E232 (ᩉ᩠ᨦ)

1E240 (ᩉ᩠ᨦ) < 1E242 (ᩉ᩠ᨦ) < 1E244 (ᩉ᩠ᨦ) < 1E245 (ᩉ᩠ᨦ) < 1E246 (ᩉ᩠ᨦ) < 1E247 (ᩉ᩠ᨦ) < 1E23D (ᩉ᩠ᨦ) <
 1E24C (ᩉ᩠ᨦ) < 1E248 (ᩉ᩠ᨦ) < 1E249 (ᩉ᩠ᨦ) < 1E24A (ᩉ᩠ᨦ) < 1E23E (ᩉ᩠ᨦ) < 1E24B (ᩉ᩠ᨦ) < 1E23F (ᩉ᩠ᨦ) < 1E24D
 (ᩉ᩠ᨦ)

1E21D 1E234 1E22C << 1E23A (၆)

1E217 1E246 << 1E23B (၆၆၆)

1E227 1E224 1E24C << 1E23C (၆၆၆)

The punctuation, digits and other signs sort appropriately with similar characters from other scripts. Special handling is required for handling U+1E22E as a final:

U+1E229 U+1E242 < U+1E229 U+1E22E

U+1E22A U+1E242 < U+1E22A U+1E22E

U+1E22B U+1E242 < U+1E22B U+1E22E

U+1E22C U+1E242 < U+1E22C U+1E22E

U+1E22E U+1E242 < U+1E22E U+1E22E

U+1E22F U+1E242 < U+1E22F U+1E22E

U+1E230 U+1E242 < U+1E230 U+1E22E

U+1E231 U+1E242 < U+1E231 U+1E22E

U+1E232 U+1E242 < U+1E232 U+1E22E

Combining Orders. Due to the immutability of Canonical Combining Class (CCC) values and the confusion between whether the CCC value is an order or a class, it is required that the CCC values for all characters in this block SHALL BE 0.¹ This does not mean that relative ordering of marks is not important. Here is a list of mark classes in their relative order. Those occurring first are listed first:

Class	Characters
Medial ra	ꠇꠌ 1E234 (CONSONANT SIGN RA)
Medial la	ꠇꠍ 1E235 (CONSONANT SIGN LA)
Medial ya	ꠇꠎ 1E233 (CONSONANT SIGN YA)
Medial wa	ꠇꠏ 1E236 (CONSONANT SIGN WA)
Pre vowels	ꠇꠐ 1E22F (VOWEL SIGN E), ꠇꠑ U+1E230 (VOWEL SIGN AAI)
Lower vowels	ꠇꠒ 1E232 (VOWEL SIGN U)
Final vowels	ꠇꠓ 1E229 (VOWEL SIGN AA), ꠇꠔ 1E22A (VOWEL SIGN I), ꠇꠕ 1E22B (VOWEL SIGN II), ꠇꠖ 1E22C (VOWEL SIGN AI), ꠇꠗ 1E231 (VOWEL SIGN AU)
Upper vowels	ꠇꠘ 1E22E (VOWEL SIGN OE)
Finals	ꠇꠙ 1E237 (CONSONANT SIGN TKAJ KA), ꠇꠚ 1E24C (CONSONANT SIGN FINAL M), ꠇꠛ (CONSONANT SIGN FINAL H)

No more than one character in each class may occur following the same base character (1E200 ... 1E228). The only exception to this U+1E22E (VOWEL SIGN OE).

Acknowledgements. Thanks go to Payap University Linguistics Institute, Chiang Mai, Thailand, under whose auspices this work is done. Special thanks go to Diethelm Kanjahn who created the font.

¹ It is unfortunate that the effect of making CCC values immutable means they have to be set to 0, resulting in the exact opposite effect that making CCC values immutable intends to achieve of enforcing a consistent order.

Samples

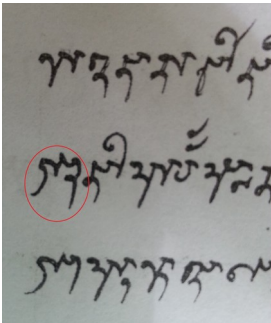


Fig 1. Showing U+1E206 (LETTER KA) U+1E237 (CONSONANT SIGN TKAJ KA)

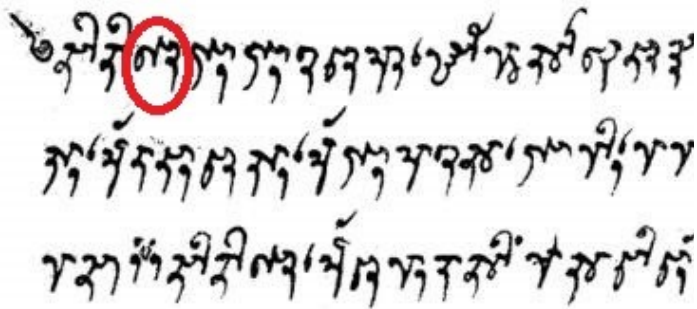


Fig 2. Showing U+1E213 (LETTER TA) U+1E237 (CONSONANT SIGN TKAJ KA). The sign to the far left is U+1E262 (SIGN TANA CHAPEDAEM PHON)

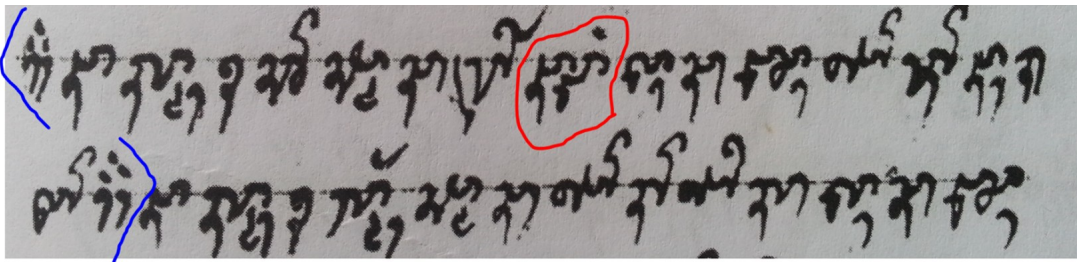


Fig 3. Showing salam and the use of double dandas around a quotation

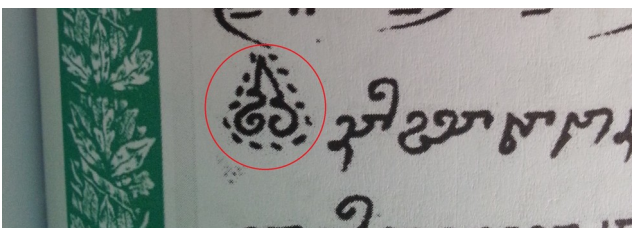


Fig 4. Showing U+1E261 (SIGN TANA CHAPEDAEM PHON)

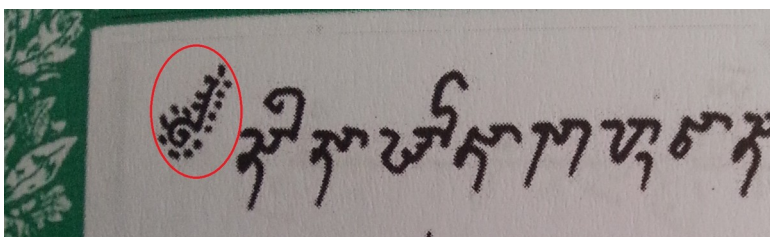


Fig 5. Showing U+1E262 (SIGN CHAPEDAEM IU)

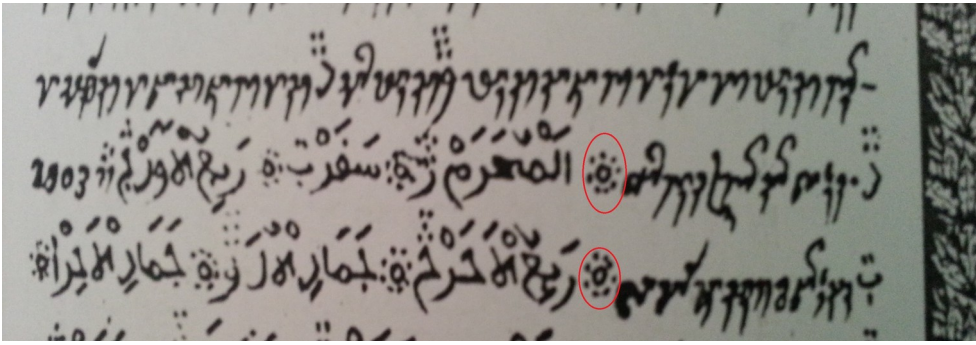


Fig 6. Showing U+1E263 (SIGN TANA TAMAT AYET). Notice the mix of Arabic and Western Cham and also the lunar characters.

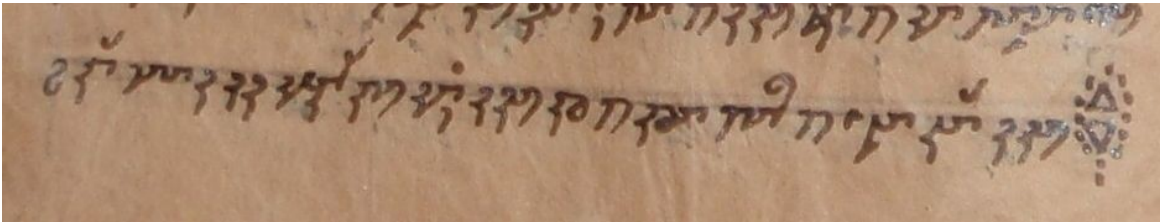


Fig 7. Showing U+1E264 (SIGN TANA TAMA TAKUE)

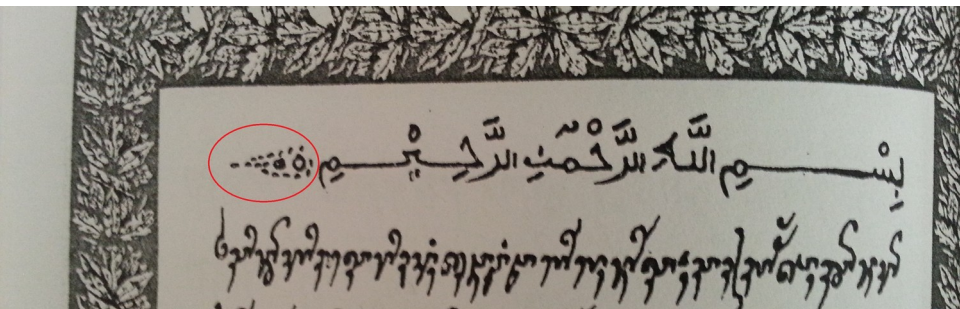


Fig 8. Showing U+1E265 (SIGN ARABIC END) at the end of a line of Arabic text before Western Cham text. The first character of the Western Cham text is U+1E262 (SIGN TAHA CHAPEDAEM PHON)

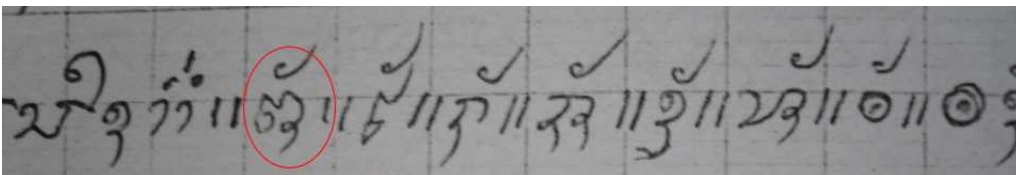


Fig 9. Showing digits 3 (circled), 4, 6, 7, 8, 9, moon 10, taking a vowel, separated by U+0965 (DEVANAGARI DOUBLE DANDA)

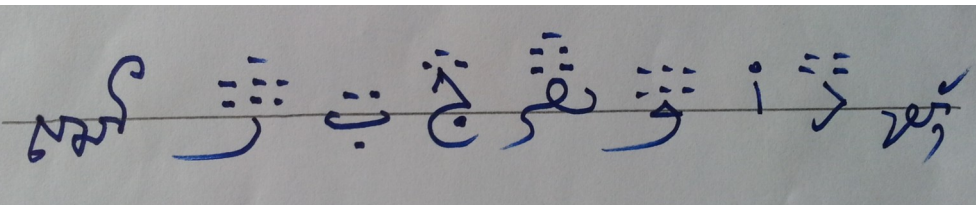


Fig 10. Showing the relative positions of Western Cham letters and lunar month symbols relative to a conceptual baseline.

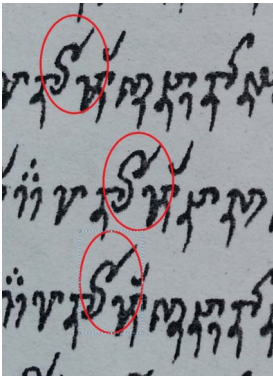


Fig 11. Showing academic variants of Western Cham vowel sequences.

**ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646².**

Please fill all the sections A, B and C below.

Please read Principles and Procedures Document (P & P) from <http://std.dkuug.dk/JTC1/SC2/WG2/docs/principles.html> for guidelines and details before filling this form.

Please ensure you are using the latest Form from <http://std.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html>.

See also <http://std.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html> for latest Roadmaps.

A. Administrative

1. Title:	Western Cham
2. Requester's name:	Martin Hosken
3. Requester type (Member body/Liaison/Individual contribution):	Individual Contribution
4. Submission date:	20/May/19
5. Requester's reference (if applicable):	
6. Choose one of the following:	
This is a complete proposal:	<input checked="" type="checkbox"/>
(or) More information will be provided later:	<input type="checkbox"/>

B. Technical – General

1. Choose one of the following:	
a. This proposal is for a new script (set of characters):	<input checked="" type="checkbox"/>
Proposed name of script:	Western Cham
b. The proposal is for addition of character(s) to an existing block:	
Name of the existing block:	
2. Number of characters in proposal:	99
3. Proposed category (select one from below - see section 2.2 of P&P document):	
A-Contemporary <input checked="" type="checkbox"/>	B.1-Specialized (small collection) <input type="checkbox"/>
C-Major extinct <input type="checkbox"/>	D-Attested extinct <input type="checkbox"/>
E-Minor extinct <input type="checkbox"/>	F-Archaic Hieroglyphic or Ideographic <input type="checkbox"/>
G-Obscure or questionable usage symbols <input type="checkbox"/>	
4. Is a repertoire including character names provided?	yes
a. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?	yes
b. Are the character shapes attached in a legible form suitable for review?	yes
5. Fonts related:	
a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the standard?	SIL International
b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):	martin_hosken@sil.org
6. References:	
a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?	yes
b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?	yes
7. Special encoding issues:	
Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?	yes

8. Additional Information:

Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at <http://www.unicode.org> for such information on other scripts. Also see Unicode Character Database (<http://www.unicode.org/reports/tr44/>) and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

² - Form number: N4502-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11, 2005-01, 2005-09, 2005-10, 2007-03, 2008-05, 2009-11, 2011-03, 2012-01)

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before? If YES explain	<i>This finalises N4734 L2/16-198</i>	<i>yes</i>
2. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)? If YES, with whom? If YES, available relevant documents:	<i>supporting letter enclosed</i>	<i>yes</i>
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included? Reference:		<i>no</i>
4. The context of use for the proposed characters (type of use; common or rare) Reference:		<i>common</i>
5. Are the proposed characters in current use by the user community? If YES, where? Reference:	<i>This document</i>	<i>yes</i>
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP? If YES, is a rationale provided? If YES, reference:		<i>no</i>
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?		<i>yes</i>
8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? If YES, is a rationale for its inclusion provided? If YES, reference:		<i>no</i>
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? If YES, is a rationale for its inclusion provided? If YES, reference:		<i>no</i>
10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to, or could be confused with, an existing character? If YES, is a rationale for its inclusion provided? If YES, reference:	<i>This document</i>	<i>yes</i> <i>yes</i>
11. Does the proposal include use of combining characters and/or use of composite sequences? If YES, is a rationale for such use provided? If YES, reference:	<i>This document</i>	<i>yes</i> <i>yes</i>
Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided? If YES, reference:		<i>no</i>
12. Does the proposal contain characters with any special properties such as control function or similar semantics? If YES, describe in detail (include attachment if necessary)		<i>no</i>
13. Does the proposal contain any Ideographic compatibility characters? If YES, are the equivalent corresponding unified ideographic characters identified? If YES, reference:		<i>no</i>

	1E20	1E21	1E22	1E23	1E24	1E25	1E26
0	𑜀𑜂𑜆 1E200	𑜀𑜃𑜂𑜆 1E210	𑜀𑜃𑜂𑜆 1E220	𑜀𑜃𑜂𑜆 1E230	𑜀𑜃𑜂𑜆 1E240	0 1E250	𑜀𑜃𑜂𑜆 1E260
1	𑜀𑜃𑜂𑜆 1E201		𑜀𑜃𑜂𑜆 1E221	𑜀𑜃𑜂𑜆 1E231		𑜀𑜃𑜂𑜆 1E251	𑜀𑜃𑜂𑜆 1E261
2	𑜀𑜃𑜂𑜆 1E202	𑜀𑜃𑜂𑜆 1E212	𑜀𑜃𑜂𑜆 1E222	𑜀𑜃𑜂𑜆 1E232	𑜀𑜃𑜂𑜆 1E242	𑜀𑜃𑜂𑜆 1E252	𑜀𑜃𑜂𑜆 1E262
3		𑜀𑜃𑜂𑜆 1E213	𑜀𑜃𑜂𑜆 1E223	𑜀𑜃𑜂𑜆 1E233		𑜀𑜃𑜂𑜆 1E253	𑜀𑜃𑜂𑜆 1E263
4		𑜀𑜃𑜂𑜆 1E214	𑜀𑜃𑜂𑜆 1E224	𑜀𑜃𑜂𑜆 1E234	𑜀𑜃𑜂𑜆 1E244	𑜀𑜃𑜂𑜆 1E254	𑜀𑜃𑜂𑜆 1E264
5	𑜀𑜃𑜂𑜆 1E205	𑜀𑜃𑜂𑜆 1E215	𑜀𑜃𑜂𑜆 1E225	𑜀𑜃𑜂𑜆 1E235	𑜀𑜃𑜂𑜆 1E245	𑜀𑜃𑜂𑜆 1E255	𑜀𑜃𑜂𑜆 1E265
6	𑜀𑜃𑜂𑜆 1E206	𑜀𑜃𑜂𑜆 1E216	𑜀𑜃𑜂𑜆 1E226	𑜀𑜃𑜂𑜆 1E236	𑜀𑜃𑜂𑜆 1E246	𑜀𑜃𑜂𑜆 1E256	𑜀𑜃𑜂𑜆 1E266
7	𑜀𑜃𑜂𑜆 1E207	𑜀𑜃𑜂𑜆 1E217	𑜀𑜃𑜂𑜆 1E227	𑜀𑜃𑜂𑜆 1E237	𑜀𑜃𑜂𑜆 1E247	𑜀𑜃𑜂𑜆 1E257	𑜀𑜃𑜂𑜆 1E267
8	𑜀𑜃𑜂𑜆 1E208	𑜀𑜃𑜂𑜆 1E218	𑜀𑜃𑜂𑜆 1E228		𑜀𑜃𑜂𑜆 1E248	𑜀𑜃𑜂𑜆 1E258	𑜀𑜃𑜂𑜆 1E268
9	𑜀𑜃𑜂𑜆 1E209	𑜀𑜃𑜂𑜆 1E219	𑜀𑜃𑜂𑜆 1E229		𑜀𑜃𑜂𑜆 1E249	𑜀𑜃𑜂𑜆 1E259	𑜀𑜃𑜂𑜆 1E269
A	𑜀𑜃𑜂𑜆 1E20A	𑜀𑜃𑜂𑜆 1E21A	𑜀𑜃𑜂𑜆 1E22A	𑜀𑜃𑜂𑜆 1E23A	𑜀𑜃𑜂𑜆 1E24A	𑜀𑜃𑜂𑜆 1E25A	𑜀𑜃𑜂𑜆 1E26A
B		𑜀𑜃𑜂𑜆 1E21B	𑜀𑜃𑜂𑜆 1E22B	𑜀𑜃𑜂𑜆 1E23B	𑜀𑜃𑜂𑜆 1E24B	𑜀𑜃𑜂𑜆 1E25B	𑜀𑜃𑜂𑜆 1E26B
C	𑜀𑜃𑜂𑜆 1E20C	𑜀𑜃𑜂𑜆 1E21C	𑜀𑜃𑜂𑜆 1E22C	𑜀𑜃𑜂𑜆 1E23C	𑜀𑜃𑜂𑜆 1E24C	𑜀𑜃𑜂𑜆 1E25C	𑜀𑜃𑜂𑜆 1E26C
D	𑜀𑜃𑜂𑜆 1E20D	𑜀𑜃𑜂𑜆 1E21D		𑜀𑜃𑜂𑜆 1E23D	𑜀𑜃𑜂𑜆 1E24D	𑜀𑜃𑜂𑜆 1E25D	𑜀𑜃𑜂𑜆 1E26D
E	𑜀𑜃𑜂𑜆 1E20E	𑜀𑜃𑜂𑜆 1E21E	𑜀𑜃𑜂𑜆 1E22E	𑜀𑜃𑜂𑜆 1E23E		𑜀𑜃𑜂𑜆 1E25E	
F	𑜀𑜃𑜂𑜆 1E20F	𑜀𑜃𑜂𑜆 1E21F	𑜀𑜃𑜂𑜆 1E22F	𑜀𑜃𑜂𑜆 1E23F		𑜀𑜃𑜂𑜆 1E25F	

Western Cham

1E200	ᩈᩃ	WESTERN CHAM LETTER A
1E201	ᩈᩄ	WESTERN CHAM LETTER E
1E202	ᩈᩅ	WESTERN CHAM LETTER O
1E205	ᩈᩆ	WESTERN CHAM LETTER OS
1E206	ᩈᩇ	WESTERN CHAM LETTER KA
1E207	ᩈᩈ	WESTERN CHAM LETTER KHA
1E208	ᩈᩉ	WESTERN CHAM LETTER GA
1E209	ᩈᩊ	WESTERN CHAM LETTER KHAA
1E20A	ᩈᩋ	WESTERN CHAM LETTER NGUE
1E20C	ᩈᩌ	WESTERN CHAM LETTER CHA
1E20D	ᩈᩍ	WESTERN CHAM LETTER CHHA
1E20E	ᩈᩎ	WESTERN CHAM LETTER JA
1E20F	ᩈᩏ	WESTERN CHAM LETTER JHA
1E210	ᩈᩐ	WESTERN CHAM LETTER NHUE
1E212	ᩈᩑ	WESTERN CHAM LETTER NHJA
1E213	ᩈᩒ	WESTERN CHAM LETTER TA
1E214	ᩈᩓ	WESTERN CHAM LETTER THA
1E215	ᩈᩔ	WESTERN CHAM LETTER DA
1E216	ᩈᩕ	WESTERN CHAM LETTER PHAA
1E217	ᩈᩖ	WESTERN CHAM LETTER NUE
1E218	ᩈᩗ	WESTERN CHAM LETTER NA
1E219	ᩈᩘ	WESTERN CHAM LETTER DDA
1E21A	ᩈᩙ	WESTERN CHAM LETTER PA
1E21B	ᩈᩚ	WESTERN CHAM LETTER PPA
1E21C	ᩈᩛ	WESTERN CHAM LETTER PHA
1E21D	ᩈᩜ	WESTERN CHAM LETTER BA
1E21E	ᩈᩝ	WESTERN CHAM LETTER THAA
1E21F	ᩈᩞ	WESTERN CHAM LETTER MUE
1E220	ᩈ᩟	WESTERN CHAM LETTER MA
1E221	ᩈ᩠	WESTERN CHAM LETTER BBA
1E222	ᩈᩡ	WESTERN CHAM LETTER YA
1E223	ᩈᩢ	WESTERN CHAM LETTER RA
1E224	ᩈᩣ	WESTERN CHAM LETTER LA
1E225	ᩈᩤ	WESTERN CHAM LETTER VA
1E226	ᩈᩥ	WESTERN CHAM LETTER SSA
1E227	ᩈᩦ	WESTERN CHAM LETTER SA
1E228	ᩈᩧ	WESTERN CHAM LETTER HA
1E229	ᩈᩨ	WESTERN CHAM VOWEL SIGN AA
1E22A	ᩈᩩ	WESTERN CHAM VOWEL SIGN I
1E22B	ᩈᩪ	WESTERN CHAM VOWEL SIGN II
1E22C	ᩈᩫ	WESTERN CHAM VOWEL SIGN AI
1E22E	ᩈᩬ	WESTERN CHAM SIGN VOWEL OE OR FINAL NG
1E22F	ᩈᩭ	WESTERN CHAM VOWEL SIGN E
1E230	ᩈᩮ	WESTERN CHAM VOWEL SIGN AAI
1E231	ᩈᩯ	WESTERN CHAM VOWEL SIGN AU
1E232	ᩈᩰ	WESTERN CHAM VOWEL SIGN U
1E233	ᩈᩱ	WESTERN CHAM CONSONANT SIGN YA
1E234	ᩈᩲ	WESTERN CHAM CONSONANT SIGN RA
1E235	ᩈᩳ	WESTERN CHAM CONSONANT SIGN LA
1E236	ᩈᩴ	WESTERN CHAM CONSONANT SIGN WA
1E237	ᩈ᩵	WESTERN CHAM CONSONANT SIGN TKAJ KA
1E23A	ᩈ᩶	WESTERN CHAM CONSONANT SIGN BRAY
1E23B	ᩈ᩷	WESTERN CHAM LETTER NAN

1E23C	ᩈ᩸	WESTERN CHAM CONSONANT SIGN SHALOM
1E23D	ᩈ᩹	WESTERN CHAM LETTER FINAL PH
1E23E	ᩈ᩺	WESTERN CHAM LETTER FINAL V
1E23F	ᩈ᩻	WESTERN CHAM LETTER FINAL S
1E240	ᩈ᩼	WESTERN CHAM LETTER FINAL K
1E242	ᩈ᩽	WESTERN CHAM LETTER FINAL NG
1E244	ᩈ᩾	WESTERN CHAM LETTER FINAL CH
1E245	ᩈ᩿	WESTERN CHAM LETTER FINAL T
1E246	ᩈ᩻	WESTERN CHAM LETTER FINAL N
1E247	ᩈ᩻	WESTERN CHAM LETTER FINAL P
1E248	ᩈ᩻	WESTERN CHAM LETTER FINAL Y
1E249	ᩈ᩻	WESTERN CHAM LETTER FINAL R
1E24A	ᩈ᩻	WESTERN CHAM LETTER FINAL L
1E24B	ᩈ᩻	WESTERN CHAM LETTER FINAL SS
1E24C	ᩈ᩻	WESTERN CHAM CONSONANT SIGN FINAL M
1E24D	ᩈ᩻	WESTERN CHAM CONSONANT SIGN FINAL H
1E250	ᩈ᩻	WESTERN CHAM DIGIT ZERO
1E251	ᩈ᩻	WESTERN CHAM DIGIT ONE
1E252	ᩈ᩻	WESTERN CHAM DIGIT TWO
1E253	ᩈ᩻	WESTERN CHAM DIGIT THREE
1E254	ᩈ᩻	WESTERN CHAM DIGIT FOUR
1E255	ᩈ᩻	WESTERN CHAM DIGIT FIVE
1E256	ᩈ᩻	WESTERN CHAM DIGIT SIX
1E257	ᩈ᩻	WESTERN CHAM DIGIT SEVEN
1E258	ᩈ᩻	WESTERN CHAM DIGIT EIGHT
1E259	ᩈ᩻	WESTERN CHAM DIGIT NINE
1E25A	ᩈ᩻	WESTERN CHAM DIGIT MOON TEN
1E25B	ᩈ᩻	WESTERN CHAM SIGN TANA PATOK SAP
1E25D	ᩈ᩻	WESTERN CHAM PUNCTUATION SPIRAL
1E25D	ᩈ᩻	WESTERN CHAM PUNCTUATION DANDA
1E25E	ᩈ᩻	WESTERN CHAM PUNCTUATION DOUBLE DANDA
1E25F	ᩈ᩻	WESTERN CHAM PUNCTUATION TRIPLE DANDA
1E260	ᩈ᩻	WESTERN CHAM SIGN TANA TAMAT PHON
1E261	ᩈ᩻	WESTERN CHAM SIGN TANA CHAPEDAEM PHON
1E262	ᩈ᩻	WESTERN CHAM SIGN TANA CHAPEDAEM IU
1E263	ᩈ᩻	WESTERN CHAM SIGN TANA TAMAT AYET
1E264	ᩈ᩻	WESTERN CHAM SIGN TANA TAMAT TAKUE
1E265	ᩈ᩻	WESTERN CHAM SIGN ARABIC END
1E266	ᩈ᩻	WESTERN CHAM SIGN LUNAR 1 DOTS
1E267	ᩈ᩻	WESTERN CHAM SIGN LUNAR 2 DOTS
1E268	ᩈ᩻	WESTERN CHAM SIGN LUNAR 3 DOTS
1E269	ᩈ᩻	WESTERN CHAM SIGN LUNAR 4 DOTS
1E26A	ᩈ᩻	WESTERN CHAM SIGN LUNAR 5 DOTS
1E26B	ᩈ᩻	WESTERN CHAM SIGN LUNAR 5 DOTS OVER HAH
1E26C	ᩈ᩻	WESTERN CHAM SIGN LUNAR 6 DOTS
1E26D	ᩈ᩻	WESTERN CHAM SIGN LUNAR 7 DOTS