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This proposal is a revised version of [L2/20-207](#).

## 1 Introduction

The Tai Don script (ᨆᩣ᩠ᨦᩣ᩠ᨦ, *tai don*) is used for writing Tai Dón language (ISO 639-3: twh), a Kam-Tai language spoken by twenty thousand people in China (Yunnan Province) [[DAO, 2016](#)], by two-hundred and eighty thousand people in Vietnam (mainly in Lai Châu Province) [[DONALDSON & EDMONDSON, 1997](#)] and by one-hundred and three thousand people in Laos (mainly in Houaphanh Province) [[Joshua Project, 1999](#)]. The Tai Dón language is closely related to Lao and Thai. The Tai Viet script is also used for writing Tai Dón language as a unified alphabet for Tai languages [[NGO & BRASE, 2006](#)].

The Tai Don script (傣端文) is also called the White Tai script (白傣文) or the Tai Khao script (傣皓文), which is consistent with their ethnic name. People using Tai Don script are mainly distributed in Jinping County, so Chinese literature usually refers to it as Jinping Tai script (金平傣文). From the materials published by locals, the Tai Don script is the most common name.

According to folklore, the Tai Don script has a history of more than 700 years. The same ethnic group along the same river formed multiple communities due to national borders [[LUO, 1992](#)].

There is limited information available on the Tai Don script in English. Most of the materials on the script are written in Chinese. The Department of Folk Languages in Yunnan University for Nationalities, Ethnic Affairs Commission of Jinping County and Cultural Center of Jinping County have published multilingual primers and educational materials of the script. There are also instructional videos available on Tencent.

The Tai Viet script inherited many forms from the Tai Don script in its construction process, but the incompatible differences between the two make the Tai Don script need to be encoded separately. A detailed description can be found in [BRASE, 2020] and in general:

- There are phonological differences (more consonants and less vowels in Tai Don script);
- There are irreconcilable phoneme-grapheme correspondences (Viet  $n$  / $m_4$ / ~ Don  $w$  / $m_2$ / ~ Viet  $w$  / $p_4$ / ~ Don  $n$  / $p_2$ / ~ Viet  $n$  / $f_4$ / ~ Don  $n$  / $f_2$ /).

## 2 Script Details

### 2.1 Script Structure

The Tai Dón language in Tai Don script is an abugida language-script, and Tai Don script is written left to right. The Don script reflects a typical structure of **C[P]V[T]**, when:

- **C** (consonant) is defined by xx00 HIGH BO ~ xx2B LOW NYO, and U+0640 TATWEEL;
- **P** (tone) is defined by xx40 SAK ~ xx42 MAAI AA;
- **V** (vowel) is defined by xx30 AA ~ xx3F MAAI TSAM, and xx02 HIGH QO;
- **T** (tail) is defined by xx2I LOW MO, xx1F LOW NO, xx25 LOW NGO, xx00 HIGH BO, xx04 HIGH DO, and xx08 HIGH KO.

The function of vowel-like characters is uncertain for the time being; if a consonant-based perspective is taken, then vowel-like characters should be treated as marks, which may be inconsistent with xx02 QO. Any discussion of this would be welcome.

There are also two rules in Tai Don scripts:

- When xx3I I, xx32 EE, xx35 U, xx36 E, xx37 UE, or xx3D U appears in **C[P]VT** as **V**, the **V** above **C** will be transferred above **T**;

$$\langle n(k), \overset{\circ}{\circ}(ue), \overset{\checkmark}{w}(m) \rangle = n\overset{\checkmark}{w}(kuem).$$

- When xx3B A and xx2I LOW MO, xx1F LOW NO, xx00 HIGH BO, and xx04 HIGH DO appear in **C[P]VT** as **V** and **T**, compound forms will be generated.

$$\langle n, \overset{\checkmark}{\circ}, \overset{\checkmark}{w} \rangle = n\overset{\checkmark}{w}, \langle n, \overset{\checkmark}{\circ}, \overset{\checkmark}{u} \rangle = n\overset{\checkmark}{u}, \langle n, \overset{\checkmark}{\circ}, \overset{\checkmark}{v} \rangle = n\overset{\checkmark}{v}, \langle n, \overset{\checkmark}{\circ}, \overset{\checkmark}{\checkmark} \rangle = n\overset{\checkmark}{\checkmark}.$$

As the function of the vowel-like characters and the encoding model are to be determined, the rules are also to be determined. See [Chart 3](#) for decision making.

## 2.2 Character Names

There is currently no Latinization scheme for Tai Dón language in use. This proposal gives a Latinization scheme modified from the Latinization scheme of New Tai Lue script (新傣仂文) showing below. The tones have not been Latinized yet.

/b/	/ʔ/	/d/	/ts/	/k/	/x/	/k <sup>h</sup> /	/h/	/t/	/t <sup>h</sup> /	/p/
B	Q	D	TS	K	X	KH	H	T	TH	P
/p <sup>h</sup> /	/t <sup>h</sup> /	/f/	/s/	/n/	/m/	/l/	/ŋ/	/v/	/j/	/ɲ/
PH	TSH	F	S	N	M	L	NG	V	Y	NY
/ǎ/	/a/	/i/	/e/	/ɛ/	/ɔ/	/o/	/u/	/ə/	/u/	
A	AA	I	EE	EH	O	OO	U	E	UE	

## 2.3 Initials

There are 44 initials (consonants) in high tone class and low tone class shown in [Chart 1](#). Particularly, the letter HIGH QO can also behave as a part of final. The Lai Châu glyphs come from [\[BRASE, 2008\]](#).

**Initial Filler.** U+0640 TATWEEL is used in educational situation. The status of the initial filler is the same as that of a single initial.

**Chart 1 Initial (consonant) characters of the Tai Don script**

Code Point	Jinping Glyph	Lai Châu Glyph	Character Name (Temporary)	Value
XX00	✓	✓	TAI DON LETTER HIGH BO	/b <sub>1</sub> /
XX01	W	W	TAI DON LETTER LOW BO	/b <sub>2</sub> /
XX02	ᨆ	ᨆ	TAI DON LETTER HIGH QO	/ʔ <sub>1</sub> /
XX03	ᨇ	ᨇ	TAI DON LETTER LOW QO	/ʔ <sub>2</sub> /
XX04	ᨈ	ᨈ	TAI DON LETTER HIGH DO	/d <sub>1</sub> /
XX05	ᨉ	ᨉ	TAI DON LETTER LOW DO	/d <sub>2</sub> /

XX06	√	√	TAI DON LETTER HIGH TSO	/ts <sub>1</sub> /
XX07	η	η	TAI DON LETTER LOW TSO	/ts <sub>2</sub> /
XX08	n	n	TAI DON LETTER HIGH KO	/k <sub>1</sub> /
XX09	η	η	TAI DON LETTER LOW KO	/k <sub>2</sub> /
XX0A	√	√	TAI DON LETTER HIGH XO	/x <sub>1</sub> /
XX0B	η	α	TAI DON LETTER LOW XO	/x <sub>2</sub> /
XX0C	√	√	TAI DON LETTER HIGH KHO	/k <sup>h</sup> <sub>1</sub> /
XX0D	η	η	TAI DON LETTER LOW KHO	/k <sup>h</sup> <sub>2</sub> /
XX0E	η	η	TAI DON LETTER HIGH HO	/h <sub>1</sub> /
XX0F	η	η	TAI DON LETTER LOW HO	/h <sub>2</sub> /
XX10	η	η	TAI DON LETTER HIGH TO	/t <sub>1</sub> /
XX11	η	η	TAI DON LETTER LOW TO	/t <sub>2</sub> /
XX12	η	η	TAI DON LETTER HIGH THO	/t <sup>h</sup> <sub>1</sub> /
XX13	η	η	TAI DON LETTER LOW THO	/t <sup>h</sup> <sub>2</sub> /
XX14	√	√	TAI DON LETTER HIGH PO	/p <sub>1</sub> /
XX15	√	√	TAI DON LETTER LOW PO	/p <sub>2</sub> /
XX16	√	α	TAI DON LETTER HIGH PHO	/p <sup>h</sup> <sub>1</sub> /
XX17	√	η	TAI DON LETTER LOW PHO	/p <sup>h</sup> <sub>2</sub> /
XX18	√	√	TAI DON LETTER HIGH TSHO	/ts <sup>h</sup> <sub>1</sub> /
XX19	√	√	TAI DON LETTER LOW TSHO	/ts <sup>h</sup> <sub>2</sub> /
XX1A	√	α	TAI DON LETTER HIGH FO	/f <sub>1</sub> /
XX1B	√	√	TAI DON LETTER LOW FO	/f <sub>2</sub> /

XX1C	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER HIGH SO	/s <sub>1</sub> /
XX1D	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER LOW SO	/s <sub>2</sub> /
XX1E	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER HIGH NO	/n <sub>1</sub> /
XX1F	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER LOW NO	/n <sub>2</sub> /
XX2O	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER HIGH MO	/m <sub>1</sub> /
XX2I	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER LOW MO	/m <sub>2</sub> /
XX22	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER HIGH LO	/l <sub>1</sub> /
XX23	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER LOW LO	/l <sub>2</sub> /
XX24	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER HIGH NGO	/ŋ <sub>1</sub> /
XX25	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER LOW NGO	/ŋ <sub>2</sub> /
XX26	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER HIGH VO	/v <sub>1</sub> /
XX27	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER LOW VO	/v <sub>2</sub> /
XX28	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER HIGH YO	/j <sub>1</sub> /
XX29	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER LOW YO	/j <sub>2</sub> /
XX2A	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER HIGH NYO	/ɲ <sub>1</sub> /
XX2B	𑜃𑜂𑜆	𑜃𑜂𑜆	TAI DON LETTER LOW NYO	/ɲ <sub>2</sub> /

## 2.4 Finals

There are 83 finals which could be represented by 17 characters shown below.

**Maai Kaa.** There are two characters with the same pronunciation /a/. According to [Dao, 2016]:

- VOWEL AA ◯, /mai<sup>33</sup> ka<sup>33</sup>/ can be used freely;
- MAAI KAA ◯, /mai<sup>33</sup> ka<sup>25</sup>/ can be only used in syllables with tone 1.

**Mai Ko.** There are two characters with the same pronunciation value /ɔ/. According to [DAO, 2016]:

- HIGH QO 𠄎 /mai<sup>33</sup> kɔ<sup>33</sup>/ can be used freely;
- MAAI TSAM 𠄎 /mai<sup>33</sup> tsã<sup>25</sup>/ can be only used in syllables with tone 1.

**Chart 2 Final (similar to vowel) characters of the Tai Don script**

Code Point	Jinping Glyph	Lai Châu Glyph	Character Name (Temporary)	Value
XX30	𠄎	𠄎 / 𠄎	TAI DON VOWEL AA	/a <sub>1</sub> /
XX31	𠄎	𠄎	TAI DON VOWEL I	/i/
XX32	𠄎	𠄎	TAI DON VOWEL EE	/e/
XX33	𠄎	𠄎	TAI DON VOWEL EH	/ɛ/
XX02	𠄎	𠄎	TAI DON LETTER HIGH QO	/ɔ <sub>1</sub> /
XX34	𠄎	𠄎 / 𠄎	TAI DON VOWEL OO	/o/
XX35	𠄎	𠄎	TAI DON VOWEL U	/u/
XX36	𠄎	𠄎	TAI DON VOWEL E	/ə/
XX37	𠄎	𠄎 / 𠄎	TAI DON VOWEL UE	/u/
XX38	𠄎	𠄎	TAI DON VOWEL AI	/äi/
XX39	𠄎	𠄎	TAI DON VOWEL AUE	/äu/
XX3A	𠄎	𠄎	TAI DON VOWEL AU	/äu/
XX3B	𠄎	𠄎	TAI DON MAAI KA	/ä/
XX3C	𠄎	𠄎	TAI DON MAAI KU-1	/u/
XX3D	𠄎	𠄎	TAI DON MAAI KU-2	/u/
XX3E	𠄎	𠄎	TAI DON MAAI KAA	/a <sub>2</sub> /
XX3F	𠄎	𠄎	TAI DON MAAI TSAM	/ɔ <sub>2</sub> /

All the finals with the initial ko *n* are listed below. The initial *n* can be replaced by any of C.

**Chart 3 Finals in the Tai Dón language represented by the Tai Don script**

<i>n</i> / <i>ṇ</i>	<i>ṇ̂</i>	<i>ṇ̃</i>	<i>ṇ</i>	<i>ṇ̄</i>	<i>ṇ̅</i>	<i>ṇ̆</i>	<i>ṇ̇</i>	<i>ṇ̈</i>	<i>ṇ̉</i>
KA	KI	KEE	KEH	KU	KOO	KO	KUE	KE	
/ka/	/ki/	/ke/	/kɛ/	/ku/	/ko/	/kə/	/kuw/	/kə/	
<i>ṇ</i>	<i>n</i> ✓			<i>n̄</i> ✓	<i>n̅</i> ✓	<i>n̆</i> ✓	<i>ṅ</i> ✓	<i>n̈</i> ✓	<i>n̉</i> ✓
KAI	KA AI			KUI	KOOI	KOI	KUEI	KEI	
/käi/	/kai/			/kui/	/koi/	/kəi/	/kuwi/	/kəi/	
<i>ṇi</i>	<i>n</i> ◌	<i>n̂</i> ◌	<i>ñ</i> ◌	<i>ṇ</i> ◌					<i>n̄</i> ◌
KAU	KA AU	KIU	KEEU	KEHU					KEU
/käu/	/kau/	/kiu/	/keu/	/keu/					/kəu/
<i>ṇ</i>									
KAUE									
/käu/									
<i>n̅</i>	<i>n</i> ◌	<i>n̂</i> ◌	<i>ñ</i> ◌	<i>ṇ</i> ◌	<i>n̄</i> / <i>n̅</i>	<i>n̅</i>	<i>n̆</i>	<i>ṅ</i>	<i>n̈</i>
KAM	KA AM	KIM	KEEM	KEHM	KUM	KOOM	KOM	KUEM	KEM
/käm/	/kam/	/kim/	/kem/	/kɛm/	/kum/	/kom/	/kəm/	/kuwm/	/kəm/
<i>n̅</i>	<i>n</i> ◌	<i>n̂</i> ◌	<i>ñ</i> ◌	<i>ṇ</i> ◌	<i>n̄</i> ◌	<i>n̅</i> ◌	<i>n̆</i> ◌	<i>ṅ</i> ◌	<i>n̈</i> ◌
KAN	KA AN	KIN	KEEN	KEHN	KUN	KOON	KON	KUEN	KEN
/kän/	/kan/	/kin/	/ken/	/kɛn/	/kun/	/kon/	/kən/	/kuwn/	/kən/
<i>ṇ̅</i>	<i>n</i> ◌	<i>n̂</i> ◌	<i>ñ</i> ◌	<i>ṇ</i> ◌	<i>n̄</i> / <i>ṇ̅</i>	<i>n̅</i>	<i>n̆</i>	<i>ṅ</i>	<i>n̈</i>
KANG	KA ANG	KING	KEENG	KEHNG	KUNG	KOONG	KONG	KUENG	KENG
/käng/	/kaŋ/	/kiŋ/	/keŋ/	/kɛŋ/	/kuŋ/	/koŋ/	/kəŋ/	/kuwŋ/	/kəŋ/
<i>n̅</i>	<i>n</i> ◌	<i>n̂</i> ◌	<i>ñ</i> ◌	<i>ṇ</i> ◌	<i>n̄</i> / <i>n̅</i>	<i>n̅</i>	<i>n̆</i>	<i>ṅ</i>	<i>n̈</i>
KAP	KA AP	KIP	KEEP	KEHP	KUP	KOOP	KOP	KUEP	KEP
/käp/	/kap/	/kip/	/kep/	/kɛp/	/kup/	/kop/	/kəp/	/kuwp/	/kəp/
<i>n̅</i>	<i>n</i> ◌	<i>n̂</i> ◌	<i>ñ</i> ◌	<i>ṇ</i> ◌	<i>n̄</i> ◌	<i>n̅</i>	<i>n̆</i>	<i>ṅ</i>	<i>n̈</i>
KAT	KA AT	KIT	KEET	KEHT	KUT	KOOT	KOT	KUET	KET
/kät/	/kat/	/kit/	/ket/	/kɛt/	/kut/	/kot/	/kət/	/kuwt/	/kət/
<i>ṇ̅</i>	<i>n</i> ◌	<i>n̂</i> ◌	<i>ñ</i> ◌	<i>ṇ</i> ◌	<i>n̄</i> ◌	<i>n̅</i>	<i>n̆</i>	<i>ṅ</i>	<i>n̈</i>
KAK	KA AK	KIK	KEEK	KEHK	KUK	KOOK	KOK	KUEK	KEK
/käk/	/kak/	/kik/	/kek/	/kɛk/	/kuk/	/kok/	/kək/	/kuwk/	/kək/

## 2.5 Tonal Signs

There are 9 tones represented by 3 characters. In most of the visible literature, the tone mark is positioned above the initial consonant. Particularly, xx42 is used for representing 1 when the initial-tail falls off and becomes glottal stop. xx40 and xx41 can be found in [Figure 3](#) and xx42 can be found in [Figure 4](#). Furthermore, U+0307 COMBINING DOT ABOVE is also used for stress in voice.

Chart 4 Tones in the Tai Dón language

Code Point	Jinping Glyph	Lai Châu Glyph	Character Name (Temporary)	Tone	Value
				relax high 1	1
xx40	◌̇	◌̇	TAI DON TONE SAK	relax high 2	1
xx41	◌̈́	◌̈́	TAI DON TONE HOI	relax high 3	4
				relax low 4	1
xx40	◌̇	◌̇	TAI DON TONE SAK	relax low 5	1
xx41	◌̈́	◌̈́	TAI DON TONE HOI	relax low 6	1
				abrupt high 7	1
				abrupt 8	1
xx42	◌̃		TAI DON MAAI AA	abrupt 9	1

## 2.6 Symbols






Like the Tai Viet script, there are five symbols used fixedly shown in [Chart 5](#).

## 2.7 Number and Punctuation






There are no characteristic numeral characters except SYMBOL NUENG in the Tai Don script. So, the characters ‘0’–‘9’ are used. There are 5 kinds of punctuation in Tai Don script.



**Chart 5 Symbols in the Tai Don script**

Code Point	Jinping Glyph	Character Name (Temporary)	Value	Meaning
xx56		TAI DON SYMBOL NUENG	/nuŋ\ /	one, 一
xx57		TAI DON SYMBOL BON	/bɔn\ /	moon, 月
xx58		TAI DON SYMBOL KUN	/kun\ /	person, 人
xx59		TAI DON SYMBOL SAM	/sǎm\ /	finish, 完
xx5A		TAI DON SYMBOL MAA	/ma\ /	horse, 馬

**Chart 6 Punctuation in the Tai Don script**








Code Point	Jinping Glyph	Character Name (Temporary)	Usage
xx5B		TAI DON SYMBOL MAAI MEHT	Same as period dot.
xx5C		TAI DON SYMBOL MAAI SAM-1	Used to modify the title of the article or omit the content.
xx5D		TAI DON SYMBOL MAAI SAM-2	
xx5E		TAI DON SYMBOL MAAI SAM-3	Used to record the singing sustain in the songs.
xx5F		TAI DON SYMBOL MAAI SAM-4	



AA8A	ㄹ	LOW CO	/t <sub>G1</sub> /	XX06	ㄹ	HIGH TSO	/ts <sub>1</sub> /
AA8B	ㄺ	HIGH CO	/t <sub>G4</sub> /	XX07	ㄺ	LOW TSO	/ts <sub>2</sub> /
AA8C	ㄹ	LOW CHO	/t <sub>G<sup>h</sup>1</sub> /	XX18	ㄹ	HIGH TSHO	/ts <sup>h</sup> <sub>1</sub> /
AA8D	ㄺ	HIGH CHO	/t <sub>G<sup>h</sup>4</sub> /	XX19	ㄺ	LOW TSHO	/ts <sup>h</sup> <sub>2</sub> /
AA8E	ㅅ	LOW SO	/s <sub>1</sub> /	XX1C	ㅅ	HIGH SO	/s <sub>1</sub> /
AA8F	ㄹ	HIGH SO	/s <sub>2</sub> /	XX1D	ㄹ	LOW SO	/s <sub>2</sub> /
AA90	ㅇ	LOW NYO	/ŋ <sub>1</sub> /	XX2A	ㅇ	HIGH NYO	/ŋ <sub>1</sub> /
AA91	ㅇ	HIGH NYO	/ŋ <sub>4</sub> /	XX2B	ㅇ	LOW NYO	/ŋ <sub>2</sub> /
AA92	ㄷ	LOW DO	/d <sub>1</sub> /	XX04	ㄷ	HIGH DO	/d <sub>1</sub> /
AA93	ㄷ	HIGH DO	/d <sub>4</sub> /	XX05	ㄷ	LOW DO	/d <sub>2</sub> /
AA94	ㄸ	LOW TO	/t <sub>1</sub> /	XX10	ㄸ	HIGH TO	/t <sub>1</sub> /
AA95	ㄸ	HIGH TO	/t <sub>4</sub> /	XX11	ㄸ	LOW TO	/t <sub>2</sub> /
AA96	ㄸ	LOW THO	/t <sup>h</sup> <sub>1</sub> /	XX12	ㄸ	HIGH THO	/t <sup>h</sup> <sub>1</sub> /
AA97	ㄸ	HIGH THO	/t <sup>h</sup> <sub>4</sub> /	XX13	ㄸ	LOW THO	/t <sup>h</sup> <sub>2</sub> /
AA98	ㄴ	LOW NO	/n <sub>1</sub> /	XX1E	ㄴ	HIGH NO	/n <sub>1</sub> /
AA99	ㄴ	HIGH NO	/n <sub>4</sub> /	XX1F	ㄴ	LOW NO	/n <sub>2</sub> /
AA9A	ㅃ	LOW BO	/b <sub>1</sub> /	XX00	ㅃ	HIGH BO	/b <sub>1</sub> /
AA9B	ㅃ	HIGH BO	/b <sub>4</sub> /	XX01	ㅃ	LOW BO	/b <sub>2</sub> /
AA9C	ㅍ	LOW PO	/p <sub>1</sub> /	XX14	ㅍ	HIGH PO	/p <sub>1</sub> /
AA9D	ㅍ	HIGH PO	/p <sub>4</sub> /	XX15	ㅍ	LOW PO	/p <sub>2</sub> /
AA9E	ㅍ	LOW PHO	/p <sup>h</sup> <sub>1</sub> /	XX16	ㅍ	HIGH PHO	/p <sup>h</sup> <sub>1</sub> /
AA9F	ㅍ	HIGH PHO	/p <sup>h</sup> <sub>4</sub> /	XX17	ㅍ	LOW PHO	/p <sup>h</sup> <sub>2</sub> /

AAAA0	Ṽ	LOW FO	/f <sub>1</sub> /	XX1A	Ṽ	HIGH FO	/f <sub>1</sub> /
AAA1	Ṽ	HIGH FO	/f <sub>4</sub> /	XX1B	Ṽ	LOW FO	/f <sub>2</sub> /
AAA2	Ṽ	LOW MO	/m <sub>1</sub> /	XX20	Ṽ	HIGH MO	/m <sub>1</sub> /
AAA3	Ṽ	HIGH MO	/m <sub>4</sub> /	XX21	Ṽ	LOW MO	/m <sub>2</sub> /
AAA4	Ṽ	LOW YO	/j <sub>1</sub> /	XX28	Ṽ	HIGH YO	/j <sub>1</sub> /
AAA5	Ṽ	HIGH YO	/j <sub>4</sub> /	XX29	Ṽ	LOW YO	/j <sub>2</sub> /
AAA6	Ṽ	LOW RO	/r <sub>1</sub> /				
AAA7	Ṽ	HIGH RO	/r <sub>4</sub> /				
AAA8	Ṽ	LOW LO	/l <sub>1</sub> /	XX22	Ṽ	HIGH LO	/l <sub>1</sub> /
AAA9	Ṽ	HIGH LO	/l <sub>4</sub> /	XX23	Ṽ	LOW LO	/l <sub>2</sub> /
AAAA	Ṽ	LOW VO	/v <sub>1</sub> /	XX26	Ṽ	HIGH VO	/v <sub>1</sub> /
AAAB	Ṽ	HIGH VO	/v <sub>4</sub> /	XX27	Ṽ	LOW VO	/v <sub>2</sub> /
AAAC	Ṽ	LOW HO	/h <sub>1</sub> /	XX0E	Ṽ	HIGH HO	/h <sub>1</sub> /
AAAD	Ṽ	HIGH HO	/h <sub>4</sub> /	XX0F	Ṽ	LOW HO	/h <sub>2</sub> /
AAAE	Ṽ	LOW O	/ʔ <sub>1</sub> /	XX02	Ṽ	HIGH QO	/ʔ <sub>1</sub> /
AAAF	Ṽ	HIGH O	/ʔ <sub>4</sub> /	XX03	Ṽ	LOW QO	/ʔ <sub>2</sub> /
AAB0	Ṽ	MAI KANG	/a/	XX3B	Ṽ	MAAI KA	/ǎ/
AAB1	Ṽ	VOWEL AA	/a:/	XX30	Ṽ	VOWEL A	/a <sub>1</sub> /
AAB2	Ṽ	VOWEL I	/i/	XX31	Ṽ	VOWEL I	/i/
AAB3	Ṽ	VOWEL UE	/i/	XX37	Ṽ	VOWEL UE	/u/
AAB4	Ṽ	VOWEL U	/u/	XX35	Ṽ	VOWEL U	/u/
AAB5	Ṽ	VOWEL E	/ε/	XX33	Ṽ	VOWEL EH	/ε/

AAB6	◌	VOWEL O	/o/	XX3C	◌	MAAI KU	/u/
				XX3D	◌	MAAI KU	/u/
AAB7	◌	MAI KHIT	/ɔ/	XX36	◌	VOWEL E	/ə/
AAB8	◌	VOWEL IA	/i <sup>ə</sup> /	XX32	◌	VOWEL EE	/e/
AAB9	◌	VOWEL UEA	/i <sup>ə</sup> /	XX3A	◌	VOWEL AU	/ǎu/
AABA	◌	VOWEL UA	/ua/	XX34	◌	VOWEL OO	/o/
AABB	◌	VOWEL AUE	/əu/	XX39	◌	VOWEL AUE	/ǎu/
AABC	◌	VOWEL AY	/aj/	XX38	◌	VOWEL AI	/ǎi/
AABD	◌	VOWEL AN	/an/	XX1F, XX3B	◌	VOWEL AN	/ǎn/
AABE	◌	VOWEL AM	/am/				
				XX3E	◌	MAAI KAA	/a <sub>2</sub> /
				XX3F	◌	MAAI TSAM	/ɔ <sub>2</sub> /
AABF	◌	MAI EK	2, 5	XX40	◌	TONE SAK	2, 5
AACO	◌	MAI NUENG	2, 5				
AACI	◌	MAI THO	3, 6	XX4I	◌	TONE HOI	3, 6
AAC2	◌	MAI SONG	3, 6				
				XX42	◌	MAAI AA	9
AADB	◌	KON	/kon <sup>4</sup> /	XX58	◌	KUN	/kun <sup>1</sup> /
AADC	◌	NUENG	/niŋ <sup>5</sup> /	XX56	◌	NUENG	/nuŋ <sup>1</sup> /
				XX57	◌	BON	/bɔn <sup>1</sup> /
AADD	◌	SAM		XX59	◌	SAM	/sǎm <sup>1</sup> /
AADF	◌	KOI KOI					

			XX5A		MAA	/ma\
AADE		HO HOI	XX5E		MAAI SAM	
			XX5B		MAAI MEHT	
			XX5C		MAAI SAM	
			XX5D		MAAI SAM	
			XX5F		MAAI SAM	

#### 4 Character Properties

```

xx00;TAI DON LETTER HIGH BO;Lo;0;L;;;;N;;;;;
xx01;TAI DON LETTER LOW BO;Lo;0;L;;;;N;;;;;
xx02;TAI DON LETTER HIGH QO;Lo;0;L;;;;N;;;;;
xx03;TAI DON LETTER LOW QO;Lo;0;L;;;;N;;;;;
xx04;TAI DON LETTER HIGH DO;Lo;0;L;;;;N;;;;;
xx05;TAI DON LETTER LOW DO;Lo;0;L;;;;N;;;;;
xx06;TAI DON LETTER HIGH TSO;Lo;0;L;;;;N;;;;;
xx07;TAI DON LETTER LOW TSO;Lo;0;L;;;;N;;;;;
xx08;TAI DON LETTER HIGH KO;Lo;0;L;;;;N;;;;;
xx09;TAI DON LETTER LOW KO;Lo;0;L;;;;N;;;;;
xx0A;TAI DON LETTER HIGH XO;Lo;0;L;;;;N;;;;;
xx0B;TAI DON LETTER LOW XO;Lo;0;L;;;;N;;;;;
xx0C;TAI DON LETTER HIGH KHO;Lo;0;L;;;;N;;;;;
xx0D;TAI DON LETTER LOW KHO;Lo;0;L;;;;N;;;;;
xx0E;TAI DON LETTER HIGH HO;Lo;0;L;;;;N;;;;;
xx0F;TAI DON LETTER LOW HO;Lo;0;L;;;;N;;;;;
xx10;TAI DON LETTER HIGH TO;Lo;0;L;;;;N;;;;;
xx11;TAI DON LETTER LOW TO;Lo;0;L;;;;N;;;;;
xx12;TAI DON LETTER HIGH THO;Lo;0;L;;;;N;;;;;
xx13;TAI DON LETTER LOW THO;Lo;0;L;;;;N;;;;;
xx14;TAI DON LETTER HIGH PO;Lo;0;L;;;;N;;;;;
xx15;TAI DON LETTER LOW PO;Lo;0;L;;;;N;;;;;
xx16;TAI DON LETTER HIGH PHO;Lo;0;L;;;;N;;;;;
xx17;TAI DON LETTER LOW PHO;Lo;0;L;;;;N;;;;;
xx18;TAI DON LETTER HIGH TSHO;Lo;0;L;;;;N;;;;;
xx19;TAI DON LETTER LOW TSHO;Lo;0;L;;;;N;;;;;
xx1A;TAI DON LETTER HIGH FO;Lo;0;L;;;;N;;;;;
xx1B;TAI DON LETTER LOW FO;Lo;0;L;;;;N;;;;;
xx1C;TAI DON LETTER HIGH SO;Lo;0;L;;;;N;;;;;
xx1D;TAI DON LETTER LOW SO;Lo;0;L;;;;N;;;;;
xx1E;TAI DON LETTER HIGH NO;Lo;0;L;;;;N;;;;;

```

xx1F;TAI DON LETTER LOW NO;Lo;0;L;;;;N;;;;;  
xx20;TAI DON LETTER HIGH MO;Lo;0;L;;;;N;;;;;  
xx21;TAI DON LETTER LOW MO;Lo;0;L;;;;N;;;;;  
xx22;TAI DON LETTER HIGH LO;Lo;0;L;;;;N;;;;;  
xx23;TAI DON LETTER LOW LO;Lo;0;L;;;;N;;;;;  
xx24;TAI DON LETTER HIGH NGO;Lo;0;L;;;;N;;;;;  
xx25;TAI DON LETTER LOW NGO;Lo;0;L;;;;N;;;;;  
xx26;TAI DON LETTER HIGH VO;Lo;0;L;;;;N;;;;;  
xx27;TAI DON LETTER LOW VO;Lo;0;L;;;;N;;;;;  
xx28;TAI DON LETTER HIGH YO;Lo;0;L;;;;N;;;;;  
xx29;TAI DON LETTER LOW YO;Lo;0;L;;;;N;;;;;  
xx2A;TAI DON LETTER HIGH NYO;Lo;0;L;;;;N;;;;;  
xx2B;TAI DON LETTER LOW NYO;Lo;0;L;;;;N;;;;;  
xx30;TAI DON VOWEL AA;Lo;0;L;;;;N;;;;;  
xx31;TAI DON VOWEL I;Mn;230;NSM;;;;N;;;;;  
xx32;TAI DON VOWEL EE;Mn;230;NSM;;;;N;;;;;  
xx33;TAI DON VOWEL EH;Lo;0;L;;;;N;;;;;  
xx34;TAI DON VOWEL OO;Lo;0;L;;;;N;;;;;  
xx35;TAI DON VOWEL U;Mn;220;NSM;;;;N;;;;;  
xx36;TAI DON VOWEL E;Mn;230;NSM;;;;N;;;;;  
xx37;TAI DON VOWEL UE;Mn;230;NSM;;;;N;;;;;  
xx38;TAI DON VOWEL AI;Lo;0;L;;;;N;;;;;  
xx39;TAI DON VOWEL AUE;Lo;0;L;;;;N;;;;;  
xx3A;TAI DON VOWEL AU;Lo;0;L;;;;N;;;;;  
xx3B;TAI DON MAAI KA;Mn;230;NSM;;;;N;;;;;  
xx3C;TAI DON MAAI KU-1;Lo;0;L;;;;N;;;;;  
xx3D;TAI DON MAAI KU-2;Mn;230;NSM;;;;N;;;;;  
xx3E;TAI DON MAAI KAA;Mn;220;NSM;;;;N;;;;;  
xx3F;TAI DON MAAI TSAM;Mn;220;NSM;;;;N;;;;;  
xx40;TAI DON TONE SAK;Mn;230;NSM;;;;N;;;;;  
xx41;TAI DON TONE HOI;Mn;230;NSM;;;;N;;;;;  
xx42;TAI DON MAAI AA;Mn;230;NSM;;;;N;;;;;  
xx56;TAI DON SYMBOL NUENG;Lo;0;L;;;;N;;;;;  
xx57;TAI DON SYMBOL BON;Lo;0;L;;;;N;;;;;  
xx58;TAI DON SYMBOL KUN;Lo;0;L;;;;N;;;;;  
xx59;TAI DON SYMBOL SAM;Lo;0;L;;;;N;;;;;  
xx5A;TAI DON SYMBOL MAA;Lo;0;L;;;;N;;;;;  
xx5B;TAI DON SYMBOL MAAI MEHT;Po;0;L;;;;N;;;;;  
xx5C;TAI DON SYMBOL MAAI SAM-1;Po;0;L;;;;N;;;;;  
xx5D;TAI DON SYMBOL MAAI SAM-2;Po;0;L;;;;N;;;;;  
xx5E;TAI DON SYMBOL MAAI SAM-3;Po;0;L;;;;N;;;;;  
xx5F;TAI DON SYMBOL MAAI SAM-4;Po;0;L;;;;N;;;;;

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6 Figures

2. 金平傣文声母表

ᵛ	ᵛᵛ	ᵛᵛᵛ	ᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛ
ᵛᵛ	ᵛᵛᵛ	ᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ
ᵛᵛᵛ	ᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛ
ᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛ
ᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ
ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ

3. 金平傣文韵母表

ᵛ	ᵛᵛ	ᵛᵛᵛ	ᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ
ᵛᵛ	ᵛᵛᵛ	ᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ
ᵛᵛᵛ	ᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ
ᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ
ᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ
ᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ	ᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛᵛ

Figure 1 Initial chart and Final chart of Tai Don script [ECOHYAP, 1989]

4. 金平傣文例词例句

6,	象牙	ṇ	我	ṭṭ	脚
[ɣa <sup>43</sup> ]		[Ku <sup>33</sup> ]		[Xa <sup>33</sup> ]	
ε'n	鸡	ṭṭ	螺蛳	ṭṭ	角
[Kǎi <sup>55</sup> ]		[hoi <sup>33</sup> ]		[Xǎu <sup>33</sup> ]	

ṭṭ ṭṭ «n ṭṭ ṭṭ?

[tɕm<sup>43</sup> muiy<sup>33</sup> εk<sup>33</sup> tɕm<sup>55</sup> dǎu<sup>33</sup>]

你叫什么名字?

ṇ εy «ṭṭ ṭṭ «ṭṭ ṭṭ

[Ku<sup>33</sup> kǎi<sup>33</sup> ?εp<sup>43</sup> san<sup>33</sup> nen<sup>31</sup> tɕi<sup>31</sup>]

我现在读三年级。

ɣwn ṭṭ ṭṭ ṭṭ ṭṭ ṭṭ

[lok<sup>43</sup> sau<sup>33</sup> vpiy<sup>43</sup> day<sup>33</sup> xǎp<sup>55</sup>]

姑娘在唱歌。

# 第五课 代词、礼貌用语 ᵿᵿᵿᵿ 5

## 一、代词

/ku/	/xoy/	/lan/	/'phu/	/'hao/
我	我	我	我们	我们
平辈	小辈对长辈 或亲家	小辈对长辈	说明情况	和对方答话

Figure 3 Examples of Tai Don text [Luo, 2017]

/xεw ɔɔn/ 青	/pε/ 蓝	/lao/ 紫	/rranm/ 黑

Figure 4 Examples of Tai Don text [Luo, 2017]

**ISO/IEC JTC 1/SC 2/WG 2  
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS  
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646<sup>1</sup>.**

**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:	<b>Updated proposal to encode the Tai Don script in UCS</b>
2. Requester's name:	<i>Kushim JIANG</i>
3. Requester type (Member body/Liaison/Individual contribution):	<i>Individual contribution</i>
4. Submission date:	<i>April 1, 2021</i>
5. Requester's reference (if applicable):	
6. Choose one of the following:	
This is a complete proposal:	<input checked="" type="checkbox"/> <i>yes</i>
(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"/> <i>yes</i>	
Proposed name of script:	<i>Tai Don</i>	
b. The proposal is for addition of character(s) to an existing block:	<input type="checkbox"/>	
Name of the existing block:		
2. Number of characters in proposal:	<i>73</i>	
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"/>	B.2-Specialized (large 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?	<input checked="" type="checkbox"/> <i>yes</i>	
a. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?	<input checked="" type="checkbox"/> <i>yes</i>	
b. Are the character shapes attached in a legible form suitable for review?	<input checked="" type="checkbox"/> <i>yes</i>	
5. Fonts related:		
a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the standard?	<i>Kushim JIANG</i>	
b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):	<i>Kushim JIANG, kushim_jiang@outlook.com</i>	
6. References:		
a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?	<input checked="" type="checkbox"/> <i>yes</i>	
b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?	<input checked="" type="checkbox"/> <i>yes</i>	
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)?	<input type="checkbox"/>	

**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 behavior information such as line breaks, widths etc., Combining behavior, Spacing behavior, Directional behavior, Default Collation behavior, 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.

<sup>1</sup> 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>no</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>no</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>yes</i> <i>Luo Wenbin. 2017. Tai Don script Tutorial. Binge Design Studio. [Luo, 2017]</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>yes</i> <i>Jinping County, Yunnan Province, PRC</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>yes</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>no</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: Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided? If YES, reference:	<i>yes</i> <i>yes</i> <i>Combining characters are an inherent part of the writing system.</i> <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>