JTC1/SC2/WG2 N5218 2023-05-31

Universal Multiple-Octet Coded Character Set International Organization for Standardization Organisation Internationale de Normalisation Международная организация по стандартизации

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Title: Proposal to encode 114 Tangut components

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#### 1. Introduction

This document proposes to encode 114 Tangut components that are used for character indexing purposes in the recently-published dictionary of Tangut words, *Xīxiàwén Cídiǎn (shìsú wénxiàn bùfēn)* 西夏文词典(世俗文献部分) (Beijing: Zhongguo Shehui kexue chubanshe, 2021), compiled by Hán Xiǎománg 韓小忙. This is an immense nine-volume dictionary of secular Tangut vocabulary (i.e. not covering Buddhist literature, which is anticipated to be covered in a future dictionary), with entries for 6,150 Tangut characters (including 263 variant forms) spanning some 4,872 pages. This is the most important contribution to Tangut lexicography in a generation, and there is no doubt that it will remain the standard reference work for secular Tangut vocabulary for many years to come.

The final volume of the dictionary provides indices and appendices, including two separate Tangut character indices using radical and stroke-count lookup. The first radical index (vol. 9 pp. 2–94) is a radical index based on the left side or top part of a Tangut character, as is normal for Tangut dictionaries compiled in China, and comprises 444 primary radicals numbered LR1 through LR444, and 29 supplementary radicals numbered LR+1 through LR+29. All but ten of these 473 radicals are already encoded as Tangut components, and two of the ten unencoded radicals are alternative forms of encoded components where the alternative form (given in parentheses below) is only used to classify its own corresponding ideograph:

- LR364: 首(首) where the parenthetical form only indexes U+186D6 首

According to the principles adopted for encoding Tangut components, radicals that are only used to classify their own corresponding ideograph are not encoded separately (see WG2 N4636 = L2/14-228 *Proposal to encode Tangut radicals in the UCS* p. 5 point D). Therefore the two alternative form radicals shown above are not proposed for encoding.

The second radical index (vol. 9 pp. 95–196) is a radical index based on the right side or bottom part of a Tangut character, as is normal for Tangut dictionaries compiled in Russia (e.g. Kychanov's 2006 Tangut dictionary), and comprises 492 radicals numbered RR1 through RR492. 243 components are used as both left-side and right-side radicals, and 149 of the remaining right-side components are already encoded. This leaves 100 unencoded right-side components, as well as six unencoded alternative forms of encoded components. 41 of these 106 unencoded right-side components correspond to encoded ideographs, but the component is presented in different proportions (i.e. narrower) compared with the corresponding ideograph (e.g. RR479  $\frac{1}{100}$  compared with U+17C1E  $\frac{1}{100}$ ). In the original proposal to encode Tangut components (WG2 N4636 = L2/14-228), radicals which corresponded to ideographs were not excluded from separate encoding if they occurred as a radical for multiple characters, so on that basis, the 41 radicals corresponding to ideographs in Hán Xiǎománg's dictionary are included in this proposal.

Additionally, the following six radicals in the dictionary are unifiable with existing encoded components, so are not proposed for encoding:

- LR179 → = Component 326 → (柔柔)

#### 2. Proposed characters

In total, 114 Tangut components are proposed for encoding, as listed in Table 1. Assuming that the component numbering continues after U+18AFF TANGUT COMPONENT-768, the proposed characters would be named TANGUT COMPONENT-769 through TANGUT COMPONENT-882. However, the two components proposed in WG2 N5217 could be inserted before, after, or within this sequence.

The Tangut Components block (18800..18AFF) is completely full. Therefore the 114 Tangut components proposed in this document, and the two Tangut components proposed in N5217, will need to be allocated in a new Tangut Components Supplement block, with a recommended block size of 128 code points.

In the table below, the proposed glyph form of the radical is based on the code chart form of ideographs classified under this radical, and where the actual glyph form shown in Hán Xiǎománg's dictionary not exactly the same the dictionary form is given in parentheses. An example ideograph is given for each radical, and where this is a unifiable variant of an encoded character the corresponding encoded character form is given in parentheses. The seven radicals marked with an asterisk consist of a primary and secondary radical forms, and the proposed character is an unencoded secondary radical form (e.g. RR128 is listed in the dictionary as # ( # ) where # is Component 250, and # is not encoded).

**Table 1: Proposed Tangut Components** 

No.	Radical	Strokes	Glyph	Example Ideograph	Ideograph	Note
769	RR3	1		关		
770	RR4	1		頦		
771	RR14	2	为(为)	房,荔(荔)		1
772	RR34	3	1337	荔		
773	RR53	4	E	觚		
774	RR73	4	多(多)	绉		
775	RR81	4	Ť	<b></b>		
776	RR102	5	<b></b>	邾		
777	RR128*	5	甩	<b>乳(</b> )		
778	RR138	5	多(多)	<b></b>		
779	RR154	5	ť	茂芒		
780	RR160	5	43	計		
781	LR177	5	至(型)	<b></b>		2
782	LR190 RR185	5	肃	秕(秕),精(精)		3

 $<sup>^1</sup>$  RR14  $^{\circ}$  occurs in the two semantically-related characters U+17121 房  $kj!^2$  'scorched' and U+17C51 荔  $t\acute{s}jiw^2$  'burnt'. It looks like a cosmetic variant of Component 34  $^{\circ}$ , but it is consistently written as  $^{\circ}$  in *Homophones* and *Synonyms*, and so should actually be a distinct component. The code chart glyphs for U+17121 and U+17C51 should be corrected to show this component.

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 $<sup>^2</sup>$  LR177  $^{22}$  is used both as the unencoded head component in the ideographs  $\overline{\mathbb{R}}$  and  $\overline{\mathbb{R}}$ , and also as a left-side component corresponding to Component 323  $\frac{3}{2}$  in the ideographs  $\frac{3}{2}$  and  $\frac{3}{2}$  (in this usage it is the same as RR176 which corresponds to the right side of ideographs such as  $\frac{3}{2}$  and  $\frac{3}{2}$ ).

³ LR190/RR185 煮 (with a dot) contrasts with LR105 素 (without a dot) which is encoded as Component 198, and indexes U+17D0C 黻 in Hán Xiǎománg's dictionary. In Lǐ Fànwén's 2008 Tangut dictionary, which was the main source for the encoded Tangut repertoire, U+17D0B 戴 and U+180DF 赫 are both written with the dotless component, which are the forms inherited in the code charts. In 2014, we discussed the correct glyph forms for these and other related characters (see N4588R2 = L2/14-209R *Tangut glyph corrections* section 4.1 on pp. 82–83), but did not reach a conclusion. As the dotted forms of U+17D0B ಮ and U+180DF 插 used in Hán Xiǎománg's dictionary match the glyph forms shown in *Homophones*, it is reasonable to now update the code chart glyphs for these two characters to use the dotted form of the component.

No.	Radical	Strokes	Glyph	Example Ideograph	Ideograph	Note
783	RR189	5	<b>多</b>	5克	U+1724C 柔	
784	RR191	5	亥	敍		
785	RR193	6	礻	氚		
786	RR198	6	Q	<b>菱</b> 顶		
787	RR204	6	礼	氚	U+17000	
788	LR210	6	阑	颹		
789	RR226*	6	ਜ	莼		
790	LR231	6	庋	顔(顔)		
791	RR248	6	<b></b>	绡		
792	RR256	6	큵	豨		
793	RR261	6	豆	赮		
794	RR264	6	34	羄		
795	RR265	6	母子	營		
796	LR274 RR271	6	爻	<b>蒸(</b> 蒸), 食		4
797	RR274*	7	甬	<b></b>		
798	RR275	7	夏(夏)	葴	U+17100 夏	
799	RR276	7	节	幇	U+17684	
800	RR284	7	孔	飛		
801	RR294	7	虎	雜		
802	RR295	7	휚(휘)	缜	U+171CA	
803	RR296	7	支	核		
804	RR306	7	<b>爹(爹)</b>	撑		

 $<sup>^4</sup>$  RR187 has the same glyph as LR274/RR271  $^{\frac{7}{3}}$  (two dots), but is counted as five strokes. I suspect that the glyph for RR187 is a mistake for Component 343  $^{\frac{7}{3}}$  (only one dot), which is the expected component for the characters indexed under RR187.

No.	Radical	Strokes	Glyph	Example Ideograph	Ideograph	Note
805	RR320	7	三月	誦		
806	RR321*	7	鼍	<b></b>	U+185EA <b>元</b>	
807	RR323	7	灵(灵)	<b></b>		
808	RR324	7	礻	乖		
809	RR326	7	蒸(蒸)	夏		
810	RR332	7	圣父	擬		
811	RR337*	7	<b>老</b> .	尧		
812	RR340	7	4月	真		
813	RR341	7	覓	<b></b>		
814	RR347	8	<b>飛</b>	訊		
815	RR348	8	ĸ	₹ 7 1		
816	RR349	8	类	置		
817	RR353	8	級	級		
818	RR354	8	Ī	順		
819	RR355	8	Ī	順(順)		
820	RR356	8	Ē	反臣		
821	RR362	8	脱	猟	U+1713C	
822	RR365	8	<b>翁(翁)</b>	〈绮	U+1740C វ	
823	RR366	8	拳(拳)	<b>静</b>	U+1740E 拿	
824	RR368	8	良	菔		
825	RR374	8	前	続		
826	RR375	8	就	藏		
827	RR378	8	薊	颏		
828	RR379	8	<b>荠(荠)</b>	媎		

No.	Radical	Strokes	Glyph	Example Ideograph	Ideograph	Note
829	RR382	8	詳	朮	U+17430 祥	
830	RR385	8	荆	辯		
831	RR386*	8	<b>兰</b>	<b></b>	U+17BE6	
832	RR393	8	柔	藏	U+171E1	
833	RR395	8	录(录)	豯		
834	RR399	8	常	绿		
835	RR401	8	孝(孝)	形		
836	RR408	9	背	邢		
837	RR409	9	栈	纀	U+17363	
838	RR410	9	業(業)	<b></b>		
839	RR411	9	**(**)	缕		
840	RR413	9	带	常	U+1768D	
841	RR416	9	骄(骄)	纲系	U+17861 औ	
842	RR417	9	烮	袤	U+17012 <u></u>	
843	RR418	9	熈(熈)	Ř	U+1714B l	
844	RR419	9	쏀	熊	U+17160 肥	
845	RR420	9	緂	黻	U+17F08	
846	RR423	9	滋	艞		
847	RR425	9	弒	糺		
848	RR426	9	<b></b>	剎	U+1835E <b>近</b>	
849	RR430	9	灵	穏		
850	RR431	9	马角	競	U+1754D	
851	RR432	9	<b>尋</b>	륢	U+1754E 壽	
852	LR407 RR436	9	n <u>o</u>	麗 (麗),뛣		

No.	Radical	Strokes	Glyph	Example Ideograph	Ideograph	Note
853	RR438	9	柔	<b></b>		
854	RR439	9	耄	耄		
855	RR441	9	乖	蹴	U+1818F 森	
856	RR445	9	ム ( )	潾		
857	RR446	10	罰	調		
858	RR447	10	型(型)	縌	U+17D32	
859	RR448	10	<b></b>	茲	U+17690	
860	RR450	10	對交	裳	U+1769A	
861	RR451	10		貓		
862	RR457	10	<b>兼</b>	坐 <del>前</del> □Ң	U+187A4	
863	RR458	10	<b></b>	<b>黛</b>		
864	RR459	10	莼	<b> 焚</b>	U+1744C 莼	
865	RR460	10	<b>.</b>	<b></b>	U+17BE7	
866	RR461	10	瞉	<b></b>		
867	RR462	10	<b></b>	<b></b>		
868	RR465	10	群	舜		
869	RR468	10	<b>要</b>	夋		
870	RR469	10	祇	<b></b>	U+18672	
871	RR470	11	<b></b>	纁	U+1710A	
872	LR433 RR476	11	黄	鬉(鬉),頦		
873	RR478	11	<b>『</b>	氚	U+17555	
874	RR479	11	麓	新姓	U+17C1E	
875	RR480	12	嫒(嫒)	戏	U+17F57 愛	

No.	Radical	Strokes	Glyph	Example Ideograph	Ideograph	Note
876	RR487	12 (13)	栽(義)	<b></b>	U+18050	5
877	RR483	12	毵	厳	U+1876A 횇	
878	RR485	12	稿	織	U+187E3 稿	
879	LR443* RR486	13	<b>冬</b> (多)	意	U+187E5	
880	RR488	13	菱	薆	U+174B9	
881	RR490	13	證	榖	U+17C78	
882	RR491	14	葭	讀	U+181D2	

<sup>&</sup>lt;sup>5</sup> RR487 is listed under 13 strokes, and the dictionary glyph has a dot on right side (13 strokes); the three ideographs indexed under RR487 (U+18050 義, U+17AC1 繞, and U+181CD 稱) also show a final dot on the right side in the dictionary entries. However, the code chart glyphs for these three ideographs are all without a final dot, which matches the glyph forms shown in primary sources such as *Homophones* and *Sea of Writing* where none of the entries show a final dot on these three ideographs. Therefore, I believe that the final dot on RR487 and three associated ideographs in Hán Xiǎománg's dictionary should be a mistake, and propose to encode the dotless form of the component (12 strokes) rather than the actual form shown in the dictionary.

#### 3. Evidence

Xīxiàwén Cídiăn vol. 9 p. 69: LR177 <sup>±</sup>

#### LR177 母部

麓 (13) V 104 1.17 khwa

6)410

6410

麓 (16) V-20 1.22 khwaa

6)411

TICH-TICH

扭 (11) V21 2.56 ka ⑥411

爺 (17) IX5 2.72 rjir ⑥412

Xīxiàwén Cídiǎn vol. 9 p. 70: LR190 肃

LR190 肃部



訛 (07) V-14 1.26 kjwã ⑥491

Xīxiàwén Cídiăn vol. 9 p. 72: LR210 ⅓

LR210 图部

願 (12) VI 128 1.17 sa ⑦50

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Xīxiàwén Cídiǎn vol. 9 p. 74: LR231 良

# LR231 良部



**遠** (08) Ⅱ-34 1.23 xjwe

7161

旗 (14) II-14 1.10 xjwi

7161

Xīxiàwén Cídiăn vol. 9 p. 80: LR274 💈

LR274 爻部



**蒸** (10) W22 1.28 siə ⑦581

叕 (11) W195 2.43 dźio ⑦582

類 (11) I-28 1.3 mju ⑦582

刻 (11) V 70 2.33 gjij ⑦583

蒸 (11) Ⅲ135 2.45 noo ⑦583

Xīxiàwén Cídiăn vol. 9 p. 92: LR407

# LR407 夏部

TIDE-TIDE

厑 (13) Ⅱ-7 2.72 wjir

**®**517

鬷 (15) Ⅱ13 2.52 wjų

®517

蔥 (11) IX21 1.49 lo

( 蔥之异体字)

®575

8)575

**®575** 

Xīxiàwén Cídiǎn vol. 9 p. 94: LR443 ( ) ( ) ( )

LR443 夐 ( 🎍 ) 部

敻 (13) I 22 2.25 bə ⑧603

TIDE-TIDE

鮫 (18) I 22 2.25 bə ⑧605

Xīxiàwén Cídiăn vol. 9 p. 103: RR3 🛝

# RR3 \部

关 (07) IX 124 2. 37 ljij ③483

Xīxiàwén Cídiǎn vol. 9 p. 103: RR4 .

RR4 \部

\* \* \*

四个四—四个四

**藁** (11) IX21 1.49 lo

**鄭** (15) Ⅶ24 (声调不详) dźjɨ

順 (10) IX-? 2.11 lee

( 順之异体字)

(1)335

Xīxiàwén Cídiăn vol. 9 p. 106: RR14 7/6 ( 7/2)

RR14 为部

**B** (08) V81 2.61 kji ①204

Xīxiàwén Cídiăn vol. 9 p. 121: RR34 💈

# 

60F-60F

尨 (07) IX157 2.48 lhiow

3456

揩 (08) Ⅲ147 2.10 dji ⑥174

頦 (09) VI-78 1.33 swej ⑦324

第章 (11) VI23 1.54 sow ⑧343

稽 (11) Ⅶ-37 2.23 dźiã

( 穫之异体字)

364

蔻 (11) Ⅶ-37 2.23 dźiã ③64

*Xīxiàwén Cídiăn* vol. 9 p. 126: RR53 €

# RR53 尼部

孤 (09) I 5 2.68 mjijr ③302

觚 (12) I-133 1.74 mjijr

8385

Xīxiàwén Cídiǎn vol. 9 p. 134: RR73 🕏 ( 🕏 )

# RR73 多部

≸ (08) II 52 2.33 djij

(4)26

錢 (08) Ⅲ52 2.33 djij ④591

Xīxiàwén Cídiăn vol. 9 p. 135: RR81 🕇

RR81 首部



Xīxiàwén Cídiăn vol. 9 p. 139: RR102 ₹

RR102 科部



郴 (09) I 61 1.20 pja ③717

翐 (12) I 61 1.20 pja ②37

揪 (13) I 61 1.20 pja ②42

Xīxiàwén Cídiǎn vol. 9 p. 145: RR128 凡

# 

1631

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Xīxiàwén Cídiăn vol. 9 p. 148: RR138 💈 ( 🖇 )

# RR138 多部

Xīxiàwén Cídiǎn vol. 9 pp. 151–152: RR154 ੯

Xīxiàwén Cídiăn vol. 9 p. 153: RR160 🖠

# RR160 営部



帮 (10) WI-97 1.21 ·jaa ⑥308

Xīxiàwén Cídiǎn vol. 9 p. 159: RR185 煮

RR185 肃部

請 (10) Ⅷ-93 1.26 ·jwã ⑥256

Xīxiàwén Cídiǎn vol. 9 p. 160: RR189 名

RR189 **桑部** 

**乳** (05) I 126 2.3 pju ①522 ⊕□☞───⊕□☞

疑 (07) I 13 2.25 mə ①571 ⑤⑤↘──⑥⑤↘

羄 (12) V 191 2.38 kew ②573

Xīxiàwén Cídiăn vol. 9 p. 160: RR191 🕏

# RR191 玄部



**丝** (10) VI 124 1.17 tswa ④613

(11) I 83 2.8 bie 5323

쬱 (11) I 83 2.8 bie ⑥454

് (13) I 26 2.3 bju 8219

菱 (13) Ⅲ78 1.63 da ③96

Xīxiàwén Cídiăn vol. 9 p. 160: RR193 n

### RR193 礼部



釽 (10) IX57 2.9 lji ④71

菰 (10) IX75 2.30 lej 3319

菰 (12) IX76 1.33 lej ⑥357

瓢 (13) V 122 1.30 kji ⑧294

Xīxiàwén Cídiăn vol. 9 p. 161: RR198 🖗

# RR198 页部



颏(10) I 70 1.39 mjiij ④93

類(16) V 25 1.36 khjij ⑧556

Xīxiàwén Cídiăn vol. 9 p. 162: RR204 📶

# RR204 礼部

礼 (06) Ⅲ55 1.49 do ①1
⑤↓⑤——⑤↓⑤

荒 (10) Ⅲ55 1.49 do ③52 ⑥□☞——⑥□☞

氚 (11) V 176 2.6 gjuu ⑥103

氚 (12) IX153 (声调不详) la

7123

Xīxiàwén Cídiăn vol. 9 p. 166: RR226 ‡

# 

鎮 (10) IX-? 1.56 ljow ④128

辦 (10) I-36 2.73 mar ③503

荔(14)IX43 2.49 lhjow ⑦501

辦 (15) I 124 1.83 maar

3167

#### \* \* \*

薙 (12) V112 1.30 khjwi

7)475

Xīxiàwén Cídiǎn vol. 9 p. 170: RR248 育

# RR248 首部

绡 (10) V 80 2.85 kjiir ④147

鞘 (13) V 47 2.70 kjur ⑧234

Xīxiàwén Cídiǎn vol. 9 p. 173: RR256 青

### RR256 青部

常(11)W130 2.12 śjwii

6162

豨 (13) W176 2.61 dźjɨ ⑧44

Xīxiàwén Cídiăn vol. 9 p. 174: RR261 🛱

# RR261 良部

媛 (14) VI-36 2.7-e ④445

Xīxiàwén Cídiǎn vol. 9 p. 174: RR264 罩

# RR264 犁部



缉 (10) Ⅲ33 2.47 thow ④151

顙 (15) IX61 2.47 low ④495

Xīxiàwén Cídiăn vol. 9 p. 174: RR265 🕏

RR265 **罗**部

鶯 (11) Ⅲ67 1.67 tji ⑤436

Xīxiàwén Cídiǎn vol. 9 p. 175: RR271 ₹

RR271 爻部

**食** (10) Ⅲ35 2.71 ner ③395

Xīxiàwén Cídiăn vol. 9 p. 175: RR274 🛱

RR274 幕 ( 晃 ) 部

舜 (09) Ⅲ113 1.68 tə ①588

\* \* \*

猟 (11) IX34 1.30 lhji ④184

Xīxiàwén Cídiǎn vol. 9 p. 175: RR275 夏 (夏)

### RR275 夏部

檍 (11) ₩40 1.34 yiej ③413

Xīxiàwén Cídiǎn vol. 9 p. 175: RR276 ∜

### RR276 节部

 ず(07) II 55 1.49 do
 ③48

 毎□ぼ──毎□ぼ

幇 (11) I 143 2.6 mjuu ③2

請 (12) IX 105 2.55 ljɨj ⑥314

Xīxiàwén Cídiăn vol. 9 p. 176: RR284 🖡

# RR284 **孔**部



麗 (11) II 31 1.64 wja ③13

羆 (11) Ⅲ146 1.11 dji ③241

麗 (11) I 1 2.10 bji 3267

猟 (12) VI7 1.42 dzjɨj ④297

稱 (13) III 131 1.3 djwu ⑦551

Xīxiàwén Cídiăn vol. 9 p. 177: RR294 k

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雜 (11) VI26 1.11 sji ③579

藁 (16) VI26 1.11 sji ③179

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有 (07) Ⅲ17 2.33 thjij ①415

頦 (11) Ⅲ64 1.5 duu ④220

願 (13) Ⅲ17 2.33 thjij ⑦83

Xīxiàwén Cídiăn vol. 9 p. 177: RR296 💈

# RR296 支部

# RR306 **芩**部

酵 (10) V 170 1.9 kiwe ②86

琴 (10) WI 104 1.3 xju ②583

形 (11) WI5 1.57 sioow 231

琴 (12) WI-119 1.9 siwe ⑥485

Xīxiàwén Cídiǎn vol. 9 p. 180: RR320 🛱

# RR320 青部

闢 (15) W34 1.2 tśju ⑧237

Xīxiàwén Cídiǎn vol. 9 p. 180: RR321 青

# RR321 景 ( 是 ) 部

帰 (09) IX8 2.14 la

\* \* \*

甬 (07) IX62 1.3 ljwu ⑧237 605-605

虒 (09) IX8 2.14 la ①331

穲 (13) VI-18 2.38 dzew

Xīxiàwén Cídiăn vol. 9 p. 180: RR323 ₹ (₹)

RR323 菱部

髮 (09) IX115 1.3 lhju ①600

Xīxiàwén Cídiǎn vol. 9 p. 180: RR324 献

RR324 配部

厑 (09) I 79 1.61 mjij ①332

菰 (10) I 79 1.61 mjij ②87

Xīxiàwén Cídiǎn vol. 9 p. 180: RR326 幕 ( 幕 )

# RR326 幹部



鄾 (16) VI 137 2.28 dzjwi

®481



鄭 (20) VI 137 2. 28 dzjwi

3206

Xīxiàwén Cídiăn vol. 9 p. 181: RR332 💈

# RR332 麦部

缓 (13) Ⅲ147 2.10 dji ④374

擬 (15) VI3 2.60 dzji ⑧361

聚 (15) VI92 2.86 tsjiir ⑧443

Xīxiàwén Cídiǎn vol. 9 p. 182: RR337 煮

 精 (13)
 I 145 1.59 pju
 ⑦88

\* \* \*

獇 (09) VII-48 2.44 śjo ①601

Xīxiàwén Cídiǎn vol. 9 p. 183: RR340 青

# RR340 育部

計 (15) IX48 1.49 lwo ⑧347

蕉 (14) V-112 1.95 khjoor

(2)334

Xīxiàwén Cídiǎn vol. 9 p. 183: RR341 食

### 

筑 (09) I 101 1.69 bji ①602

純 (12) Ⅲ20 2.42 to

4364

猟 (13) Ⅲ20 2.42 to ④428

毹 (14) WI45 1.10 tšhji ⑧318

Xīxiàwén Cídiăn vol. 9 p. 183: RR347 #

# RR347 共部



梵 (10) WI105 1.66 yie ①517

糀 (11) IX 172 2.60 źji ②562

谻 (11) V14 1.84 ŋwər ②584

*Xīxiàwén Cídiăn* vol. 9 p. 184: RR348 <sup>™</sup>

#### 



マ版 (11) IX4 1.67 lji ②503

聚 (13) II 45 1.27 wə ⑤206

靴 (15) ₩162 2.54 dźjij

Xīxiàwén Cídiǎn vol. 9 p. 184: RR349 ♯

RR349 英部

60F-60F

置 (13) ₩44 2.74 ·jar ①129

*Xīxiàwén Cídiăn* vol. 9 p. 184: RR353 ∰

# RR353 孤部

**觙** (09) **№**16 2.68 rjijr

1)60

**楓** (12) VI13 1.68 tsə ③467

鐝 (15) I 22 2.25 bə ⑧77

Xīxiàwén Cídiăn vol. 9 p. 184: RR354 🛭

RR354 夏部

605-605

順 (10) IX-? 2.11 lee ①335

Xīxiàwén Cídiăn vol. 9 p. 184: RR355 🛭

RR355 夏部

603-603

順 (10) IX-? 2.11 lee

1335

# Xīxiàwén Cídiǎn vol. 9 p. 184: RR356 克RR356 配部

Xīxiàwén Cídiǎn vol. 9 p. 185: RR362 順 RR362 順部

巍 (17) ₩-26 2.53 yiej ②386

Xīxiàwén Cídiǎn vol. 9 p. 185: RR365 着 ( 着 )

# 

7278

Xīxiàwén Cídiǎn vol. 9 p. 185: RR366 着 ( 着 )

# RR366 **拿部**

Xīxiàwén Cídiǎn vol. 9 p. 186: RR368 良

# RR368 良部

Xīxiàwén Cídiǎn vol. 9 p. 186: RR374 前

### 



能 (09) Ⅲ107 1.3 nju ②212

鎌 (13) Ⅲ54 2.10 nji ④398

��(13)V-135 2.33 kjij ⑥47

謊 (15) Ⅱ16 1.77 wer ⑦299

**述** (18) VI101 1.30 sjwi ⑧538

麓 (16) I 19 1.51 mjo ②376

Xīxiàwén Cídiǎn vol. 9 p. 186: RR375 蕠

## 



就 (09) IX163 1.63 lwa ①62

��(12)Ⅷ25 1.7 ·juu ④327

瀧 (13) Ⅲ57 1.54 dow ⑤241

Xīxiàwén Cídiǎn vol. 9 p. 186: RR378 着

# RR378 刻部



樽 (13) Ⅲ148 1.64 nja ⑥423

隧 (13) II 159 2.52 tjų ⑤201

*Xīxiàwén Cídiǎn* vol. 9 p. 186: RR379 著(著)

# 

娣 (14) Ⅲ60 1.30 nji ⑦156

Xīxiàwén Cídiăn vol. 9 p. 187: RR382 🛊

### RR382 **首部**

詳 (08) I 35 2.25 phə ②208 毎□☞──毎□☞

構 (11) Ⅲ115 1.87 dewr ②66

莆 (13) Ⅷ92 2.42 ⋅ 。 ⑤223

辦 (16) Ⅲ<sub>切的</sub> 1.87 tewr

辦 (17) Ⅲ<sub>切的</sub> 1.87 tewr ⑦460

## 



謂 (11) Ⅲ-128 2.6 njuu ②504

બ (13) Ⅲ9 2.3 nju ④426

Xīxiàwén Cídiăn vol. 9 p. 187: RR386 🛱

60g-60g

漢荊 (14) II 14 1.59 wjų ⑦438

第 (15) V122 1.30 kji ⑧308

\* \* \*

鏡 (14) Ⅱ14 1.59 wjų

(7)439

Xīxiàwén Cídiăn vol. 9 p. 187: RR393 🕺

# 

並 (08) IX 10 2. 37 rjij ①437

烻 (12) IX16 2.68 rjijr ③468

麓 (16) IX10 2.37 rjij ②384

 $X\bar{i}xia$ wén Cídiăn vol. 9 p. 188: RR395  $\creat{3}$  ( $\creat{3}$ )

# RR395 孝部



禄(13) I 24 1.30 mji ⑤82

殩 (13) №53 1.2 dźjwu ⑤208

Xīxiàwén Cídiăn vol. 9 p. 188: RR399 <sup>†</sup> ₹

# RR399 散部

脈 (10) IX-? 1.54 lwow ①345

鎌 (12) Ⅶ134 1.42 tśhjwɨj

4350

斌 (13) VI111 1.1 tshu ⑥372

Xīxiàwén Cídiǎn vol. 9 p. 188: RR401 耋 ( 耋 )

# RR401 **孝**部



**醪** (12) II 54 2.42 wo ③227

缪 (12) II 54 2.42 wo ④352

饕 (15) IX15 1.11 zji 8309

Xīxiàwén Cídiăn vol. 9 p. 189: RR408 ₹

RR408 胃部

60F-60F

帮 (12) VI118 1.3 tshjwu

2)584

邢 (13) V194 (声调不详) khiwə

327

帮 (14) VI 143 1.32 tshjii

6)423

# Xīxiàwén Cídiǎn vol. 9 p. 189: RR409 核 RR409 杉部

找 (09) I 60 2.17 bja ②47

 i
 (11)
 V 43 1.87 ŋewr ①347

媄 (13) I 66 1.20 phja ④368

戰 (19) Ⅲ-2 2. 22 thwã ⑧538 ⑤ → ⑥ →

**莨** (13) ₩34 1.63 γ<sub>4</sub> ②293

義 (20) V18 1.61 gjij ⑧205

麓 (21) V-128 2.64 kjo ①155

Xīxiàwén Cídiǎn vol. 9 p. 189: RR410 菜(菜)

#### RR410 **苯部**

60F-60F

膵 (11) Ⅲ151 1.3 dju ①348

**撑** (13) VI3 2.60 dzjj 3360

 $X\bar{i}$ xiàwén Cídiǎn vol. 9 p. 189: RR411  $\S$  (  $\S$  )

RR411 **夢**部

缪 (13) I 87 2.42 bo ④373

襚 (15) I 87 2.42 bo ⑦444

Xīxiàwén Cídiǎn vol. 9 p. 189: RR413 常 RR413 常

第(09)Ⅶ-29 1.26 dźjwã ③51 ⑤□☞──⑥□☞

蔴 (16) VI-159 1.24 dzã ③647

Xīxiàwén Cídiǎn vol. 9 p. 190: RR416 骄 ( 骄 )

RR416 **郊**部

**郊** (10) Ⅱ 29 1.31 wəə ③302 ⑤↓⑤——⑤↓⑤

葬 (13) Ⅷ-104 2.49 ·jow

2)292

葬 (14) Ⅸ-? (声韵不详)

3124

葬 (15) IX-? 2.17 lhja ⑥418 ⑥□☞──⑥□□

郷 (14) II 30 1.31 wəə ④443

# $X\bar{i}$ xiàwén Cídiǎn vol. 9 p. 190: RR417 $\overline{\mathbb{X}}$ 部

**叙** (14) VI113 2.38 tshew 53332

Xīxiàwén Cídiǎn vol. 9 p. 190: RR418 縣 ( 縣 )

## RR418 脱部

朓 (09) I 41 1.11 mji ①267 ⑤⇩⑤——⑤⇩⑤

Ř (13) Ⅲ-69 2.73 -ar ③87 ⑤⑤ ┪——⑥⑤ ┪

艞 (15) Ⅲ145 2.19 naa ①676

# Xīxiàwén Cídiǎn vol. 9 p. 190: RR419 瓶 RR419 脈部

脈 (10) V-24 1.75 gur ①338 ⑤↓⑤——⑤↓⑤

能 (13) V173 1.47 gjiiw

2294

麓 (14) V173 1.47 gjiiw

3125

麓 (15) I 57 1.2 bju ⑤60

麓 (15) IX60 2.66 rejr ⑥142

**荻** (12) Ⅲ148 1.64 nja ②271

荻 (13) W63 1.16 śji 391

(14) (声韵不详)⑥289⑥⑤⑥□⑥□⑥□

羅 (22) V117 1.5 guu ⑧393

Xīxiàwén Cídiǎn vol. 9 p. 190: RR423 莨

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鐵 (13) V 80 2.85 kjiir ④399

Xīxiàwén Cídiǎn vol. 9 p. 190: RR425 煮

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麓 (11) VI79 1.87 tsewr ②245

織 (15) VI79 1.87 tsewr ⑤336

纖 (16) VI99 1.42 dzjij ⑥79

Xīxiàwén Cídiǎn vol. 9 p. 190: RR426 並

## RR426 能部

**鄭** (09) Ⅷ96 1.71 ·io ⑦264

能 (13) ₩96 1.71 ·io ③98

靴 (14) V87 1.68 kwə ⑥265

Xīxiàwén Cídiǎn vol. 9 p. 191: RR430 遠

## 



dd (14) II 59 2.23 wiā 4460

**続** (14) IX5 2.72 rjir ⑤334

Xīxiàwén Cídiăn vol. 9 p. 191: RR431 💈

RR431 **晨部** 

蠶 (19) Ⅲ40 2.28 dji ⑧558

Xīxiàwén Cídiǎn vol. 9 p. 191: RR432 蒻

RR432 弱部

弱 (09) Ⅲ3 2.41 neew ②411 每□☞───每□☞

艜 (14) Ⅲ3 2.41 neew ⑤334

Xīxiàwén Cídiăn vol. 9 p. 191: RR436 👼

## RR436 夏部



[類 (16) II 19 2.68 wjijr

**①151** 

熥 (18) Ⅲ69 2.60 tji

2191

Xīxiàwén Cídiăn vol. 9 p. 191: RR438 ₹

## RR438 **柔部**



巍 (11) Ⅱ18 2.71 wer ①636

厩 (14) Ⅷ-19 2.22 yā ⑤153

缀 (15) Ⅲ51 2.38 dew ④524

綴 (16) VI48 2.52 dzjų ⑤390

Xīxiàwén Cídiăn vol. 9 p. 191: RR439 ₹

## 



邕 (10) V 147 1.79 kjir ①87

郺 (13) VI60 1.30 tsjwi ④417

獲 (15) V-45 2.77 ŋjɨr ⑦450 ⑤⑤ → ⑥⑤ →

蓬 (19) VI60 1.30 tsjwi ③655

 $X\bar{\imath}xiàwén$  Cídiǎn vol. 9 p. 191: RR441  $\bar{\pi}$ 

## 

蹴 (13) W126 2.32 dźjwij

3286

麓(13) V-21 2.57 kja ③470

 $\it X\bar{\imath}xi\grave{a}w\acute{e}n$  Cídiǎn vol. 9 p. 192: RR445  $\, \mbox{\mbox{\mbox{$\mbox{$\mbox{$\alpha$}}$}}}$  (  $\, \mbox{\mbox{\mbox{$\mbox{$\mbox{$\mbox{$\gamma$}}$}}}$ 

### 

60g—60g

胮 (11) I 145 1.59 pjų ①371

済 (14) Ⅲ191 1.32 djii ⑥230

Xīxiàwén Cídiăn vol. 9 p. 192: RR446 3

## RR446 罰部



禤 (13) WI48 2.32 dźjij ②89

類 (14) II 2 2.7 we ④430

謂 (15) V-108 1.7 kjuu ⑤223

7 (15) (声韵不详) ⑤246

爾 (16) I 163 1.5 puu ⑦263

類 (16) I 158 2.8 phie ⑦454

預 (17) IX37 2.71 rer ⑧50

## RR447 **亚**部

龙 (10) W135 2.32 dźjwij ⑤1

60F-60F

|魘 (12) WI 126 2.32 dźjwij

1)374

羅 (14) WI135 2.32 dźjwij

4)433

襚 (15) Ⅲ24 2.28 njwi ⑤214

縱 (15) ₩61 1.17 ·a ⑤335

# Xīxiàwén Cídiǎn vol. 9 p. 192: RR448 萩 RR448 萩 部

找 (10) IX71 1.60 liej ③52

辍 (12) IX123 1.66 lie ①640

缀 (14) I -1 1.66 bie ④434

黻 (15) IX71 1.60 liej ⑤335

퐩 (15) IX71 1.60 liej ⑥469

Xīxiàwén Cídiăn vol. 9 p. 192: RR450 💈

## RR450 菱部

預 (14) WI30 2.44 tshjo ③230

裳 (16) W108 1.79 tśjir ⑦455

Xīxiàwén Cídiǎn vol. 9 p. 192: RR451 牚

## 

缵 (14) Ⅱ40 1.15 wē ④437

第(15)II 40 1.15 wē ⑥68

類 (16) V2 1.17 ka ⑦455

Xīxiàwén Cídiǎn vol. 9 p. 193: RR457 常 RR457 常部

**発** (10) IX61 2.47 low ⑧542 毎□☞──毎□☞

慌 (16) I 149 1.9 pie ⑦230 ⑤⑤↘——⑥⑤↘

韈 (20) I 149 1.9 pie ③207

Xīxiàwén Cídiǎn vol. 9 p. 193: RR458 爺



雜 (13) VI118 1.3 tshjwu

2585

鎌 (14) VI66 1.77 tser ④452

纁 (15) VI49 2.3 sju ⑤389

鎌 (15) VI12 1.68 tsə ⑥73

鎌 (19) VI12 1.68 tsp ③204

Xīxiàwén Cídiǎn vol. 9 p. 193: RR459 並 RR459 並部

麓(14) IX97 2.54 ljwij ③709

姓(15) V-94 2.38 khew

3456

Xīxiàwén Cídiǎn vol. 9 p. 193: RR460 歳

能 (10) V 67 2.29 khjii ③484 每□☞——每□☞

烯 (11) V 168 1.6 khjuu ①175

Xīxiàwén Cídiǎn vol. 9 p. 193: RR461 袁

## RR461 晨部



T菔 (13) II 31 1.64 wja ②2

稿 (13) VI118 1.3 tshjwu

2585

ɗ (14) VI12 1.68 tsə ④456

穢 (15) IX57 2.9 lji ⑥168

競 (16) Ⅲ135 2.45 noo ⑦587

競 (19) IX189 1.32 ljii ⑧524

麓 (18) VI 12 1.68 tsə ③198

Xīxiàwén Cídiǎn vol. 9 p. 193: RR462 素

## 



顙 (14) I 44 1.32 mjii ④461

元 (14) IV3 2.48 niow 3328

黛 (15) I 44 1.32 mj# ⑥77 

鎌 (18) I 45 2.29 mjii

鎌 (19) I 45 2.29 mjii ③205

Xīxiàwén Cídiǎn vol. 9 p. 193: RR465 茸

## RR465 群部



쯁 (12) IX 134 2.2 źju ①661

 群 (16)
 I 切前
 2.2 pju
 ⑦231

 辫 (16)
 I 17 1.20 mja
 ⑦472

Xīxiàwén Cídiǎn vol. 9 p. 193: RR468 賞

## 



**缓** (14) IX64 1.22 laa ④476

竣 (16) I 69 2.14 ba ⑦158

**穣** (16) IX93 1.76 rjur ⑦642 ⑤⑤ → ⑥⑥ →

菱 (17) V4 2.48 ŋjow ②390

Xīxiàwén Cídiǎn vol. 9 pp. 193-194: RR469 좪

## RR469 配部

靴 (10) Ⅶ-129 1.51 dźjo

8324

**靴** (13) WI-23 (声韵不详)

2323

**烻** (15) V71 1.36 gjij ⑤462

獺 (16) ₩39 2.60 ·ji ⑦459

(21) V 54 2.10 gji 3364

## Xīxiàwén Cídiǎn vol. 9 p. 194: RR470 歳

## 

龍 (11) IX14 2.10 zji ①188 ⑥□☞──⑥□☞

榹 (14) IX133 2.61 zji ②67

纁 (15) IX14 2.10 zji ④476

麵 (17) IX14 2.10 zji ⑦491

## RR476 **页**部

@Q@—@Q@

## Xīxiàwén Cídiǎn vol. 9 p. 195: RR478 🗟

## RR478 配部

龍 (11) I 36 1.27 phə ②433 毎□☞──毎□☞

ຼດດີ (15) I 35 2.25 phə ③289

燻 (16) I 35 2.25 phə ⑤463

Xīxiàwén Cídiǎn vol. 9 p. 195: RR479 澈

## RR479 祕部

്ഡ (11) Ⅲ149 1.21 njaa ③551 ⑤↓⑤——⑤↓⑤

襚 (14) Ⅲ157 1.1 nu ②410

麓 (14) Ⅲ2 1.17 na ②342

襚 (15) Ⅲ149 1.21 njaa ③168

艞 (13) Ⅲ149 1.21 njaa ①669

颁 (15) V28 1.54 kow ④519

颁 (16) IX-? 1.60 lej ⑥88

# Xīxiàwén Cídiǎn vol. 9 p. 195: RR480 鬚 (鬚) RR480 Z 部

**愛** (12) IX148 2.25 lə ⑤444

鹱 (14) VI59 2.81 tsior ①671

## 

斃 (12) №7 1.56 dźjow ⑧509

**死** (14) V3 2.14 ka (**変**之异体字) ①431

蘣 (14) V3 2.14 ka ①468

菱 (16) I-129 2.34 pheej

③183 鄞 (17) V-51 2.73 kar ⑤131

605-605

躗 (13) I 161 2.20 phiaa

1135

膨 (14) VI-47 1.8 dze ①403

**J** (16) WI-10 1.56 tshjow

**4**540

|| (16) VI-40 1.86 tsjwir

3418

微 (17) W75 1.92 dźjiir ④576

Xīxiàwén Cídiǎn vol. 9 p. 195: RR485 荒

### RR485 荒部

荒 (12) Ⅲ151 1.3 dju ③612 毎□☞──毎□☞

爒 (16) ₩26 1.11 ·ji ④552

鎌 (20) ₩26 1.11 ·ji ③207

Xīxiàwén Cídiǎn vol. 9 pp. 195–196: RR486 ( 🗯 )

## RR486 퉟 部

(13) I 22 2.25 bə ⑧603 ⑤□☞──⑥□☞

**隱** (17) I-105 1.31 bəə

3)472

i (18) VI 118 1.3 tshjwu

**6**117

Xīxiàwén Cídiăn vol. 9 p. 196: RR487 栽(義)

## 

薙 (17) Ⅷ-61 1.9 yiwe ④560

雜 (18) ₩78 2.51 ·wu ⑥469

Xīxiàwén Cídiăn vol. 9 p. 196: RR488 👸

## 

類 (18) Ⅶ<sub>切前</sub> 1.64 tśją (菱之异体字) ⑤97

薆 (21) Ⅷ<sub>切前</sub> 1.64 tśją ③211

Xīxiàwén Cídiǎn vol. 9 p. 196: RR490 意

## 

粮 (15) Ⅲ66 2.20 niaa ①513

## 

養 (18) IX138 1.7 źjuu ③654 毎□☞──毎□☞

臓 (16) I 35 2.25 phə ①410

i酸 (19) I-11 2.14 pa ⑥293

### 4. Proposal Summary Form

#### SO/IEC JTC 1/SC 2/WG 2

#### PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646.6

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

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

Please ensure you are using the latest Form from <a href="http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html">http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html</a>. See also <a href="http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html">http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html</a>. See also <a href="http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html">http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html</a>. See also <a href="http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html">http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html</a>. See also <a href="http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html">http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html</a> are represented from the second from the

#### A. Administrative

2. Requester's name:  3. Requester type (Member body/Liaison/Individual contribution):  4. Submission date:  2023-05-31		
4 Cubmission data		
5. Requester's reference (if applicable):		
6. Choose one of the following:  This is a complete proposal:  YES		
(or) More information will be provided later:		
B. Technical – General		
Choose one of the following:		
a. This proposal is for a new script (set of characters):  YES		
Proposed name of script: Tangut Components Supplement		
b. The proposal is for addition of character(s) to an existing block:		
Name of the existing block:		
2. Number of characters in proposal: 114		
3. Proposed category (select one from below - see section 2.2 of P&P document):		
A-Contemporary B.1-Specialized (small collection) B.2-Specialized (large collection)		
C-Major extinct D-Attested extinct E-Minor extinct		
F-Archaic Hieroglyphic or Ideographic X G-Obscure or questionable usage symbols		
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?  b. Are the character shapes attached in a legible form suitable for review?  YES  YES		
<ol><li>Fonts related:</li><li>a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the</li></ol>		
standard?		
Andrew West		
b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):		
Andrew West		
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?  7. On a pick are attached?		
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)?		
procentation, contains, coardining, machining, transmitted and coardinates and contains and cont		
8. Additional Information:		
Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Scrip	t	
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 behaviour, Spacing behaviour, Directional behaviour, Defa	ult	
Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at <a href="http://www.unicode.org">http://www.unicode.org</a> for such information on other scripts. A	lso	

see Unicode Character Database (<a href="http://www.unicode.org/reports/tr44/">http://www.unicode.org/reports/tr44/</a>) and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

<sup>&</sup>lt;sup>6</sup> Form number: N4102-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

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