

Universal Multiple-Octet Coded Character Set
International Organization for Standardization
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Международная организация по стандартизации

Doc Type: Working Group Document**Title: Proposal to encode Tangut Radicals and CJK Strokes in the UCS****Source: Michael Everson and Andrew West****Status: Individual Contribution****Action: For consideration by JTC1/SC2/WG2 and UTC****Date: 2008-09-01**

1. Introduction. Richard Cook’s proposal to encode the Tangut script (N3297) explicitly does not propose a set of Tangut radical characters, giving the reason that “the competing systems of Tangut radicals ... are idiosyncratic and partial” and because “[t]he task of enumerating the complete set of Tangut radicals is rather open-ended” (N3297:2). Discussion with Tangut scholars, however, has indicated that there is an *overwhelming* desire to see Tangut radicals encoded *at the same time* as the main body of Tangut characters, both to enable representation of dictionary indexes in electronic form (see Figures 2 through 14) and to facilitate discussion of the structural composition of Tangut characters (see Figure 1). Moreover, because there are various traditions of indexing Tangut characters by radicals, it is important that the set of Tangut radicals encoded is a superset of all the different Tangut radicals used by various authors—and not just the set of radicals upon which the ordering of the characters in the main Tangut block is based.

It should be noted that unlike Chinese radicals, which almost all exist as independent ideographic characters in their own right, the vast majority of Tangut radicals do not exist as independent characters, and so need to be encoded separately from the set of Tangut characters in the main Tangut proposal. Although a minority of the radicals proposed in this document do also exist as independent Tangut characters, we believe that for sake of consistency it is best to encode all the radicals as distinct radical characters in a single block, with the same character properties, regardless of whether they exist as independent Tangut characters or not. Moreover, the glyph form of a Tangut radical and its corresponding Tangut character may not have the same proportions (e.g. R0140 𐰃, which is typically drawn much thinner than the corresponding character, U+1782A 𐰃).

2. Endorsements from Tangut scholars.

- **Guillaume Jacques** (<http://xiang.free.fr/>)—*First, I agree that radicals (and recurring parts of characters not recognized as radicals) ought to be part of the Unicode proposal.*
- **Marc Miyake** (<http://www.amritas.com/>)—*I would love radicals to be part of Unicode, as much of my work deals with tangraphic structure ... Needless to say, radicals are an absolute must for typesetting discussions of graphic analyses.*
- **Viacheslav Zaytsev** (Institute of Oriental Manuscripts of the Russian Academy of Sciences)—*I agree that it’s necessary to make superset of Tangut radicals used in different sources. It’s a brilliant solution.*

3. Sources. The present document proposes to encode a set of 802 Tangut radicals, which are a superset of the radicals used in the following sources, which are all major works on Tangut lexicography:

- 1 Kyčanov, E. I. (Е. И. Кычанов). 2006. *Словарь тангутского (Си Ся) языка* (= *Slovar' tangut-skogo (Si Sja) jazyka*) [Tangut-Russian-English-Chinese Dictionary]. St. Petersburg and Kyoto.
- 2 Hán Xiǎománg (韓小忙). 2004. 西夏文正字研究 (*Xīxiàwén Zhengzi Yanjiu*).
- 3 Lǐ Fànwén (李范文). 1997. 夏漢字典 (= *Xià-Han Zidian*). Beijing.
- 4 Lǐ Fànwén (李范文). 1986. 同音研究 (= *Tóngyīn Yánjiū*). Yinchuan.
- 5 Shǐ Jīnbō (史金波) et al. 1983. 文海研究 (= *Wénhǎi Yánjiū*). Beijing.
- 6 Grinstead, Eric. 1972. *Analysis of the Tangut Script* (Scandinavian Institute of Asian Studies Monograph Series No.10).
- 7 Nishida Tatsuo (西田龍雄). 1966. 西夏文小字典 (= *Seikabun Kojiten*). In 西夏語の研究 (= *Seikago no kenkyū*) [A Study of the Hsi-Hsia Language] (1964-1966) vol.2. Tokyo..
- 8 Kolokolov, V. S. (В. С. Колоколов) and E. I. Kyčanov (Е. И. Кычанов). 1966. *Китайская классика в тангутском переводе* (= *Kitajskaja klassika v tangutskom perevode*) [Chinese Classics in Tangut Translation]. Moscow.
- 9 Nevskij N. A. (Н. А. Невский). 1960. *Тангутская филология: Исследования и словарь* (= *Tangutskaja filologija: Issledovanija i slovar'*) [Tangut philology: Researches and dictionary]. Moscow.
- 10 Кeping, К. В. (К. В. Кепинг) et al. 1969. *Море писъмен* (= *More pis'men*) [The Sea of Characters]. Moscow.
- 11 Sofronov M. V. (М. В. Софронов). 1968. *Грамматика тангутского языка* (= *Grammatika tangutskogo jazyka*). Moscow.

4. Radical systems. As no surviving Tangut dictionaries from the Western Xià period use a system of radicals to index characters, the radical systems used in the above sources have, of necessity, been devised by the particular authors based on their own analyses of Tangut characters. Consequently, the different sets of radicals identified by these authors vary considerably, although there is a core set of radicals that are common to all of them.

It should also be noted that these are not strictly radicals in the sense that CJK radicals are, but are structural elements that have been arbitrarily selected to facilitate character lookup. There are two distinct approaches to radical determination:

- most authors (e.g. Nishida, Sofronov, Shǐ Jīnbō, Lǐ Fànwén, and Hán Xiǎománg) choose the leftmost structural element of a character as its radical where possible, and the top, bottom or surrounding element if not;
- some authors (e.g. Grinstead, Kolokov, and Kyčanov) choose the structural element at the bottom right of a character as its radical.

The set of radicals derived by combining these left-oriented and right-oriented approaches comes close to covering every possible structural element that occurs in Tangut characters.

5. Complex components. In addition to the elements used as radicals that are proposed for encoding here, there is an open-ended set of complex components that scholars may want to refer to when analysing Tangut characters. For example, Nishida Tatsuo analyses the structure of the characters U+173ED 𐰽 and U+186EB 𐰽 as follows (see also Figure 1).

One “simple character” can be broken down into several elements or clusters or elements. For example, “ear” 𐰽 upon analysis is found to be composed of elements 𐰽 and 𐰽, and element 𐰽 may in turn be broken down into elements |, 𐰽; and 𐰽; “to see” 𐰽 is made up of elements 𐰽 and 𐰽, and 𐰽 is itself made up of elements 𐰽 and 𐰽.

Nishida Tatsuo, *A Study of Hsi-Hsia Language* (Tokyo, 1966) Vol. 2, p. 547.

In this example the simple elements 𠂇, 丨, 𠂇, 𠂇, 𠂇, 𠂇, and 𠂇 are all used as radicals, and so are proposed for encoding. On the other hand, the complex components 𠂇 and 𠂇 are not used as radicals in any source, and so are not proposed for encoding. However, there is still a need to be able to represent these and other similar complex components in electronic text. We therefore propose that arbitrary complex components such as these should be represented at the encoding level as Ideographic Description Sequences, and, where possible, rendered as a single glyph using smart font technology such as OpenType. Thus 𠂇 could be represented as `[[[]]] 丨 𠂇 <2FF2 18802 18830 18822>`; and 𠂇 could be represented as `[[[]]] 丨 𠂇 <2FF0 18836 18843>`. A smart Tangut font would either compose the desired glyph dynamically or substitute a precomposed glyph for the IDS sequence. In cases where a Tangut font does not support this feature, the fallback would be to display all elements of the IDS sequence visibly.

6. Subsidiary radicals. Both Lǐ Fànwén (1986 and 1997) and Kyčanov have a number of radicals that can be considered to be subsidiary forms of another radical. In these cases, in addition to the main radical, they also include a subsidiary radical made up of a smaller version of the main radical with a rectangular box placed above or below it, indicating that the radical comprises a base radical plus any other structural element above or below it. For example, Kyčanov has both 𠂇 and 𠂇, whereas Lǐ Fànwén 1997 has both 𠂇 and 𠂇 (the rectangular box on the right is used to indicate that the radical occurs at the top left of a character). In cases such as these, where there is no difference in character shape between the full-sized radical and the small-sized radical under or above a box, we have proposed only a single radical for encoding (R0034 𠂇 in the preceding example). However, in two cases Kyčanov has a radical that surrounds a box, and there is a difference in shape between this radical and the corresponding radical with no box (𠂇 / 𠂇 and 𠂇 / 𠂇), and in these two cases only we have proposed to encode the two radicals separately as R0009 𠂇 / R0010 𠂇 and R0380 𠂇 / R0381 𠂇 (but with no box).

However, there is still a need to be able to render these subsidiary radicals with a box above or below. We suggest that a simple way of doing this would be by using IDS sequences of Tangut radicals combined with either the character U+25A0 or U+25A1 (which are the characters that Unicode recommends to represent black or white boxes in ideographic text). For example 𠂇 could be represented as `[[[]]] 𠂇 <2FF1 25A0 18821>`, and 𠂇 could be represented as `[[[]]] 𠂇 <2FF0 2FF1 18821 25A1 25A1>`. Likewise, 𠂇 could be represented as `[[[]]] 𠂇 <2FFA 18809 25A0>`. A Tangut font intended to support Lǐ Fànwén’s or Kyčanov’s system of radicals could substitute an appropriate precomposed glyph for a given IDS sequence. Note that this solution would require a redefinition of the characters that can make up an IDS sequence, but this would also be very beneficial to CJK textual scholars who frequently represent partially missing or obliterated Han ideographs in manuscripts or inscriptions by means of a combination of a white box and a character element, which currently cannot be represented in plain text Unicode.

7. Glyph variants. Non-significant glyph differences for the same radical in different sources have been ignored. In some cases, however, one source treats two glyph forms as separate radicals, even though other sources treat them as glyph variants of the same radical (for example, Kyčanov distinguishes R0088 𠂇 [Kyčanov’s B186] from R0114 𠂇 [Kyčanov’s B168], but Lǐ Fànwén includes both glyph forms under the same radical). In all such cases the radicals have been encoded separately. On the other hand, where two or more glyph forms of the same element are not differentiated in any source they are not encoded separately. For example, R0028 𠂇 and other radicals that include R0028 may be written with either a short final stroke or an extended stroke, but as no source categorizes the two forms as different radicals, they have not been encoded separately.

8. Naming convention. Although the 5,910 Tangut Ideographs are named by their UCS code position, the much smaller set of Tangut Radicals are best given catalogue numbers so that Tangut scholars can refer to them conveniently. We have prefixed R (for “radical”) to a four digit number including leading zeroes.

9. CJK strokes. Several important modern Tangut dictionaries and studies of Tangut characters refer to the stroke types that make up Tangut characters (see Figures 11a and 13). The majority of Tangut stroke types are the same as strokes used in writing Han ideographs, which are already encoded in the **CJK Strokes** block (31C0..31EF). As the Script property of characters in the CJK Strokes block is *Common*, and as other Sinoform scripts to be encoded, such as Jurchen and Khitan, are also written using a subset of strokes encoded in the CJK Strokes block, we believe that most Tangut strokes can be represented using the corresponding character in the existing CJK Strokes block, as shown in the table below.

Code Point	Character Name	Tangut Stroke	Example Tangut Radicals
31C0	CJK STROKE T	丿	𐰇
31C7	CJK STROKE HP	㇇	𐰇 𐰈 𐰉 𐰊
31C8	CJK STROKE HZWG	㇈	𐰇 𐰈
31CF	CJK STROKE N	㇉	𐰇 𐰈
31D0	CJK STROKE H	一	𐰇 𐰈
31D1	CJK STROKE S	丨	𐰇 𐰈 𐰉
31D2	CJK STROKE P	ノ	𐰇 𐰈
31D4	CJK STROKE D	㇊	𐰇 𐰈 𐰉 𐰊 𐰋
31D5	CJK STROKE HZ	㇋	𐰇 𐰈
31D7	CJK STROKE SZ	㇌	𐰇
31DB	CJK STROKE PD	㇍	𐰇
31DC	CJK STROKE PZ	㇎	𐰇
31DE	CJK STROKE SZZ	㇏	𐰇
31DF	CJK STROKE SWG	㇐	𐰇 𐰈
31E1	CJK STROKE HZZZG	㇑	𐰇

However, there are four strokes used for Tangut that are not currently encoded, and we therefore propose to add them to the CJK Strokes block at code points 31E4 through 31E7.

Code Point	Character Name	Tangut Stroke	Example Tangut Radicals
31E4	CJK STROKE HPZ	㇒	𐰇 𐰈 𐰉 𐰊
31E5	CJK STROKE HPDT	㇓	𐰇
31E6	CJK STROKE HPZP	㇔	𐰇 𐰈 𐰉
31E7	CJK STROKE PDT	㇕	𐰇 𐰈

10. Source references. In the table which follows

- **Kyčanov 2006.**

References are the numbers assigned by Kyčanov on pages 2–7. “A” numbers are radicals that occur at the bottom, “B” numbers are radicals that occur at the right side, “C” numbers are radicals that occur at the left side extending along the bottom, and “D” numbers are radicals that occur at the top extending down both sides.

- **Hán Xiǎománg 2004.**

References are the four-digit character reference number for the first character with this radical, as given in the table of radicals on pages 11-13 (the character reference numbers are in the last column of Table 1 on pages 14-337).

- **Lǐ Fànwén 1997.**

References are to the page number, column (A, B, or C) and position in column where the radical starts in the radical index on pages 1091–1166 (e.g. 1096-C3 is the third radical on column C of page 1096). In a few cases the radical is listed in the table of radicals on pages 1088–1090 but has been inadvertently omitted from the actual radical index, and in these cases the position where the

radical occurs is given in brackets. Where two or more forms of the same basic radical are given, they are distinguished by lowercase letters (e.g. 1099-B1a and 1099-B1b).

- **Lǐ Fànwén 1986.**

References are to the page number, column (A, B, or C) and position in column where the radical starts in the radical index on pages 771-845 (e.g. 794-C2 is the second radical on column C of page 794). Where two or more forms of the same basic radical are given, they are distinguished by lowercase letters (e.g. 789-A2a and 789-A2b).

- **Shǐ Jīnbō 1983.**

References are to the page number and position on the page of this radical in the radical index on pages 674-704 (e.g. 686-17 is the 17th radical on page 686).

- **Grinstead 1972.**

References are to the page number and relative position on the page of the start of characters with this radical on pages 72-151 (e.g. 150C is the third radical on page 150). Grinstead radicals are the elements that occur at the bottom right-hand corner of a character.

- **Kolokolov & Kyčanov 1966.**

References are the alphanumeric code indicated in the grid on page 23. These radicals are the bottom right hand components of characters.

- **Nishida 1966.**

References are the three-digit numbers assigned to the radical by Nishida in his radical indices on pages 305-308 and 506-507.

- **Nevskij 1960.**

References are to the volume (I or II) and page number where the first character with this radical occurs, as indicated in the radical index on pages 669-677. If two or more radicals share the same page number they are distinguished by lowercase letters (e.g. I-260a and I-260b).

11. Unicode Character Properties.

```
31E4;CJK STROKE HPZ;So;0;ON;;;;;N;;;;;
31E5;CJK STROKE HPDT;So;0;ON;;;;;N;;;;;
31E6;CJK STROKE HPZP;So;0;ON;;;;;N;;;;;
31E7;CJK STROKE PDT;So;0;ON;;;;;N;;;;;

18880;TANGUT RADICAL R0001;So;0;ON;;;;;N;;;;;
..
18B21;TANGUT RADICAL R0802;So;0;ON;;;;;N;;;;;
```

12. Encoding order. The encoding order of characters is based on their stroke count and stroke type according to the table below.

Precedence	Stroke	Type examples
1	Horizontal	一 𠄎
2	Vertical	丨 𠄏
3	Slanting	ノ
4	Dot	丶
5	Horizontal Bend	㇇ ㇈ ㇉ ㇊ ㇋ ㇌ ㇍
6	Vertical Bend	㇎ ㇏ ㇐ ㇑
7	Slanting Bend	㇒ ㇓

U+18843	R0068	久	B164 B192	久	0880	1111-A4	790-A5	680-11	久	127C	久	202	N-1	久	I-392
U+18844	R0069	久	C012	久	0925	1111-C1	791-A1	680-09	久	136A	久	275			
U+18845	R0070	久			0932	1112-A1	790-C1	680-10	久			032			
U+18846	R0071	多			0878	1111-A2	790-A3	681-02	多			201	L-2	多	I-370
U+18847	R0072	𠂇	B257	𠂇						106	𠂇				
U+18848	R0073	𠂇			0949	1101-C2	785-A1	678-02	𠂇						
U+18849	R0074	𠂇			0951	1101-C3	785-A2	678-01	𠂇			006			
U+1884A	R0075	𠂇													
U+1884B	R0076	𠂇											D-3	𠂇	
U+1884C	R0077	𠂇			1225	1105-C1	785-B1	678-03	𠂇			046			I-362
U+1884D	R0078	𠂇			0961	1102-B3	782-A1	677-03	𠂇			007			I-277
U+1884E	R0079	𠂇			1230	1105-C2	785-B2	677-02	𠂇			037			I-383
U+1884F	R0080	𠂇								76B	𠂇				
U+18850	R0081	𠂇			1237	1108-C2 1109-B1	787-B2	680-01	𠂇			010			I-320
U+18851	R0082	𠂇				1109-B2	787-B1								
U+18852	R0083	𠂇			1279	1107-C1	776-B1	679-11	𠂇			182	X-2	𠂇	I-550
U+18853	R0084	𠂇	B148	𠂇						94	𠂇		W-2	𠂇	
U+18854	R0085	𠂇			1363	1109-B3	788-A1	680-02	𠂇			023			I-406
U+18855	R0086	𠂇	B036	𠂇	1367	1106-C2	786-C2	680-05	𠂇	79A	𠂇	049			I-407
U+18856	R0087	𠂇					789-A2b					086			I-386
U+18857	R0088	久	B186 B191	久	1957	1110-A2	788-C1	684-03	久	129A	久	218			II-141
U+18858	R0089	𠂇						679-10	𠂇						I-452
U+18859	R0090	𠂇			1411	1109-C1 1109-C2	788-A2 788-B1	679-09	𠂇			034			I-456
U+1885A	R0091	𠂇	B016	𠂇	1383	1107-A1	786-B2	680-03	𠂇			073			I-430 II-137
U+1885B	R0092	𠂇	B038	𠂇	1404	1107-A2	786-C1	680-04	𠂇			053			I-600b
U+1885C	R0093	𠂇	B161	𠂇									V-6	𠂇	
U+1885D	R0094	𠂇			1422	1112-A2	791-A2	679-03	𠂇			090			II-219
U+1885E	R0095	𠂇	B258	𠂇											
U+1885F	R0096	𠂇								76C	𠂇				
U+18860	R0097	𠂇	B027	𠂇	1423	1121-A2	796-A1	682-03	𠂇	76F	𠂇	057			I-451
U+18861	R0098	𠂇	B035	𠂇	1427	1115-B1	793-C3	682-06	𠂇			102			I-538
U+18862	R0099	𠂇			1480			682-07	𠂇			016			
U+18863	R0100	𠂇	B074 B078	𠂇	1481	1116-A1	794-B1	682-05	𠂇			104			II-148
U+18864	R0101	𠂇	B288	𠂇											
U+18865	R0102	𠂇	B156	𠂇	1489	1119-B2	796-A2	691-02	𠂇			187	V-3	𠂇	II-270

U+18866	R0103	𠄎											E-5	𠄎	
U+18867	R0104	𠄎	B270 B273	𠄎											
U+18868	R0105	𠄎			1503	1123-A2 1126-C1	799-B5 803-B1	683-01	𠄎			017			I-462
U+18869	R0106	𠄎	A002	𠄎		1127-A2	803-B2 803-C1	684-01	𠄎	72B	𠄎	017b			
U+1886A	R0107	𠄎													I-516
U+1886B	R0108	𠄎	B095 B096	𠄎	1835	1116-B1	794-C2	682-08	𠄎	86C	𠄎	112			I-594
U+1886C	R0109	𠄎	B301	𠄎									H-2 H-4	𠄎	
U+1886D	R0110	𠄎	B064	𠄎	1851	1116-C1	795-A1	682-09	𠄎	91C	𠄎	154			I-589
U+1886E	R0111	𠄎	B293	𠄎									G-3	𠄎	
U+1886F	R0112	𠄎	B242	𠄎	1869	1119-C2	796-B1 797-B1	682-10	𠄎	93B	𠄎	255	M-3	𠄎	I-564
U+18870	R0113	𠄎	B243	𠄎									M-4	𠄎	II-198
U+18871	R0114	𠄎	B168	𠄎			788-C2	684-02	𠄎			219	O-1	𠄎	
U+18872	R0115	𠄎	B187 B188	𠄎	3241	1118-A1		691-09	𠄎			220			
U+18873	R0116	𠄎			1992	1123-A1	799-B1					035			
U+18874	R0117	𠄎	B260	𠄎						109	𠄎				
U+18875	R0118	𠄎	B131	𠄎	1994	1127-A3	803-C2	686-03	𠄎			137			I-455
U+18876	R0119	𠄎	B129	𠄎	1999	1127-B1	803-C3	686-04	𠄎	86B	𠄎	134			I-599
U+18877	R0120	𠄎				1127-B2	803-C4	686-08	𠄎						
U+18878	R0121	𠄎	B029	𠄎	2004	1127-B5	814-C1	686-13	𠄎	77B	𠄎	069			I-432
U+18879	R0122	𠄎								87E	𠄎				
U+1887A	R0123	𠄎											I-1	𠄎	
U+1887B	R0124	𠄎	B318	𠄎											
U+1887C	R0125	𠄎	B108	𠄎	2001		804-A1	686-05	𠄎						
U+1887D	R0126	𠄎								124	𠄎				
U+1887E	R0127	𠄎				1127-B4							C-3	𠄎	
U+1887F	R0128	𠄎											J-1	𠄎	
U+18880	R0129	𠄎	B031	𠄎											
U+18881	R0130	𠄎	D001	𠄎	2631	1127-C1	804-B1	686-15	𠄎	75A	𠄎	031			I-420
U+18882	R0131	𠄎	B308	𠄎											
U+18883	R0132	𠄎					804-A3					045			
U+18884	R0133	𠄎			2008	1127-B7		686-16	𠄎						
U+18885	R0134	𠄎	B079	𠄎	2037			686-14	𠄎						II-136
U+18886	R0135	𠄎	B006	𠄎	2645	1128-A1	804-B2	686-11	𠄎	75B	𠄎	250			II-138
U+18887	R0136	𠄎	B165	𠄎	2647	1128-A3	804-C1	686-09	𠄎	136B	𠄎	203	N-2	𠄎	

U+18888	R0137	𠂇	B149	𠂇						95A	𠂇		W-4	𠂇	
U+18889	R0138	𠂇			2659	1128-A2	804-B3	686-10	𠂇			183			II-243
U+1888A	R0139	𠂇													II-128
U+1888B	R0140	𠂇	B210	𠂇	2038	1128-B1	805-B1	686-20	𠂇	137	𠂇	204	R-1	𠂇	II-8
U+1888C	R0141	𠂇			2623	1134-C1	805-A2	686-19	𠂇						
U+1888D	R0142	𠂇	C016	𠂇	2597	1134-C2	805-A1	686-17	𠂇	147B	𠂇	276			
U+1888E	R0143	𠂇			2629	1135-A1 1135-B1	804-C2	686-18	𠂇						I-598
U+1888F	R0144	𠂇	B266	𠂇											
U+18890	R0145	𠂇	C021	𠂇	2678	1127-B6	804-A2	686-12	𠂇			283			
U+18891	R0146	𠂇	B012	𠂇											
U+18892	R0147	𠂇	B069	𠂇	2679	1112-B1	791-A3	681-08	𠂇			105			II-156
U+18893	R0148	𠂇			2708	1112-C1	791-B1	681-07	𠂇			270			
U+18894	R0149	𠂇				1136-A3		681-06	𠂇						II-274b
U+18895	R0150	𠂇	B153	𠂇	2710	1094-C1	793-A4	690-07	𠂇			191			II-272
U+18896	R0151	𠂇	B259	𠂇									E-3	𠂇	
U+18897	R0152	𠂇			2715										
U+18898	R0153	𠂇	B137	𠂇											
U+18899	R0154	𠂇					789-A2a	682-01	𠂇	77C	𠂇	088			
U+1889A	R0155	𠂇	B025	𠂇	2809	1114-C1		682-02	𠂇	78A	𠂇	087			
U+1889B	R0156	𠂇			2844	1115-A1	793-C2	681-11	𠂇			089			II-197
U+1889C	R0157	𠂇	B037	𠂇	2725	1112-C2	791-B2	681-14	𠂇			047			I-437
U+1889D	R0158	𠂇	B084	𠂇	2753	1113-B1	791-C1	681-13	𠂇						
U+1889E	R0159	𠂇	C005	𠂇	2756	1113-B2	791-C2	681-12	𠂇			269			I-443
U+1889F	R0160	𠂇	B204	𠂇	2847	1114-A3	793-A3	681-10	𠂇			207			I-454
U+188A0	R0161	𠂇			2883	1095-A1	793-C1	690-11	𠂇			188			II-269
U+188A1	R0162	𠂇	B011	𠂇	2716	1114-A1	792-B1a	681-03	𠂇			096			I-424
U+188A2	R0163	𠂇					792-C1 793-A1	681-04	𠂇			008			
U+188A3	R0164	𠂇	B010	𠂇			792-B1b								
U+188A4	R0165	𠂇			2850	1114-A2	793-A2	681-05	𠂇			013			I-425
U+188A5	R0166	𠂇	B158	𠂇	2856	1114-B1	793-B1	689-03	𠂇			194	V-4	𠂇	I-600a II-264 II-494
U+188A6	R0167	𠂇	B173	𠂇	3893	1112-A3	816-B5	690-10	𠂇			233	O-2	𠂇	II-235
U+188A7	R0168	𠂇	C013	𠂇											
U+188A8	R0169	𠂇			2892		799-B3	685-02	𠂇						
U+188A9	R0170	𠂇	B019	𠂇	2894							092			

U+188EF	R0240	𠄎	B332	𠄎						126	𠄎		I-3	𠄎	
U+188F0	R0241	𠄎	B246	𠄎		1145-C3				92C	𠄎	258			
U+188F1	R0242	𠄎			3494	1149-B2	827-C4	694-03	𠄎			060			
U+188F2	R0243	𠄎	B040	𠄎	3495	1149-B1	827-C3	694-04	𠄎						II-284a
U+188F3	R0244	𠄎	B058	𠄎											
U+188F4	R0245	𠄎											0-3	𠄎	
U+188F5	R0246	𠄎	B316	𠄎											
U+188F6	R0247	𠄎	B201	𠄎	3736	1149-A3	828-A2	695-02	𠄎	148C	𠄎	214	P-1 T-7	𠄎	II-238a
U+188F7	R0248	𠄎				1149-A1	827-C1								
U+188F8	R0249	𠄎	B100	𠄎	3504	1149-B3	826-B3	695-01	𠄎	87A	𠄎	144			
U+188F9	R0250	𠄎	B087	𠄎						86A	𠄎				
U+188FA	R0251	𠄎	B234 B237	𠄎	3739	1145-C5	813-B1	694-06	𠄎	148D	𠄎	211	U-1	𠄎	II-303a
U+188FB	R0252	𠄎	B166	𠄎									N-3	𠄎	
U+188FC	R0253	𠄎			3855	1149-A2	828-A1	694-05	𠄎						
U+188FD	R0254	𠄎			3609	[1148-B3]	811-C1	695-03	𠄎			205			II-262
U+188FE	R0255	𠄎	B211	𠄎	3651	1147-B1	812-B1	694-09	𠄎	147C	𠄎	210	R-3	𠄎	
U+188FF	R0256	𠄎				1148-B1	813-A1	694-08	𠄎			033			
U+18900	R0257	𠄎	B222	𠄎	3602	1148-B2	812-A1	695-04	𠄎	148A	𠄎	206	T-5	𠄎	II-322
U+18901	R0258	𠄎	B268	𠄎									E-8	𠄎	
U+18902	R0259	𠄎	B075	𠄎	3858	1135-C3	815-A1	690-08	𠄎			110			II-172
U+18903	R0260	𠄎			3881	1094-C2	817-A1	697-01	𠄎			192			II-448
U+18904	R0261	𠄎			3890	1136-A1	816-B2	690-09	𠄎			114			II-224
U+18905	R0262	𠄎	B302	𠄎											
U+18906	R0263	𠄎	B294	𠄎									G-4	𠄎	
U+18907	R0264	𠄎	B171	𠄎	4470	1135-C2	828-C1	697-03	𠄎				0-6	𠄎	II-452
U+18908	R0265	𠄎	B261	𠄎									E-6	𠄎	
U+18909	R0266	𠄎	B267	𠄎											
U+1890A	R0267	𠄎						694-02	𠄎						
U+1890B	R0268	𠄎			3062	1139-A1	817-B3	685-08	𠄎			071			I-453
U+1890C	R0269	𠄎	B080	𠄎											
U+1890D	R0270	𠄎	B291	𠄎											
U+1890E	R0271	𠄎			3990	1139-A2	817-B1	697-11	𠄎			196			II-302 II-425a
U+1890F	R0272	𠄎	B138	𠄎	3992	1138-B2	817-B5	690-12	𠄎	81E	𠄎	157			II-423a
U+18910	R0273	𠄎			4030							166			

U+18911	R0274	𦍋					816-B1					091			
U+18912	R0275	𦍌			3975	1137-A1	816-B3	690-14	𦍌			141			II-240
U+18913	R0276	𦍍	B309	𦍍											
U+18914	R0277	𦍎	B299	𦍎											
U+18915	R0278	𦍇	B245	𦍇	3979	1137-B1	816-B4	697-19	𦍇			260			II-418
U+18916	R0279	𦍈	B212	𦍈	4031	1137-C2	816-C2	690-15	𦍈	148B	𦍈	208	R-4 T-6	𦍈	II-296y
U+18917	R0280	𦍉	B024	𦍉	3914	1136-B2	815-B1	689-01	𦍉			099			II-301
U+18918	R0281	𦍊			3958	1138-B1	818-A1	690-02	𦍊			025			II-213
U+18919	R0282	𦍋			3957	1136-A4	815-B3	690-01	𦍋			101			
U+1891A	R0283	𦍌	B070	𦍌	3925	1136-B3	815-B4	689-04	𦍌	85A	𦍌	106			II-238b II-275
U+1891B	R0284	𦍍			3970	1137-B2	816-C1	690-03	𦍍			232			II-218
U+1891C	R0285	𦍎	B154	𦍎	3974	1136-B1	817-B4	695-05	𦍎			193			
U+1891D	R0286	𦍇											E-4	𦍇	
U+1891E	R0287	𦍈			3966	1137-A2	816-A2	689-02	𦍈						
U+1891F	R0288	𦍉										014			
U+18920	R0289	𦍊			4059	1136-C1	815-B2	690-06	𦍊			151			II-284c
U+18921	R0290	𦍋	B189	𦍋	4558	1137-B3	828-C2	690-05	𦍋			235			II-256
U+18922	R0291	𦍌	B039	𦍌	4063	1136-C2	816-A1	695-06	𦍌			056			II-397
U+18923	R0292	𦍍													II-403a
U+18924	R0293	𦍎	B162	𦍎											
U+18925	R0294	𦍇	B277	𦍇											
U+18926	R0295	𦍈	B218	𦍈	4504	1150-C6	828-B2	697-10	𦍈						
U+18927	R0296	𦍉			4085	1140-C5	823-C1	692-14	𦍉			065			
U+18928	R0297	𦍊	B020	𦍊	4089	[1140-C4]						066			II-216
U+18929	R0298	𦍋	B071	𦍋	4094	1140-B3	818-C2	692-17	𦍋			108			II-165
U+1892A	R0299	𦍌			4093	1140-C1	818-A5	692-16	𦍌	84	𦍌				II-263
U+1892B	R0300	𦍍			4119	1141-B1	820-B5 825-C1	698-17	𦍍						II-450
U+1892C	R0301	𦍎			4126	1140-C3	818-A4	693-04	𦍎						II-261b
U+1892D	R0302	𦍇					818-A3								
U+1892E	R0303	𦍈	B102 B104	𦍈	4129	1140-C2	818-C1	693-05	𦍈			116			II-222
U+1892F	R0304	𦍉	B305	𦍉											
U+18930	R0305	𦍊			4138	1141-C4	820-A4	693-06	𦍊			155			II-239a
U+18931	R0306	𦍋													II-239b
U+18932	R0307	𦍌	B298	𦍌									G-6	𦍌	

U+18979	R0378	𠂇			4414		835-A6								II-485
U+1897A	R0379	𠂈	B249 B252	𠂈	4416	1157-C1	835-B5	699-09	𠂈	93A	𠂈	259	R-2	𠂈	II-386
U+1897B	R0380	𠂉	B254	𠂉						127A	𠂉				
U+1897C	R0381	𠂊	C011	𠂊	4434	1157-B5	835-C1	699-08	𠂊			274			II-390
U+1897D	R0382	𠂋											G-8	𠂋	
U+1897E	R0383	𠂌													II-451a
U+1897F	R0384	𠂍	B060	𠂍	4436	1158-C4	836-1	699-10	𠂍			175			II-451b
U+18980	R0385	𠂎											J-5	𠂎	
U+18981	R0386	𠂏											S-3	𠂏	
U+18982	R0387	𠂐											F-6	𠂐	
U+18983	R0388	𠂑											P-9	𠂑	
U+18984	R0389	𠂒			4458	1158-C2	835-C2	699-11	𠂒						II-429c
U+18985	R0390	𠂓	B314	𠂓									H-10	𠂓	
U+18986	R0391	𠂔	B008	𠂔	4459		836-A1					251			II-489b
U+18987	R0392	𠂕	B205 B207	𠂕	4460	1157-C2	835-C3	699-12	𠂕	150C	𠂕	215			II-303b II-410
U+18988	R0393	𠂖	B235	𠂖											
U+18989	R0394	𠂗			4442	1158-B1	836-A4	699-15	𠂗						
U+1898A	R0395	𠂘										150			
U+1898B	R0396	𠂙			4446	1158-B2		699-14	𠂙						II-444b
U+1898C	R0397	𠂚	B244	𠂚	5082	1158-A2	836-A5	699-16	𠂚			243			II-467
U+1898D	R0398	𠂛	B239	𠂛	4447	1158-A1	836-A2	699-17	𠂛	150A	𠂛	217			II-407
U+1898E	R0399	𠂜													II-429b
U+1898F	R0400	𠂝	B202	𠂝									P-7	𠂝	
U+18990	R0401	𠂞	B098	𠂞	4469	1150-C5	828-A6					119			II-429a
U+18991	R0402	𠂟	B295	𠂟											
U+18992	R0403	𠂠	B013	𠂠	4477	1150-C1	828-A7	697-02	𠂠			314			II-459
U+18993	R0404	𠂡			4485	1150-C4	828-A3	697-06	𠂡						II-424
U+18994	R0405	𠂢	B174	𠂢	4486	1102-A1	828-B1	697-08	𠂢			246	Q-2	𠂢	II-472
U+18995	R0406	𠂣			4498	1150-C2	828-A4	697-05	𠂣			125			II-427
U+18996	R0407	𠂤	B321	𠂤											
U+18997	R0408	𠂥	B110	𠂥	4503	1150-C3	828-A5	697-04	𠂥			126			II-420b
U+18998	R0409	𠂦											J-4	𠂦	
U+18999	R0410	𠂧	C018	𠂧	5134	1102-A2 1151-A1	817-B2	697-07	𠂧			286			II-462
U+1899A	R0411	𠂨			4509	1136-A2	828-B3	697-09	𠂨						
U+1899B	R0412	𠂩										234	S-2	𠂩	II-446b

U+1899C	R0413	𦵑														II-454b
U+1899D	R0414	𦵒			4224	1155-A1	833-A3	693-10	𦵓			072				II-241
U+1899E	R0415	𦵔			4634	1154-C1b	833-A1b	697-14	𦵕			142				
U+1899F	R0416	𦵖	B311	𦵗		1154-C1a	833-A1a									II-497b
U+189A0	R0417	𦵙	B209	𦵚												
U+189A1	R0418	𦵜	B140	𦵝												
U+189A2	R0419	𦵟	B081	𦵠	4517	1154-B1a	832-C1a	697-13	𦵡			139				II-391
U+189A3	R0420	𦵣				1154-B1b	832-C1b	697-12	𦵤			281				II-396
U+189A4	R0421	𦵧	B157	𦵨	4510	1095-A2	832-B1	700-09	𦵩			189				II-521
U+189A5	R0422	𦵫	B044	𦵬	4589	1151-B2	831-C5	697-16	𦵭			078				II-484
U+189A6	R0423	𦵰	B167	𦵱	4597	1154-A1	831-A1	697-20	𦵲	135C	𦵳	241	Q-1	𦵴		II-477
U+189A7	R0424	𦵶	C015	𦵷	4633		831-C1									
U+189A8	R0425	𦵻			4639		832-B2	697-18	𦵽			145				
U+189A9	R0426	𦵿	B123	𦶀	4640	1151-A4	832-B3b	697-17	𦶂							II-490
U+189AA	R0427	𦶅	C006	𦶆			832-B3a									
U+189AB	R0428	𦶉	B323	𦶊												
U+189AC	R0429	𦶎	B238	𦶏	4873	1151-C1	832-A2	698-01	𦶑	150B	𦶒	212				
U+189AD	R0430	𦶕			4650	1095-A3	832-A1	698-02	𦶗			209				II-385
U+189AE	R0431	𦶛	B076	𦶜												
U+189AF	R0432	𦶟	B271	𦶠												
U+189B0	R0433	𦶣	B097	𦶤	4544	1151-A2	832-A3	696-02	𦶦			115				II-426a
U+189B1	R0434	𦶨	B303	𦶩									H-5	𦶪		
U+189B2	R0435	𦶮	B063	𦶯	4551	1154-C2	833-A2	696-03	𦶱			176				
U+189B3	R0436	𦶴	B296	𦶵									G-5	𦶷		
U+189B4	R0437	𦶽	B139	𦶾				696-01	𦶿							
U+189B5	R0438	𦷁	B175	𦷂				690-04	𦷄	134	𦷅		O-4	𦷇		
U+189B6	R0439	𦷉											V-7	𦷋		
U+189B7	R0440	𦷎	B269	𦷏						111	𦷑		E-7	𦷒		
U+189B8	R0441	𦷛	B093	𦷜	4658	1151-B1	832-B4	696-04	𦷞			111				II-403b
U+189B9	R0442	𦷟			4674	1155-A2	831-C2	696-05	𦷡			027				II-463
U+189BA	R0443	𦷣					831-C4									
U+189BB	R0444	𦷧			4858	1151-A3	832-A4	696-06	𦷩			152				II-486
U+189BC	R0445	𦷬	B310	𦷭									H-6	𦷯		
U+189BD	R0446	𦷱														II-572
U+189BE	R0447	𦷽	B225	𦷾	4687	1151-C2	829-A1	696-08	𦷿	144	𦸁	236				II-361

U+189BF	R0448	𠄎			4875	1157-A5	833-C1	698-16	𠄎			067			II-460
U+189C0	R0449	𠄏										022			
U+189C1	R0450	𠄐			4886	1156-A2		698-19	𠄐						
U+189C2	R0451	𠄑	B061	𠄑											
U+189C3	R0452	𠄒				1155-C7	834-C3					240			II-428b
U+189C4	R0453	𠄓	B279	𠄓											
U+189C5	R0454	𠄔	B307	𠄔											
U+189C6	R0455	𠄕	B185	𠄕	4888	1157-A6	834-C1	698-25	𠄕			249			II-475
U+189C7	R0456	𠄖			4891	1156-C2	833-B4								
U+189C8	R0457	𠄗			4892										II-420a
U+189C9	R0458	𠄘	B116	𠄘	4893	1156-C3	833-B5	698-22	𠄘	90A	𠄘	128			
U+189CA	R0459	𠄙	B322	𠄙											
U+189CB	R0460	𠄚	C008	𠄚											
U+189CC	R0461	𠄛			4915										
U+189CD	R0462	𠄜	B181	𠄜	4916	1157-A4	834-C2								
U+189CE	R0463	𠄝	B226	𠄝	4900	1156-A1	835-A1	698-26	𠄝	143A	𠄝		S-5	𠄝	II-446a
U+189CF	R0464	𠄞	C017	𠄞	4911		835-A2					277			
U+189D0	R0465	𠄟			4917	1156-C1	833-C2	698-21	𠄟						II-454a
U+189D1	R0466	𠄠	B220	𠄠	5302	1161-A5	839-C2								
U+189D2	R0467	𠄡	B283	𠄡									F-5	𠄡	
U+189D3	R0468	𠄢			4966	1157-A2	834-A2	698-18	𠄢						II-497a
U+189D4	R0469	𠄣			4918	1156-B2	834-A3	698-24	𠄣						II-455
U+189D5	R0470	𠄤													II-547
U+189D6	R0471	𠄥											V-5	𠄥	
U+189D7	R0472	𠄦	B197	𠄦	4946	1155-C5	835-A4								
U+189D8	R0473	𠄧	B046	𠄧	4947	1157-A1	833-C6	698-28	𠄧			081			II-482
U+189D9	R0474	𠄨	B206	𠄨											
U+189DA	R0475	𠄩						699-02	𠄩						
U+189DB	R0476	𠄪													II-622a
U+189DC	R0477	𠄫			4969	1156-B1	842-A3					168			
U+189DD	R0478	𠄬	B142	𠄬	4971							164			
U+189DE	R0479	𠄭	B028	𠄭											
U+189DF	R0480	𠄮													II-609
U+189E0	R0481	𠄯	B227	𠄯	4983	1161-B4	835-A5								
U+189E1	R0482	𠄰	B089	𠄰	4979			698-15	𠄰						II-501

U+189E2	R0483	𦍋			4984	1157-A3	834-A1	698-27	𦍋						II-566
U+189E3	R0484	𦍌			4988	1158-C3	836-C2	699-01	𦍌			160			II-613b
U+189E4	R0485	𦍍	B032	𦍍	4990	1158-C5		697-15	𦍍	77A	𦍍	061			
U+189E5	R0486	𦍎			5009										
U+189E6	R0487	𦍇	B134	𦍇											
U+189E7	R0488	𦍈			5012	1161-C3	841-B1	700-19	𦍈			131			II-576b
U+189E8	R0489	𦍉	B334	𦍉											
U+189E9	R0490	𦍊	B101	𦍊	5013	1161-C2		700-18	𦍊						II-519
U+189EA	R0491	𦍋			5015		841-A5	700-25	𦍋						II-560
U+189EB	R0492	𦍌	B312	𦍌									H-8	𦍌	
U+189EC	R0493	𦍍											0-8	𦍍	
U+189ED	R0494	𦍎	B264	𦍎											
U+189EE	R0495	𦍇					841-A1								
U+189EF	R0496	𦍈			5016	1162-B5	841-A4	700-23	𦍈						II-526
U+189F0	R0497	𦍉	B194	𦍉											
U+189F1	R0498	𦍊	B253	𦍊	5017	1162-A1	840-C4	700-24	𦍊			261			II-505
U+189F2	R0499	𦍋	B107	𦍋	5031	1120-C1	842-A5	700-22	𦍋			256			II-524
U+189F3	R0500	𦍌	B317	𦍌									H-9	𦍌	
U+189F4	R0501	𦍍											T-1	𦍍	
U+189F5	R0502	𦍎			5046	1161-C4	839-B1	700-26	𦍎			254			II-577c
U+189F6	R0503	𦍇	B009	𦍇	5049	1162-B2	839-B2	701-01	𦍇			253			II-580c
U+189F7	R0504	𦍈			5051	1161-C5	839-B3	700-27	𦍈			226			II-539
U+189F8	R0505	𦍉			5045		841-A2								
U+189F9	R0506	𦍊			5072	1161-C1	841-B5	700-16	𦍊						
U+189FA	R0507	𦍋			5073	1161-B6 1162-B3	842-A1	700-21	𦍋						II-598b
U+189FB	R0508	𦍌	B062	𦍌	5076	1162-B4	841-C3	700-20	𦍌			179			II-589
U+189FC	R0509	𦍍			5081		842-A6	702-01	𦍍						II-574c
U+189FD	R0510	𦍎											H-7	𦍎	
U+189FE	R0511	𦍇	B094	𦍇											
U+189FF	R0512	𦍈	B120	𦍈											
U+18A00	R0513	𦍉			5131	1163-C4	842-B2	702-02	𦍉			311			II-561
U+18A01	R0514	𦍊			5119	1163-C3	842-B1	702-03	𦍊	151	𦍊	216	U-4	𦍊	II-542
U+18A02	R0515	𦍋	B208	𦍋	5133										
U+18A03	R0516	𦍌											U-7	𦍌	

U+18A04	R0517	𪗇	B172	𪗇											
U+18A05	R0518	𪗈			5137	1159-A1	836-C3	700-04	𪗈						II-563b
U+18A06	R0519	𪗉			5138	1102-A3	836-C4	700-06	𪗉			247b			II-579
U+18A07	R0520	𪗊	B335	𪗊									I-5	𪗊	
U+18A08	R0521	𪗋			5143	1102-A4		700-05	𪗋			247			
U+18A09	R0522	𪗌			5144			700-07	𪗌						II-548
U+18A0A	R0523	𪗍			4955	1160-C3	838-A2	701-23	𪗍			197			II-619
U+18A0B	R0524	𪗎	B117	𪗎	5198	1160-C1	839-A4	700-08	𪗎	90B	𪗎	146			II-509
U+18A0C	R0525	𪗏			5212		839-A2					165			
U+18A0D	R0526	𪗐	B141	𪗐	5213	1161-A1	839-A3	700-11	𪗐	87D	𪗐	158			II-608
U+18A0E	R0527	𪗑	B262	𪗑											
U+18A0F	R0528	𪗒					837-B2								
U+18A10	R0529	𪗓	B112	𪗓	5171	1159-A3		700-10	𪗓			147			II-575
U+18A11	R0530	𪗔													II-596b
U+18A12	R0531	𪗕	B047	𪗕	5193	1159-A5	837-A3	700-12	𪗕			079			II-549b
U+18A13	R0532	𪗖			5196										
U+18A14	R0533	𪗗	B223	𪗗	5206			700-13	𪗗	147A	𪗗	242			II-578
U+18A15	R0534	𪗘	B338	𪗘									I-8	𪗘	
U+18A16	R0535	𪗙			5216	1095-B3		700-15	𪗙			213			
U+18A17	R0536	𪗚			5217	1095-A4									II-523
U+18A18	R0537	𪗛			5218	1095-B2		700-14	𪗛						II-576c
U+18A19	R0538	𪗜	B275	𪗜											
U+18A1A	R0539	𪗝	B059	𪗝	5156	1159-C4	837-C2	699-18	𪗝			177			II-520a
U+18A1B	R0540	𪗞										178			II-413
U+18A1C	R0541	𪗟			5157	1159-B4	836-C5	699-20	𪗟						
U+18A1D	R0542	𪗠			5159	1159-C7	837-A1	699-21	𪗠						
U+18A1E	R0543	𪗡	B082	𪗡	5146	1160-C2	839-A1	699-22	𪗡	85B	𪗡	140			II-517
U+18A1F	R0544	𪗢	B304	𪗢											
U+18A20	R0545	𪗣	B297	𪗣											
U+18A21	R0546	𪗤	B176 B177	𪗤	5161	1159-B5	837-A2	699-24	𪗤			248	Q-3	𪗤	II-573
U+18A22	R0547	𪗥			5170	1159-A2		699-23	𪗥			127			
U+18A23	R0548	𪗦													II-592
U+18A24	R0549	𪗧	B221	𪗧									S-8	𪗧	
U+18A25	R0550	𪗨				1155-B1		696-07	𪗨			030			II-463
U+18A26	R0551	𪗩	B284	𪗩									F-4	𪗩	

















































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U+18A28	R0553	𠄎										I-7	𠄎	
U+18A29	R0554	𠄎			5176	1159-C5		699-27	𠄎					II-563a
U+18A2A	R0555	𠄎					837-B5							
U+18A2B	R0556	𠄎	B241	𠄎				699-28	𠄎		015			II-574b
U+18A2C	R0557	𠄎	B105	𠄎	5177	1159-C6	837-B4	699-29	𠄎		120			
U+18A2D	R0558	𠄎			5178	1159-C8	837-C4	702-16	𠄎		264			II-596a
U+18A2E	R0559	𠄎			5179	[1153-C1]	837-C6	700-01	𠄎		238			II-567
U+18A2F	R0560	𠄎			5219	1159-B1	837-B1	699-25	𠄎		062			II-545
U+18A30	R0561	𠄎			5221	1159-C9 1160-B1	838-A3 838-C1	699-30	𠄎		028			II-527
U+18A31	R0562	𠄎	A005	𠄎										
U+18A32	R0563	𠄎												II-546
U+18A33	R0564	𠄎	B042	𠄎	5270	1159-B2	837-A4	700-02	𠄎		083			II-570
U+18A34	R0565	𠄎	B122	𠄎	5282	1159-A4	837-B3	700-03	𠄎		153			II-552
U+18A35	R0566	𠄎			5511	1164-C2	837-C5				237			II-614a
U+18A36	R0567	𠄎			5288	1159-C3	837-C3				064			II-617
U+18A37	R0568	𠄎			5289	1159-B3	831-C3	699-26	𠄎		172			II-615b
U+18A38	R0569	𠄎			5291	1163-C1	841-B4	701-10	𠄎					II-538
U+18A39	R0570	𠄎	B170	𠄎										
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U+18A3B	R0572	𠄎			5293	1161-A2	841-B3							
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U+18A3D	R0574	𠄎						701-11	𠄎			S-7	𠄎	II-549a
U+18A3E	R0575	𠄎												II-576a
U+18A3F	R0576	𠄎	B341	𠄎										
U+18A40	R0577	𠄎			5303			701-21	𠄎					II-574a
U+18A41	R0578	𠄎			5304	1161-B1	839-C1	701-20	𠄎		229	U-2	𠄎	II-544
U+18A42	R0579	𠄎												II-615a
U+18A43	R0580	𠄎			5311		840-C1	701-07	𠄎					II-605b
U+18A44	R0581	𠄎			5308		840-C2	701-05	𠄎					II-550a
U+18A45	R0582	𠄎			5546		840-B1	701-06	𠄎					
U+18A46	R0583	𠄎			5319	1161-A4	841-A6	701-12	𠄎		118			II-513
U+18A47	R0584	𠄎	B066	𠄎	5325	1163-C2	840-C3	701-13	𠄎		156			II-515
U+18A48	R0585	𠄎	B285	𠄎						114	𠄎	285		
U+18A49	R0586	𠄎	C024	𠄎	5314	1161-B2	841-B6	701-14	𠄎					II-511

U+18A4A	R0587	𠂇			5333	1162-B6	841-B7	701-15	𠂇			296			II-522
U+18A4B	R0588	𠂈	B072	𠂈	5342	1162-C1	841-C1	701-16	𠂈			289			II-536
U+18A4C	R0589	𠂉						701-18	𠂉				P-2	𠂉	
U+18A4D	R0590	𠂊			5549	1164-C5	840-B2					301			II-633
U+18A4E	R0591	𠂋	B214	𠂋	5351	1162-C3	839-C3	701-19	𠂋	143B	𠂋	297			
U+18A4F	R0592	𠂌	C004	𠂌				701-17	𠂌						
U+18A50	R0593	𠂍										292			
U+18A51	R0594	𠂎	B048	𠂎	5416	1163-B1	841-A3	701-22	𠂎			082			
U+18A52	R0595	𠂏			5420										
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U+18A55	R0598	𠂒	B136 B144	𠂒	5428	1161-B7 1162-B1	842-A2	701-03	𠂒	87C	𠂒	162			II-611
U+18A56	R0599	𠂓				1164-C6 1165-A4									
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U+18A58	R0601	𠂕	B327	𠂕											
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U+18A5A	R0603	𠂗	B073	𠂗											
U+18A5B	R0604	𠂘			5441			702-27	𠂘						II-618a
U+18A5C	R0605	𠂙			5445	1165-A3	843-B3	702-28	𠂙				0-9	𠂙	II-585a
U+18A5D	R0606	𠂚			5450	1165-A1		702-29	𠂚			228			II-599b
U+18A5E	R0607	𠂛			5458		844-A3	702-33	𠂛						II-601a
U+18A5F	R0608	𠂜	B265	𠂜											
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U+18A61	R0610	𠂞			5453			702-34	𠂞						
U+18A62	R0611	𠂟			5454			703-16	𠂟						II-631b
U+18A63	R0612	𠂠			5457			702-35	𠂠						II-593b
U+18A64	R0613	𠂡			5462			702-30	𠂡						II-598a
U+18A65	R0614	𠂢			5459	1165-A5	844-A1	702-31	𠂢			308			II-582
U+18A66	R0615	𠂣			5599	1165-C5	843-B8	703-14	𠂣			304			
U+18A67	R0616	𠂤	B190	𠂤											
U+18A68	R0617	𠂥			5463										II-601b
U+18A69	R0618	𠂦			5465	1165-A6	843-B6	702-32	𠂦			262			II-586
U+18A6A	R0619	𠂧			5467										
U+18A6B	R0620	𠂨			5468	1121-A1									II-595a
U+18A6C	R0621	𠂩			5471		843-A9	702-37	𠂩						





































U+18A90	R0657	𪗇			5512	1164-B10	843-A4	702-05	𪗇						
U+18A91	R0658	𪗈			5648	1164-B3	842-C8	702-04	𪗈						II-616
U+18A92	R0659	𪗉			5529	1164-B1	842-C4	702-14	𪗉		121				II-621a
U+18A93	R0660	𪗊			5525	1164-B6	843-A2	702-17	𪗊			Q-4	𪗊		II-577a
U+18A94	R0661	𪗋					842-C3								II-584
U+18A95	R0662	𪗌			5531	1164-B5		702-15	𪗌		129				
U+18A96	R0663	𪗍			5532	1164-B2	842-C6	702-18	𪗍		318				II-607b
U+18A97	R0664	𪗎				1164-A3	842-C2								
U+18A98	R0665	𪗏			5534		842-C1	702-13	𪗏						II-595b
U+18A99	R0666	𪗐					843-A6								
U+18A9A	R0667	𪗑	B198	𪗑	5526	1164-A4	843-A3				298				
U+18A9B	R0668	𪗒				1164-A5						P-5	𪗒		
U+18A9C	R0669	𪗓			5541	1164-C8	843-B5	702-42	𪗓						
U+18A9D	R0670	𪗔									316				
U+18A9E	R0671	𪗕			5544	1164-C9	843-B4	702-40	𪗕						II-620a
U+18A9F	R0672	𪗖						702-41	𪗖						
U+18AA0	R0673	𪗗													II-646b
U+18AA1	R0674	𪗘	B077	𪗘											
U+18AA2	R0675	𪗙					844-A2								
U+18AA3	R0676	𪗚			5553										
U+18AA4	R0677	𪗛	B324	𪗛											
U+18AA5	R0678	𪗜										W-6	𪗜		
U+18AA6	R0679	𪗝			5558	1164-C7		702-47	𪗝						
U+18AA7	R0680	𪗞													II-551
U+18AA8	R0681	𪗟			5561		843-B2	702-43	𪗟		287				II-602
U+18AA9	R0682	𪗠			5571			702-45	𪗠		273				II-621b
U+18AAA	R0683	𪗡			5547			703-25	𪗡						
U+18AAB	R0684	𪗢						702-44	𪗢						
U+18AAC	R0685	𪗣			5557	1162-C2		702-46	𪗣		293				II-593a
U+18AAD	R0686	𪗤			5572	1164-C4	844-A4	702-48	𪗤						
U+18AAE	R0687	𪗥													II-612a
U+18AAF	R0688	𪗦	B090	𪗦	5574			702-39	𪗦						II-623b
U+18AB0	R0689	𪗧	B213	𪗧								S-9?	𪗧		
U+18AB1	R0690	𪗨			5576	1135-C1		702-49	𪗨		159b				II-650

U+18AF8	R0761	麥	B200	麥		1165-C1	844-B3							
U+18AF9	R0762	麥						703-35	麥			235b		II-655a
U+18AFA	R0763	麥			5729			704-04	麥					
U+18AFB	R0764	麥			5727			704-05	麥			317		
U+18AFC	R0765	麥			5731			704-02	麥					II-656
U+18AFD	R0766	麥			5733			704-03	麥					II-649a
U+18AFE	R0767	麥			5734			704-01	麥					II-648a
U+18AFF	R0768	麥			5735			703-46	麥					II-652b II-645
U+18B00	R0769	麥												II-666b
U+18B01	R0770	麥			5763			704-13	麥					
U+18B02	R0771	麥						703-11	麥					II-662b
U+18B03	R0772	麥			5749	1166-C3	845-B4	704-14	麥					II-651b
U+18B04	R0773	麥			5738			704-08	麥					
U+18B05	R0774	麥			5742			704-09	麥					II-654
U+18B06	R0775	麥			5745			704-10	麥					
U+18B07	R0776	麥			5747			704-07	麥					
U+18B08	R0777	麥										295		
U+18B09	R0778	麥			5752									
U+18B0A	R0779	麥			5753			704-11	麥			307		II-652a
U+18B0B	R0780	麥				1166-C2	845-B3							
U+18B0C	R0781	麥			5755			704-12	麥					
U+18B0D	R0782	麥			5757	1094-C3		704-06	麥					II-658a
U+18B0E	R0783	麥			5758	1137-C1								
U+18B0F	R0784	麥	B229	麥									P-6	麥
U+18B10	R0785	麥			5761			704-15	麥					
U+18B11	R0786	麥												II-657a
U+18B12	R0787	麥			5764	1166-C5	845-B5	704-19	麥			267		II-665b
U+18B13	R0788	麥			5766	1102-B2		704-18	麥					II-661b
U+18B14	R0789	麥			5768									
U+18B15	R0790	麥	B344	麥		1166-C1								
U+18B16	R0791	麥	C010	麥				704-17	麥					II-655b
U+18B17	R0792	麥			5771			704-16	麥					II-666a
U+18B18	R0793	麥			5773	1166-C4		704-20	麥					II-658b
U+18B19	R0794	麥			5776			704-21	麥					II-661a
U+18B1A	R0795	麥			5778		845-B6	704-23	麥			313		II-659c





U+18B1B	R0796	𪚩													II-659a
U+18B1C	R0797	𪚪			5780			704-22	𪚫						
U+18B1D	R0798	𪚬			5781										
U+18B1E	R0799	𪚭													II-665a
U+18B1F	R0800	𪚮	B247	𪚯											
U+18B20	R0801	𪚰													II-662a
U+18B21	R0802	𪚱			5782	1166-C6		704-24	𪚲						II-660

	31C	31D	31E
0	 31C0	 31D0	 31E0
1	 31C1	 31D1	 31E1
2	 31C2	 31D2	 31E2
3	 31C3	 31D3	 31E3
4	 31C4	 31D4	 31E4
5	 31C5	 31D5	 31E5
6	 31C6	 31D6	 31E6
7	 31C7	 31D7	 31E7
8	 31C8	 31D8	
9	 31C9	 31D9	
A	 31CA	 31DA	
B	 31CB	 31DB	
C	 31CC	 31DC	
D	 31CD	 31DD	
E	 31CE	 31DE	
F	 31CF	 31DF	

CJK strokes

31C0		CJK STROKE T
31C1		CJK STROKE WG
31C2		CJK STROKE XG
31C3		CJK STROKE BXG
31C4		CJK STROKE SW
31C5		CJK STROKE HZZ
31C6		CJK STROKE HZG
31C7		CJK STROKE HP
31C8		CJK STROKE HZWG
31C9		CJK STROKE SZWG
31CA		CJK STROKE HZT
31CB		CJK STROKE HZZP
31CC		CJK STROKE HPWG
31CD		CJK STROKE HZW
31CE		CJK STROKE HZZZ
31CF		CJK STROKE N
31D0		CJK STROKE H
31D1		CJK STROKE S
31D2		CJK STROKE P
31D3		CJK STROKE SP
31D4		CJK STROKE D
31D5		CJK STROKE HZ
31D6		CJK STROKE HG
31D7		CJK STROKE SZ
31D8		CJK STROKE SWZ
31D9		CJK STROKE ST
31DA		CJK STROKE SG
31DB		CJK STROKE PD
31DC		CJK STROKE PZ
31DD		CJK STROKE TN
31DE		CJK STROKE SZZ
31DF		CJK STROKE SWG
31E0		CJK STROKE HXWG
31E1		CJK STROKE HZZZG
31E2		CJK STROKE PG
31E3		CJK STROKE Q

Additions for Tangut

31E4		CJK STROKE HPZ
31E5		CJK STROKE HPDT
31E6		CJK STROKE HPZP
31E7		CJK STROKE PDT

	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	188A	188B	188C	188D	188E	188F
0	𐄀 18800	𐄁 18810	𐄂 18820	𐄃 18830	𐄄 18840	𐄅 18850	𐄆 18860	𐄇 18870	𐄈 18880	𐄉 18890	𐄊 188A0	𐄋 188B0	𐄌 188C0	𐄍 188D0	𐄎 188E0	𐄏 188F0
1	𐄐 18801	𐄑 18811	𐄒 18821	𐄓 18831	𐄔 18841	𐄕 18851	𐄖 18861	𐄗 18871	𐄘 18881	𐄙 18891	𐄚 188A1	𐄛 188B1	𐄜 188C1	𐄝 188D1	𐄞 188E1	𐄟 188F1
2	𐄠 18802	𐄡 18812	𐄢 18822	𐄣 18832	𐄤 18842	𐄥 18852	𐄦 18862	𐄧 18872	𐄨 18882	𐄩 18892	𐄪 188A2	𐄫 188B2	𐄬 188C2	𐄭 188D2	𐄮 188E2	𐄯 188F2
3	𐄱 18803	𐄲 18813	𐄳 18823	𐄴 18833	𐄵 18843	𐄶 18853	𐄷 18863	𐄸 18873	𐄹 18883	𐄺 18893	𐄻 188A3	𐄼 188B3	𐄽 188C3	𐄾 188D3	𐄿 188E3	𐅀 188F3
4	𐅁 18804	𐅂 18814	𐅃 18824	𐅄 18834	𐅅 18844	𐅆 18854	𐅇 18864	𐅈 18874	𐅉 18884	𐅊 18894	𐅋 188A4	𐅌 188B4	𐅍 188C4	𐅎 188D4	𐅏 188E4	𐅐 188F4
5	𐅑 18805	𐅒 18815	𐅓 18825	𐅔 18835	𐅕 18845	𐅖 18855	𐅗 18865	𐅘 18875	𐅙 18885	𐅚 18895	𐅛 188A5	𐅜 188B5	𐅝 188C5	𐅞 188D5	𐅟 188E5	𐅠 188F5
6	𐅡 18806	𐅢 18816	𐅣 18826	𐅤 18836	𐅥 18846	𐅦 18856	𐅧 18866	𐅨 18876	𐅩 18886	𐅪 18896	𐅫 188A6	𐅬 188B6	𐅭 188C6	𐅮 188D6	𐅯 188E6	𐅰 188F6
7	𐅱 18807	𐅲 18817	𐅳 18827	𐅴 18837	𐅵 18847	𐅶 18857	𐅷 18867	𐅸 18877	𐅹 18887	𐅺 18897	𐅻 188A7	𐅼 188B7	𐅽 188C7	𐅾 188D7	𐅿 188E7	𐆀 188F7
8	𐆁 18808	𐆂 18818	𐆃 18828	𐆄 18838	𐆅 18848	𐆆 18858	𐆇 18868	𐆈 18878	𐆉 18888	𐆊 18898	𐆋 188A8	𐆌 188B8	𐆍 188C8	𐆎 188D8	𐆏 188E8	𐆐 188F8
9	𐆑 18809	𐆒 18819	𐆓 18829	𐆔 18839	𐆕 18849	𐆖 18859	𐆗 18869	𐆘 18879	𐆙 18889	𐆚 18899	𐆛 188A9	𐆜 188B9	𐆝 188C9	𐆞 188D9	𐆟 188E9	𐆠 188F9
A	𐆡 1880A	𐆢 1881A	𐆣 1882A	𐆤 1883A	𐆥 1884A	𐆦 1885A	𐆧 1886A	𐆨 1887A	𐆩 1888A	𐆪 1889A	𐆫 188AA	𐆬 188BA	𐆭 188CA	𐆮 188DA	𐆯 188EA	𐆰 188FA
B	𐆱 1880B	𐆲 1881B	𐆳 1882B	𐆴 1883B	𐆵 1884B	𐆶 1885B	𐆷 1886B	𐆸 1887B	𐆹 1888B	𐆺 1889B	𐆻 188AB	𐆼 188BB	𐆽 188CB	𐆾 188DB	𐆿 188EB	𐇀 188FB
C	𐇁 1880C	𐇂 1881C	𐇃 1882C	𐇄 1883C	𐇅 1884C	𐇆 1885C	𐇇 1886C	𐇈 1887C	𐇉 1888C	𐇊 1889C	𐇋 188AC	𐇌 188BC	𐇍 188CC	𐇎 188DC	𐇏 188EC	𐇐 188FC
D	𐇑 1880D	𐇒 1881D	𐇓 1882D	𐇔 1883D	𐇕 1884D	𐇖 1885D	𐇗 1886D	𐇘 1887D	𐇙 1888D	𐇚 1889D	𐇛 188AD	𐇜 188BD	𐇝 188CD	𐇞 188DD	𐇟 188ED	𐇠 188FD
E	𐇡 1880E	𐇢 1881E	𐇣 1882E	𐇤 1883E	𐇥 1884E	𐇦 1885E	𐇧 1886E	𐇨 1887E	𐇩 1888E	𐇪 1889E	𐇫 188AE	𐇬 188BE	𐇭 188CE	𐇮 188DE	𐇯 188EE	𐇰 188FE
F	𐇱 1880F	𐇲 1881F	𐇳 1882F	𐇴 1883F	𐇵 1884F	𐇶 1885F	𐇷 1886F	𐇸 1887F	𐇹 1888F	𐇺 1889F	𐇻 188AF	𐇼 188BF	𐇽 188CF	𐇾 188DF	𐇿 188EF	𐈀 188FF

	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	189A	189B	189C	189D	189E	189F
0	𐞁	𐞂	𐞃	𐞄	𐞅	𐞆	𐞇	𐞈	𐞉	𐞊	𐞋	𐞌	𐞍	𐞎	𐞏	𐞐
1	𐞑	𐞒	𐞓	𐞔	𐞕	𐞖	𐞗	𐞘	𐞙	𐞚	𐞛	𐞜	𐞝	𐞞	𐞟	𐞠
2	𐞡	𐞢	𐞣	𐞤	𐞥	𐞦	𐞧	𐞨	𐞩	𐞪	𐞫	𐞬	𐞭	𐞮	𐞯	𐞰
3	𐞱	𐞲	𐞳	𐞴	𐞵	𐞶	𐞷	𐞸	𐞹	𐞺	𐞻	𐞼	𐞽	𐞾	𐞿	𐟀
4	𐟁	𐟂	𐟃	𐟄	𐟅	𐟆	𐟇	𐟈	𐟉	𐟊	𐟋	𐟌	𐟍	𐟎	𐟏	𐟐
5	𐟑	𐟒	𐟓	𐟔	𐟕	𐟖	𐟗	𐟘	𐟙	𐟚	𐟛	𐟜	𐟝	𐟞	𐟟	𐟠
6	𐟡	𐟢	𐟣	𐟤	𐟥	𐟦	𐟧	𐟨	𐟩	𐟪	𐟫	𐟬	𐟭	𐟮	𐟯	𐟰
7	𐟱	𐟲	𐟳	𐟴	𐟵	𐟶	𐟷	𐟸	𐟹	𐟺	𐟻	𐟼	𐟽	𐟾	𐟿	𐠀
8	𐠁	𐠂	𐠃	𐠄	𐠅	𐠆	𐠇	𐠈	𐠉	𐠊	𐠋	𐠌	𐠍	𐠎	𐠏	𐠐
9	𐠑	𐠒	𐠓	𐠔	𐠕	𐠖	𐠗	𐠘	𐠙	𐠚	𐠛	𐠜	𐠝	𐠞	𐠟	𐠠
A	𐠡	𐠢	𐠣	𐠤	𐠥	𐠦	𐠧	𐠨	𐠩	𐠪	𐠫	𐠬	𐠭	𐠮	𐠯	𐠰
B	𐠱	𐠲	𐠳	𐠴	𐠵	𐠶	𐠷	𐠸	𐠹	𐠺	𐠻	𐠼	𐠽	𐠾	𐠿	𐡀
C	𐡁	𐡂	𐡃	𐡄	𐡅	𐡆	𐡇	𐡈	𐡉	𐡊	𐡋	𐡌	𐡍	𐡎	𐡏	𐡐
D	𐡑	𐡒	𐡓	𐡔	𐡕	𐡖	𐡗	𐡘	𐡙	𐡚	𐡛	𐡜	𐡝	𐡞	𐡟	𐡠
E	𐡡	𐡢	𐡣	𐡤	𐡥	𐡦	𐡧	𐡨	𐡩	𐡪	𐡫	𐡬	𐡭	𐡮	𐡯	𐡰
F	𐡱	𐡲	𐡳	𐡴	𐡵	𐡶	𐡷	𐡸	𐡹	𐡺	𐡻	𐡼	𐡽	𐡾	𐡿	𐢀

	18A0	18A1	18A2	18A3	18A4	18A5	18A6	18A7	18A8	18A9	18AA	18AB	18AC	18AD	18AE	18AF
0	𐄀	𐄁	𐄂	𐄃	𐄄	𐄅	𐄆	𐄇	𐄈	𐄉	𐄊	𐄋	𐄌	𐄍	𐄎	𐄏
1	𐄐	𐄑	𐄒	𐄓	𐄔	𐄕	𐄖	𐄗	𐄘	𐄙	𐄚	𐄛	𐄜	𐄝	𐄞	𐄟
2	𐄠	𐄡	𐄢	𐄣	𐄤	𐄥	𐄦	𐄧	𐄨	𐄩	𐄪	𐄫	𐄬	𐄭	𐄮	𐄯
3	𐄰	𐄱	𐄲	𐄳	𐄴	𐄵	𐄶	𐄷	𐄸	𐄹	𐄺	𐄻	𐄼	𐄽	𐄾	𐄿
4	𐅀	𐅁	𐅂	𐅃	𐅄	𐅅	𐅆	𐅇	𐅈	𐅉	𐅊	𐅋	𐅌	𐅍	𐅎	𐅏
5	𐅐	𐅑	𐅒	𐅓	𐅔	𐅕	𐅖	𐅗	𐅘	𐅙	𐅚	𐅛	𐅜	𐅝	𐅞	𐅟
6	𐅠	𐅡	𐅢	𐅣	𐅤	𐅥	𐅦	𐅧	𐅨	𐅩	𐅪	𐅫	𐅬	𐅭	𐅮	𐅯
7	𐅰	𐅱	𐅲	𐅳	𐅴	𐅵	𐅶	𐅷	𐅸	𐅹	𐅺	𐅻	𐅼	𐅽	𐅾	𐅿
8	𐆀	𐆁	𐆂	𐆃	𐆄	𐆅	𐆆	𐆇	𐆈	𐆉	𐆊	𐆋	𐆌	𐆍	𐆎	𐆏
9	𐆐	𐆑	𐆒	𐆓	𐆔	𐆕	𐆖	𐆗	𐆘	𐆙	𐆚	𐆛	𐆜	𐆝	𐆞	𐆟
A	𐆠	𐆡	𐆢	𐆣	𐆤	𐆥	𐆦	𐆧	𐆨	𐆩	𐆪	𐆫	𐆬	𐆭	𐆮	𐆯
B	𐆰	𐆱	𐆲	𐆳	𐆴	𐆵	𐆶	𐆷	𐆸	𐆹	𐆺	𐆻	𐆼	𐆽	𐆾	𐆿
C	𐇀	𐇁	𐇂	𐇃	𐇄	𐇅	𐇆	𐇇	𐇈	𐇉	𐇊	𐇋	𐇌	𐇍	𐇎	𐇏
D	𐇐	𐇑	𐇒	𐇓	𐇔	𐇕	𐇖	𐇗	𐇘	𐇙	𐇚	𐇛	𐇜	𐇝	𐇞	𐇟
E	𐇠	𐇡	𐇢	𐇣	𐇤	𐇥	𐇦	𐇧	𐇨	𐇩	𐇪	𐇫	𐇬	𐇭	𐇮	𐇯
F	𐇰	𐇱	𐇲	𐇳	𐇴	𐇵	𐇶	𐇷	𐇸	𐇹	𐇺	𐇻	𐇼	𐇽	𐇾	𐇿

	18B0	18B1	18B2	18B3	18B4	18B5	18B6	18B7	18B8	18B9	18BA	18BB	18BC	18BD	18BE	18BF
0	𐞀 18B00	𐞁 18B10	𐞂 18B20													
1	𐞃 18B01	𐞄 18B11	𐞅 18B21													
2	𐞆 18B02	𐞇 18B12														
3	𐞈 18B03	𐞉 18B13														
4	𐞊 18B04	𐞋 18B14														
5	𐞌 18B05	𐞍 18B15														
6	𐞎 18B06	𐞏 18B16														
7	𐞐 18B07	𐞑 18B17														
8	𐞒 18B08	𐞓 18B18														
9	𐞔 18B09	𐞕 18B19														
A	𐞖 18B0A	𐞗 18B1A														
B	𐞙 18B0B	𐞚 18B1B														
C	𐞛 18B0C	𐞜 18B1C														
D	𐞞 18B0D	𐞟 18B1D														
E	𐞡 18B0E	𐞢 18B1E														
F	𐞤 18B0F	𐞥 18B1F														

18800 一 TANGUT RADICAL R0001
 18801 丨 TANGUT RADICAL R0002
 18802 丿 TANGUT RADICAL R0003
 18803 丶 TANGUT RADICAL R0004
 18804 ノ TANGUT RADICAL R0005
 18805 ㄣ TANGUT RADICAL R0006
 18806 ㄤ TANGUT RADICAL R0007
 18807 ㄥ TANGUT RADICAL R0008
 18808 ㄨ TANGUT RADICAL R0009
 18809 ㄩ TANGUT RADICAL R0010
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 1880B ㄛ TANGUT RADICAL R0012
 1880C ㄜ TANGUT RADICAL R0013
 1880D ㄝ TANGUT RADICAL R0014
 1880E ㄞ TANGUT RADICAL R0015
 1880F ㄟ TANGUT RADICAL R0016
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 18815 ㄥ TANGUT RADICAL R0022
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 18817 ㄩ TANGUT RADICAL R0024
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 1881C ㄞ TANGUT RADICAL R0029
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 1881E ㄠ TANGUT RADICAL R0031
 1881F ㄡ TANGUT RADICAL R0032
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 18825 ㄩ TANGUT RADICAL R0038
 18826 ㄚ TANGUT RADICAL R0039
 18827 ㄛ TANGUT RADICAL R0040
 18828 ㄜ TANGUT RADICAL R0041
 18829 ㄝ TANGUT RADICAL R0042
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 1882B ㄟ TANGUT RADICAL R0044
 1882C ㄠ TANGUT RADICAL R0045
 1882D ㄡ TANGUT RADICAL R0046
 1882E ㄢ TANGUT RADICAL R0047
 1882F ㄣ TANGUT RADICAL R0048
 18830 ㄤ TANGUT RADICAL R0049
 18831 ㄥ TANGUT RADICAL R0050
 18832 ㄨ TANGUT RADICAL R0051
 18833 ㄩ TANGUT RADICAL R0052
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 18835 ㄛ TANGUT RADICAL R0054
 18836 ㄜ TANGUT RADICAL R0055
 18837 ㄝ TANGUT RADICAL R0056
 18838 ㄞ TANGUT RADICAL R0057
 18839 ㄟ TANGUT RADICAL R0058
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 1883B ㄡ TANGUT RADICAL R0060

1883C 卍 TANGUT RADICAL R0061
 1883D 卍 TANGUT RADICAL R0062
 1883E 卍 TANGUT RADICAL R0063
 1883F 卍 TANGUT RADICAL R0064
 18840 卍 TANGUT RADICAL R0065
 18841 卍 TANGUT RADICAL R0066
 18842 卍 TANGUT RADICAL R0067
 18843 卍 TANGUT RADICAL R0068
 18844 卍 TANGUT RADICAL R0069
 18845 卍 TANGUT RADICAL R0070
 18846 卍 TANGUT RADICAL R0071
 18847 卍 TANGUT RADICAL R0072
 18848 卍 TANGUT RADICAL R0073
 18849 卍 TANGUT RADICAL R0074
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 1884C 卍 TANGUT RADICAL R0077
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 1884E 卍 TANGUT RADICAL R0079
 1884F 卍 TANGUT RADICAL R0080
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 18851 卍 TANGUT RADICAL R0082
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 18855 卍 TANGUT RADICAL R0086
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 18857 卍 TANGUT RADICAL R0088
 18858 卍 TANGUT RADICAL R0089
 18859 卍 TANGUT RADICAL R0090
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 1885C 卍 TANGUT RADICAL R0093
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 1885E 卍 TANGUT RADICAL R0095
 1885F 卍 TANGUT RADICAL R0096
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 18861 卍 TANGUT RADICAL R0098
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 18863 卍 TANGUT RADICAL R0100
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 18868 卍 TANGUT RADICAL R0105
 18869 卍 TANGUT RADICAL R0106
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 1886C 卍 TANGUT RADICAL R0109
 1886D 卍 TANGUT RADICAL R0110
 1886E 卍 TANGUT RADICAL R0111
 1886F 卍 TANGUT RADICAL R0112
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 18872 卍 TANGUT RADICAL R0115
 18873 卍 TANGUT RADICAL R0116
 18874 卍 TANGUT RADICAL R0117
 18875 卍 TANGUT RADICAL R0118
 18876 卍 TANGUT RADICAL R0119
 18877 卍 TANGUT RADICAL R0120

18878 𐞇 TANGUT RADICAL R0121
 18879 𐞈 TANGUT RADICAL R0122
 1887A 𐞉 TANGUT RADICAL R0123
 1887B 𐞊 TANGUT RADICAL R0124
 1887C 𐞋 TANGUT RADICAL R0125
 1887D 𐞌 TANGUT RADICAL R0126
 1887E 𐞍 TANGUT RADICAL R0127
 1887F 𐞎 TANGUT RADICAL R0128
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 18881 𐞐 TANGUT RADICAL R0130
 18882 𐞑 TANGUT RADICAL R0131
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 18884 𐞓 TANGUT RADICAL R0133
 18885 𐞔 TANGUT RADICAL R0134
 18886 𐞕 TANGUT RADICAL R0135
 18887 𐞖 TANGUT RADICAL R0136
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 18889 𐞘 TANGUT RADICAL R0138
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 1888B 𐞚 TANGUT RADICAL R0140
 1888C 𐞛 TANGUT RADICAL R0141
 1888D 𐞜 TANGUT RADICAL R0142
 1888E 𐞝 TANGUT RADICAL R0143
 1888F 𐞞 TANGUT RADICAL R0144
 18890 𐞟 TANGUT RADICAL R0145
 18891 𐞠 TANGUT RADICAL R0146
 18892 𐞡 TANGUT RADICAL R0147
 18893 𐞢 TANGUT RADICAL R0148
 18894 𐞣 TANGUT RADICAL R0149
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 18896 𐞥 TANGUT RADICAL R0151
 18897 𐞦 TANGUT RADICAL R0152
 18898 𐞧 TANGUT RADICAL R0153
 18899 𐞨 TANGUT RADICAL R0154
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 1889B 𐞪 TANGUT RADICAL R0156
 1889C 𐞫 TANGUT RADICAL R0157
 1889D 𐞬 TANGUT RADICAL R0158
 1889E 𐞭 TANGUT RADICAL R0159
 1889F 𐞮 TANGUT RADICAL R0160
 188A0 𐞯 TANGUT RADICAL R0161
 188A1 𐞰 TANGUT RADICAL R0162
 188A2 𐞱 TANGUT RADICAL R0163
 188A3 𐞲 TANGUT RADICAL R0164
 188A4 𐞳 TANGUT RADICAL R0165
 188A5 𐞴 TANGUT RADICAL R0166
 188A6 𐞵 TANGUT RADICAL R0167
 188A7 𐞶 TANGUT RADICAL R0168
 188A8 𐞷 TANGUT RADICAL R0169
 188A9 𐞸 TANGUT RADICAL R0170
 188AA 𐞹 TANGUT RADICAL R0171
 188AB 𐞺 TANGUT RADICAL R0172
 188AC 𐞻 TANGUT RADICAL R0173
 188AD 𐞼 TANGUT RADICAL R0174
 188AE 𐞽 TANGUT RADICAL R0175
 188AF 𐞾 TANGUT RADICAL R0176
 188B0 𐞿 TANGUT RADICAL R0177
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 188B2 𐟁 TANGUT RADICAL R0179
 188B3 𐟂 TANGUT RADICAL R0180

188B4 𐟃 TANGUT RADICAL R0181
 188B5 𐟄 TANGUT RADICAL R0182
 188B6 𐟅 TANGUT RADICAL R0183
 188B7 𐟆 TANGUT RADICAL R0184
 188B8 𐟇 TANGUT RADICAL R0185
 188B9 𐟈 TANGUT RADICAL R0186
 188BA 𐟉 TANGUT RADICAL R0187
 188BB 𐟊 TANGUT RADICAL R0188
 188BC 𐟋 TANGUT RADICAL R0189
 188BD 𐟌 TANGUT RADICAL R0190
 188BE 𐟍 TANGUT RADICAL R0191
 188BF 𐟎 TANGUT RADICAL R0192
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 188C1 𐟐 TANGUT RADICAL R0194
 188C2 𐟑 TANGUT RADICAL R0195
 188C3 𐟒 TANGUT RADICAL R0196
 188C4 𐟓 TANGUT RADICAL R0197
 188C5 𐟔 TANGUT RADICAL R0198
 188C6 𐟕 TANGUT RADICAL R0199
 188C7 𐟖 TANGUT RADICAL R0200
 188C8 𐟗 TANGUT RADICAL R0201
 188C9 𐟘 TANGUT RADICAL R0202
 188CA 𐟙 TANGUT RADICAL R0203
 188CB 𐟚 TANGUT RADICAL R0204
 188CC 𐟛 TANGUT RADICAL R0205
 188CD 𐟜 TANGUT RADICAL R0206
 188CE 𐟝 TANGUT RADICAL R0207
 188CF 𐟞 TANGUT RADICAL R0208
 188D0 𐟟 TANGUT RADICAL R0209
 188D1 𐟠 TANGUT RADICAL R0210
 188D2 𐟡 TANGUT RADICAL R0211
 188D3 𐟢 TANGUT RADICAL R0212
 188D4 𐟣 TANGUT RADICAL R0213
 188D5 𐟤 TANGUT RADICAL R0214
 188D6 𐟥 TANGUT RADICAL R0215
 188D7 𐟦 TANGUT RADICAL R0216
 188D8 𐟧 TANGUT RADICAL R0217
 188D9 𐟨 TANGUT RADICAL R0218
 188DA 𐟩 TANGUT RADICAL R0219
 188DB 𐟪 TANGUT RADICAL R0220
 188DC 𐟫 TANGUT RADICAL R0221
 188DD 𐟬 TANGUT RADICAL R0222
 188DE 𐟭 TANGUT RADICAL R0223
 188DF 𐟮 TANGUT RADICAL R0224
 188E0 𐟯 TANGUT RADICAL R0225
 188E1 𐟰 TANGUT RADICAL R0226
 188E2 𐟱 TANGUT RADICAL R0227
 188E3 𐟲 TANGUT RADICAL R0228
 188E4 𐟳 TANGUT RADICAL R0229
 188E5 𐟴 TANGUT RADICAL R0230
 188E6 𐟵 TANGUT RADICAL R0231
 188E7 𐟶 TANGUT RADICAL R0232
 188E8 𐟷 TANGUT RADICAL R0233
 188E9 𐟸 TANGUT RADICAL R0234
 188EA 𐟹 TANGUT RADICAL R0235
 188EB 𐟺 TANGUT RADICAL R0236
 188EC 𐟻 TANGUT RADICAL R0237
 188ED 𐟼 TANGUT RADICAL R0238
 188EE 𐟽 TANGUT RADICAL R0239
 188EF 𐟾 TANGUT RADICAL R0240

188F0 𐞀 TANGUT RADICAL R0241
 188F1 𐞁 TANGUT RADICAL R0242
 188F2 𐞂 TANGUT RADICAL R0243
 188F3 𐞃 TANGUT RADICAL R0244
 188F4 𐞄 TANGUT RADICAL R0245
 188F5 𐞅 TANGUT RADICAL R0246
 188F6 𐞆 TANGUT RADICAL R0247
 188F7 𐞇 TANGUT RADICAL R0248
 188F8 𐞈 TANGUT RADICAL R0249
 188F9 𐞉 TANGUT RADICAL R0250
 188FA 𐞊 TANGUT RADICAL R0251
 188FB 𐞋 TANGUT RADICAL R0252
 188FC 𐞌 TANGUT RADICAL R0253
 188FD 𐞍 TANGUT RADICAL R0254
 188FE 𐞎 TANGUT RADICAL R0255
 188FF 𐞏 TANGUT RADICAL R0256
 18900 𐞐 TANGUT RADICAL R0257
 18901 𐞑 TANGUT RADICAL R0258
 18902 𐞒 TANGUT RADICAL R0259
 18903 𐞓 TANGUT RADICAL R0260
 18904 𐞔 TANGUT RADICAL R0261
 18905 𐞕 TANGUT RADICAL R0262
 18906 𐞖 TANGUT RADICAL R0263
 18907 𐞗 TANGUT RADICAL R0264
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 18909 𐞙 TANGUT RADICAL R0266
 1890A 𐞚 TANGUT RADICAL R0267
 1890B 𐞛 TANGUT RADICAL R0268
 1890C 𐞜 TANGUT RADICAL R0269
 1890D 𐞝 TANGUT RADICAL R0270
 1890E 𐞞 TANGUT RADICAL R0271
 1890F 𐞟 TANGUT RADICAL R0272
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 18915 𐞥 TANGUT RADICAL R0278
 18916 𐞦 TANGUT RADICAL R0279
 18917 𐞧 TANGUT RADICAL R0280
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 1891C 𐞬 TANGUT RADICAL R0285
 1891D 𐞭 TANGUT RADICAL R0286
 1891E 𐞮 TANGUT RADICAL R0287
 1891F 𐞯 TANGUT RADICAL R0288
 18920 𐞰 TANGUT RADICAL R0289
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 18923 𐞳 TANGUT RADICAL R0292
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 18929 𐞹 TANGUT RADICAL R0298
 1892A 𐞺 TANGUT RADICAL R0299
 1892B 𐞻 TANGUT RADICAL R0300

1892C 𐞼 TANGUT RADICAL R0301
 1892D 𐞽 TANGUT RADICAL R0302
 1892E 𐞾 TANGUT RADICAL R0303
 1892F 𐞿 TANGUT RADICAL R0304
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 1893D 𐟍 TANGUT RADICAL R0318
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 1894D 𐟝 TANGUT RADICAL R0334
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 18957 𐟧 TANGUT RADICAL R0344
 18958 𐟨 TANGUT RADICAL R0345
 18959 𐟩 TANGUT RADICAL R0346
 1895A 𐟪 TANGUT RADICAL R0347
 1895B 𐟫 TANGUT RADICAL R0348
 1895C 𐟬 TANGUT RADICAL R0349
 1895D 𐟭 TANGUT RADICAL R0350
 1895E 𐟮 TANGUT RADICAL R0351
 1895F 𐟯 TANGUT RADICAL R0352
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 18963 𐟳 TANGUT RADICAL R0356
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 18966 𐟶 TANGUT RADICAL R0359
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18968 𠂇 TANGUT RADICAL R0361
 18969 𠂈 TANGUT RADICAL R0362
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 1896B 𠂊 TANGUT RADICAL R0364
 1896C 𠂋 TANGUT RADICAL R0365
 1896D 𠂌 TANGUT RADICAL R0366
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 18977 𠂖 TANGUT RADICAL R0376
 18978 𠂗 TANGUT RADICAL R0377
 18979 𠂘 TANGUT RADICAL R0378
 1897A 𠂙 TANGUT RADICAL R0379
 1897B 𠂚 TANGUT RADICAL R0380
 1897C 𠂛 TANGUT RADICAL R0381
 1897D 𠂜 TANGUT RADICAL R0382
 1897E 𠂝 TANGUT RADICAL R0383
 1897F 𠂞 TANGUT RADICAL R0384
 18980 𠂟 TANGUT RADICAL R0385
 18981 𠂠 TANGUT RADICAL R0386
 18982 𠂡 TANGUT RADICAL R0387
 18983 𠂢 TANGUT RADICAL R0388
 18984 𠂣 TANGUT RADICAL R0389
 18985 𠂤 TANGUT RADICAL R0390
 18986 𠂥 TANGUT RADICAL R0391
 18987 𠂦 TANGUT RADICAL R0392
 18988 𠂧 TANGUT RADICAL R0393
 18989 𠂨 TANGUT RADICAL R0394
 1898A 𠂩 TANGUT RADICAL R0395
 1898B 𠂪 TANGUT RADICAL R0396
 1898C 𠂫 TANGUT RADICAL R0397
 1898D 𠂬 TANGUT RADICAL R0398
 1898E 𠂭 TANGUT RADICAL R0399
 1898F 𠂮 TANGUT RADICAL R0400
 18990 𠂯 TANGUT RADICAL R0401
 18991 𠂰 TANGUT RADICAL R0402
 18992 𠂱 TANGUT RADICAL R0403
 18993 𠂲 TANGUT RADICAL R0404
 18994 𠂳 TANGUT RADICAL R0405
 18995 𠂴 TANGUT RADICAL R0406
 18996 𠂵 TANGUT RADICAL R0407
 18997 𠂶 TANGUT RADICAL R0408
 18998 𠂷 TANGUT RADICAL R0409
 18999 𠂸 TANGUT RADICAL R0410
 1899A 𠂹 TANGUT RADICAL R0411
 1899B 𠂺 TANGUT RADICAL R0412
 1899C 𠂻 TANGUT RADICAL R0413
 1899D 𠂼 TANGUT RADICAL R0414
 1899E 𠂽 TANGUT RADICAL R0415
 1899F 𠂾 TANGUT RADICAL R0416
 189A0 𠂿 TANGUT RADICAL R0417
 189A1 𠃀 TANGUT RADICAL R0418
 189A2 𠃁 TANGUT RADICAL R0419
 189A3 𠃂 TANGUT RADICAL R0420

189A4 𠃃 TANGUT RADICAL R0421
 189A5 𠃄 TANGUT RADICAL R0422
 189A6 𠃅 TANGUT RADICAL R0423
 189A7 𠃆 TANGUT RADICAL R0424
 189A8 𠃇 TANGUT RADICAL R0425
 189A9 𠃈 TANGUT RADICAL R0426
 189AA 𠃉 TANGUT RADICAL R0427
 189AB 𠃊 TANGUT RADICAL R0428
 189AC 𠃋 TANGUT RADICAL R0429
 189AD 𠃌 TANGUT RADICAL R0430
 189AE 𠃍 TANGUT RADICAL R0431
 189AF 𠃎 TANGUT RADICAL R0432
 189B0 𠃏 TANGUT RADICAL R0433
 189B1 𠃐 TANGUT RADICAL R0434
 189B2 𠃑 TANGUT RADICAL R0435
 189B3 𠃒 TANGUT RADICAL R0436
 189B4 𠃓 TANGUT RADICAL R0437
 189B5 𠃔 TANGUT RADICAL R0438
 189B6 𠃕 TANGUT RADICAL R0439
 189B7 𠃖 TANGUT RADICAL R0440
 189B8 𠃗 TANGUT RADICAL R0441
 189B9 𠃘 TANGUT RADICAL R0442
 189BA 𠃙 TANGUT RADICAL R0443
 189BB 𠃚 TANGUT RADICAL R0444
 189BC 𠃛 TANGUT RADICAL R0445
 189BD 𠃜 TANGUT RADICAL R0446
 189BE 𠃝 TANGUT RADICAL R0447
 189BF 𠃞 TANGUT RADICAL R0448
 189C0 𠃟 TANGUT RADICAL R0449
 189C1 𠃠 TANGUT RADICAL R0450
 189C2 𠃡 TANGUT RADICAL R0451
 189C3 𠃢 TANGUT RADICAL R0452
 189C4 𠃣 TANGUT RADICAL R0453
 189C5 𠃤 TANGUT RADICAL R0454
 189C6 𠃥 TANGUT RADICAL R0455
 189C7 𠃦 TANGUT RADICAL R0456
 189C8 𠃧 TANGUT RADICAL R0457
 189C9 𠃨 TANGUT RADICAL R0458
 189CA 𠃩 TANGUT RADICAL R0459
 189CB 𠃪 TANGUT RADICAL R0460
 189CC 𠃫 TANGUT RADICAL R0461
 189CD 𠃬 TANGUT RADICAL R0462
 189CE 𠃭 TANGUT RADICAL R0463
 189CF 𠃮 TANGUT RADICAL R0464
 189D0 𠃯 TANGUT RADICAL R0465
 189D1 𠃰 TANGUT RADICAL R0466
 189D2 𠃱 TANGUT RADICAL R0467
 189D3 𠃲 TANGUT RADICAL R0468
 189D4 𠃳 TANGUT RADICAL R0469
 189D5 𠃴 TANGUT RADICAL R0470
 189D6 𠃵 TANGUT RADICAL R0471
 189D7 𠃶 TANGUT RADICAL R0472
 189D8 𠃷 TANGUT RADICAL R0473
 189D9 𠃸 TANGUT RADICAL R0474
 189DA 𠃹 TANGUT RADICAL R0475
 189DB 𠃺 TANGUT RADICAL R0476
 189DC 𠃻 TANGUT RADICAL R0477
 189DD 𠃼 TANGUT RADICAL R0478
 189DE 𠃽 TANGUT RADICAL R0479
 189DF 𠃾 TANGUT RADICAL R0480

189E0 𐞇 TANGUT RADICAL R0481
 189E1 𐞈 TANGUT RADICAL R0482
 189E2 𐞉 TANGUT RADICAL R0483
 189E3 𐞊 TANGUT RADICAL R0484
 189E4 𐞋 TANGUT RADICAL R0485
 189E5 𐞌 TANGUT RADICAL R0486
 189E6 𐞍 TANGUT RADICAL R0487
 189E7 𐞎 TANGUT RADICAL R0488
 189E8 𐞏 TANGUT RADICAL R0489
 189E9 𐞐 TANGUT RADICAL R0490
 189EA 𐞑 TANGUT RADICAL R0491
 189EB 𐞒 TANGUT RADICAL R0492
 189EC 𐞓 TANGUT RADICAL R0493
 189ED 𐞔 TANGUT RADICAL R0494
 189EE 𐞕 TANGUT RADICAL R0495
 189EF 𐞖 TANGUT RADICAL R0496
 189F0 𐞗 TANGUT RADICAL R0497
 189F1 𐞘 TANGUT RADICAL R0498
 189F2 𐞙 TANGUT RADICAL R0499
 189F3 𐞚 TANGUT RADICAL R0500
 189F4 𐞛 TANGUT RADICAL R0501
 189F5 𐞜 TANGUT RADICAL R0502
 189F6 𐞝 TANGUT RADICAL R0503
 189F7 𐞞 TANGUT RADICAL R0504
 189F8 𐞟 TANGUT RADICAL R0505
 189F9 𐞠 TANGUT RADICAL R0506
 189FA 𐞡 TANGUT RADICAL R0507
 189FB 𐞢 TANGUT RADICAL R0508
 189FC 𐞣 TANGUT RADICAL R0509
 189FD 𐞤 TANGUT RADICAL R0510
 189FE 𐞥 TANGUT RADICAL R0511
 189FF 𐞦 TANGUT RADICAL R0512
 18A00 𐞧 TANGUT RADICAL R0513
 18A01 𐞨 TANGUT RADICAL R0514
 18A02 𐞩 TANGUT RADICAL R0515
 18A03 𐞪 TANGUT RADICAL R0516
 18A04 𐞫 TANGUT RADICAL R0517
 18A05 𐞬 TANGUT RADICAL R0518
 18A06 𐞭 TANGUT RADICAL R0519
 18A07 𐞮 TANGUT RADICAL R0520
 18A08 𐞯 TANGUT RADICAL R0521
 18A09 𐞰 TANGUT RADICAL R0522
 18A0A 𐞱 TANGUT RADICAL R0523
 18A0B 𐞲 TANGUT RADICAL R0524
 18A0C 𐞳 TANGUT RADICAL R0525
 18A0D 𐞴 TANGUT RADICAL R0526
 18A0E 𐞵 TANGUT RADICAL R0527
 18A0F 𐞶 TANGUT RADICAL R0528
 18A10 𐞷 TANGUT RADICAL R0529
 18A11 𐞸 TANGUT RADICAL R0530
 18A12 𐞹 TANGUT RADICAL R0531
 18A13 𐞺 TANGUT RADICAL R0532
 18A14 𐞻 TANGUT RADICAL R0533
 18A15 𐞼 TANGUT RADICAL R0534
 18A16 𐞽 TANGUT RADICAL R0535
 18A17 𐞿 TANGUT RADICAL R0536
 18A18 𐟀 TANGUT RADICAL R0537
 18A19 𐟁 TANGUT RADICAL R0538
 18A1A 𐟂 TANGUT RADICAL R0539
 18A1B 𐟃 TANGUT RADICAL R0540

18A1C 𐟄 TANGUT RADICAL R0541
 18A1D 𐟅 TANGUT RADICAL R0542
 18A1E 𐟆 TANGUT RADICAL R0543
 18A1F 𐟇 TANGUT RADICAL R0544
 18A20 𐟈 TANGUT RADICAL R0545
 18A21 𐟉 TANGUT RADICAL R0546
 18A22 𐟊 TANGUT RADICAL R0547
 18A23 𐟋 TANGUT RADICAL R0548
 18A24 𐟌 TANGUT RADICAL R0549
 18A25 𐟍 TANGUT RADICAL R0550
 18A26 𐟎 TANGUT RADICAL R0551
 18A27 𐟏 TANGUT RADICAL R0552
 18A28 𐟐 TANGUT RADICAL R0553
 18A29 𐟑 TANGUT RADICAL R0554
 18A2A 𐟒 TANGUT RADICAL R0555
 18A2B 𐟓 TANGUT RADICAL R0556
 18A2C 𐟔 TANGUT RADICAL R0557
 18A2D 𐟕 TANGUT RADICAL R0558
 18A2E 𐟖 TANGUT RADICAL R0559
 18A2F 𐟗 TANGUT RADICAL R0560
 18A30 𐟘 TANGUT RADICAL R0561
 18A31 𐟙 TANGUT RADICAL R0562
 18A32 𐟚 TANGUT RADICAL R0563
 18A33 𐟛 TANGUT RADICAL R0564
 18A34 𐟜 TANGUT RADICAL R0565
 18A35 𐟝 TANGUT RADICAL R0566
 18A36 𐟞 TANGUT RADICAL R0567
 18A37 𐟟 TANGUT RADICAL R0568
 18A38 𐟠 TANGUT RADICAL R0569
 18A39 𐟡 TANGUT RADICAL R0570
 18A3A 𐟢 TANGUT RADICAL R0571
 18A3B 𐟣 TANGUT RADICAL R0572
 18A3C 𐟤 TANGUT RADICAL R0573
 18A3D 𐟥 TANGUT RADICAL R0574
 18A3E 𐟦 TANGUT RADICAL R0575
 18A3F 𐟧 TANGUT RADICAL R0576
 18A40 𐟨 TANGUT RADICAL R0577
 18A41 𐟩 TANGUT RADICAL R0578
 18A42 𐟪 TANGUT RADICAL R0579
 18A43 𐟫 TANGUT RADICAL R0580
 18A44 𐟬 TANGUT RADICAL R0581
 18A45 𐟭 TANGUT RADICAL R0582
 18A46 𐟮 TANGUT RADICAL R0583
 18A47 𐟯 TANGUT RADICAL R0584
 18A48 𐟰 TANGUT RADICAL R0585
 18A49 𐟱 TANGUT RADICAL R0586
 18A4A 𐟲 TANGUT RADICAL R0587
 18A4B 𐟳 TANGUT RADICAL R0588
 18A4C 𐟴 TANGUT RADICAL R0589
 18A4D 𐟵 TANGUT RADICAL R0590
 18A4E 𐟶 TANGUT RADICAL R0591
 18A4F 𐟷 TANGUT RADICAL R0592
 18A50 𐟸 TANGUT RADICAL R0593
 18A51 𐟹 TANGUT RADICAL R0594
 18A52 𐟺 TANGUT RADICAL R0595
 18A53 𐟻 TANGUT RADICAL R0596
 18A54 𐟼 TANGUT RADICAL R0597
 18A55 𐟽 TANGUT RADICAL R0598
 18A56 𐟾 TANGUT RADICAL R0599
 18A57 𐟿 TANGUT RADICAL R0600

18A58 𐞗 TANGUT RADICAL R0601
 18A59 𐞘 TANGUT RADICAL R0602
 18A5A 𐞙 TANGUT RADICAL R0603
 18A5B 𐞚 TANGUT RADICAL R0604
 18A5C 𐞛 TANGUT RADICAL R0605
 18A5D 𐞜 TANGUT RADICAL R0606
 18A5E 𐞝 TANGUT RADICAL R0607
 18A5F 𐞞 TANGUT RADICAL R0608
 18A60 𐞟 TANGUT RADICAL R0609
 18A61 𐞠 TANGUT RADICAL R0610
 18A62 𐞡 TANGUT RADICAL R0611
 18A63 𐞢 TANGUT RADICAL R0612
 18A64 𐞣 TANGUT RADICAL R0613
 18A65 𐞤 TANGUT RADICAL R0614
 18A66 𐞥 TANGUT RADICAL R0615
 18A67 𐞦 TANGUT RADICAL R0616
 18A68 𐞧 TANGUT RADICAL R0617
 18A69 𐞨 TANGUT RADICAL R0618
 18A6A 𐞩 TANGUT RADICAL R0619
 18A6B 𐞪 TANGUT RADICAL R0620
 18A6C 𐞫 TANGUT RADICAL R0621
 18A6D 𐞬 TANGUT RADICAL R0622
 18A6E 𐞭 TANGUT RADICAL R0623
 18A6F 𐞮 TANGUT RADICAL R0624
 18A70 𐞯 TANGUT RADICAL R0625
 18A71 𐞰 TANGUT RADICAL R0626
 18A72 𐞱 TANGUT RADICAL R0627
 18A73 𐞲 TANGUT RADICAL R0628
 18A74 𐞳 TANGUT RADICAL R0629
 18A75 𐞴 TANGUT RADICAL R0630
 18A76 𐞵 TANGUT RADICAL R0631
 18A77 𐞶 TANGUT RADICAL R0632
 18A78 𐞷 TANGUT RADICAL R0633
 18A79 𐞸 TANGUT RADICAL R0634
 18A7A 𐞹 TANGUT RADICAL R0635
 18A7B 𐞺 TANGUT RADICAL R0636
 18A7C 𐞻 TANGUT RADICAL R0637
 18A7D 𐞼 TANGUT RADICAL R0638
 18A7E 𐞽 TANGUT RADICAL R0639
 18A7F 𐞾 TANGUT RADICAL R0640
 18A80 𐞿 TANGUT RADICAL R0641
 18A81 𐟀 TANGUT RADICAL R0642
 18A82 𐟁 TANGUT RADICAL R0643
 18A83 𐟂 TANGUT RADICAL R0644
 18A84 𐟃 TANGUT RADICAL R0645
 18A85 𐟄 TANGUT RADICAL R0646
 18A86 𐟅 TANGUT RADICAL R0647
 18A87 𐟆 TANGUT RADICAL R0648
 18A88 𐟇 TANGUT RADICAL R0649
 18A89 𐟈 TANGUT RADICAL R0650
 18A8A 𐟉 TANGUT RADICAL R0651
 18A8B 𐟊 TANGUT RADICAL R0652
 18A8C 𐟋 TANGUT RADICAL R0653
 18A8D 𐟌 TANGUT RADICAL R0654
 18A8E 𐟍 TANGUT RADICAL R0655
 18A8F 𐟎 TANGUT RADICAL R0656
 18A90 𐟏 TANGUT RADICAL R0657
 18A91 𐟐 TANGUT RADICAL R0658
 18A92 𐟑 TANGUT RADICAL R0659
 18A93 𐟒 TANGUT RADICAL R0660

18A94 𐟓 TANGUT RADICAL R0661
 18A95 𐟔 TANGUT RADICAL R0662
 18A96 𐟕 TANGUT RADICAL R0663
 18A97 𐟖 TANGUT RADICAL R0664
 18A98 𐟗 TANGUT RADICAL R0665
 18A99 𐟘 TANGUT RADICAL R0666
 18A9A 𐟙 TANGUT RADICAL R0667
 18A9B 𐟚 TANGUT RADICAL R0668
 18A9C 𐟛 TANGUT RADICAL R0669
 18A9D 𐟜 TANGUT RADICAL R0670
 18A9E 𐟝 TANGUT RADICAL R0671
 18A9F 𐟞 TANGUT RADICAL R0672
 18AA0 𐟟 TANGUT RADICAL R0673
 18AA1 𐟠 TANGUT RADICAL R0674
 18AA2 𐟡 TANGUT RADICAL R0675
 18AA3 𐟢 TANGUT RADICAL R0676
 18AA4 𐟣 TANGUT RADICAL R0677
 18AA5 𐟤 TANGUT RADICAL R0678
 18AA6 𐟥 TANGUT RADICAL R0679
 18AA7 𐟦 TANGUT RADICAL R0680
 18AA8 𐟧 TANGUT RADICAL R0681
 18AA9 𐟨 TANGUT RADICAL R0682
 18AAA 𐟩 TANGUT RADICAL R0683
 18AAB 𐟪 TANGUT RADICAL R0684
 18AAC 𐟫 TANGUT RADICAL R0685
 18AAD 𐟬 TANGUT RADICAL R0686
 18AAE 𐟭 TANGUT RADICAL R0687
 18AAF 𐟮 TANGUT RADICAL R0688
 18AB0 𐟯 TANGUT RADICAL R0689
 18AB1 𐟰 TANGUT RADICAL R0690
 18AB2 𐟱 TANGUT RADICAL R0691
 18AB3 𐟲 TANGUT RADICAL R0692
 18AB4 𐟳 TANGUT RADICAL R0693
 18AB5 𐟴 TANGUT RADICAL R0694
 18AB6 𐟵 TANGUT RADICAL R0695
 18AB7 𐟶 TANGUT RADICAL R0696
 18AB8 𐟷 TANGUT RADICAL R0697
 18AB9 𐟸 TANGUT RADICAL R0698
 18ABA 𐟹 TANGUT RADICAL R0699
 18ABB 𐟺 TANGUT RADICAL R0700
 18ABC 𐟻 TANGUT RADICAL R0701
 18ABD 𐟼 TANGUT RADICAL R0702
 18ABE 𐟽 TANGUT RADICAL R0703
 18ABF 𐟾 TANGUT RADICAL R0704
 18AC0 𐟿 TANGUT RADICAL R0705
 18AC1 𐟠 TANGUT RADICAL R0706
 18AC2 𐟡 TANGUT RADICAL R0707
 18AC3 𐟢 TANGUT RADICAL R0708
 18AC4 𐟣 TANGUT RADICAL R0709
 18AC5 𐟤 TANGUT RADICAL R0710
 18AC6 𐟥 TANGUT RADICAL R0711
 18AC7 𐟦 TANGUT RADICAL R0712
 18AC8 𐟧 TANGUT RADICAL R0713
 18AC9 𐟨 TANGUT RADICAL R0714
 18ACA 𐟩 TANGUT RADICAL R0715
 18ACB 𐟪 TANGUT RADICAL R0716
 18ACC 𐟫 TANGUT RADICAL R0717
 18ACD 𐟬 TANGUT RADICAL R0718
 18ACE 𐟭 TANGUT RADICAL R0719
 18ACF 𐟮 TANGUT RADICAL R0720

18AD0 𐞀 TANGUT RADICAL R0721
 18AD1 𐞁 TANGUT RADICAL R0722
 18AD2 𐞂 TANGUT RADICAL R0723
 18AD3 𐞃 TANGUT RADICAL R0724
 18AD4 𐞄 TANGUT RADICAL R0725
 18AD5 𐞅 TANGUT RADICAL R0726
 18AD6 𐞆 TANGUT RADICAL R0727
 18AD7 𐞇 TANGUT RADICAL R0728
 18AD8 𐞈 TANGUT RADICAL R0729
 18AD9 𐞉 TANGUT RADICAL R0730
 18ADA 𐞊 TANGUT RADICAL R0731
 18ADB 𐞋 TANGUT RADICAL R0732
 18ADC 𐞌 TANGUT RADICAL R0733
 18ADD 𐞍 TANGUT RADICAL R0734
 18ADE 𐞎 TANGUT RADICAL R0735
 18ADF 𐞏 TANGUT RADICAL R0736
 18AE0 𐞐 TANGUT RADICAL R0737
 18AE1 𐞑 TANGUT RADICAL R0738
 18AE2 𐞒 TANGUT RADICAL R0739
 18AE3 𐞓 TANGUT RADICAL R0740
 18AE4 𐞔 TANGUT RADICAL R0741
 18AE5 𐞕 TANGUT RADICAL R0742
 18AE6 𐞖 TANGUT RADICAL R0743
 18AE7 𐞗 TANGUT RADICAL R0744
 18AE8 𐞘 TANGUT RADICAL R0745
 18AE9 𐞙 TANGUT RADICAL R0746
 18AEA 𐞚 TANGUT RADICAL R0747
 18AEB 𐞛 TANGUT RADICAL R0748
 18AEC 𐞜 TANGUT RADICAL R0749
 18AED 𐞝 TANGUT RADICAL R0750
 18AEE 𐞞 TANGUT RADICAL R0751
 18AEF 𐞟 TANGUT RADICAL R0752
 18AF0 𐞠 TANGUT RADICAL R0753
 18AF1 𐞡 TANGUT RADICAL R0754
 18AF2 𐞢 TANGUT RADICAL R0755
 18AF3 𐞣 TANGUT RADICAL R0756
 18AF4 𐞤 TANGUT RADICAL R0757
 18AF5 𐞥 TANGUT RADICAL R0758
 18AF6 𐞦 TANGUT RADICAL R0759
 18AF7 𐞧 TANGUT RADICAL R0760
 18AF8 𐞨 TANGUT RADICAL R0761
 18AF9 𐞩 TANGUT RADICAL R0762
 18AFA 𐞪 TANGUT RADICAL R0763
 18AFB 𐞫 TANGUT RADICAL R0764
 18AFC 𐞬 TANGUT RADICAL R0765
 18AFD 𐞭 TANGUT RADICAL R0766
 18AFE 𐞮 TANGUT RADICAL R0767
 18AFF 𐞯 TANGUT RADICAL R0768
 18B00 𐞰 TANGUT RADICAL R0769
 18B01 𐞱 TANGUT RADICAL R0770
 18B02 𐞲 TANGUT RADICAL R0771
 18B03 𐞳 TANGUT RADICAL R0772
 18B04 𐞴 TANGUT RADICAL R0773
 18B05 𐞵 TANGUT RADICAL R0774
 18B06 𐞶 TANGUT RADICAL R0775
 18B07 𐞷 TANGUT RADICAL R0776
 18B08 𐞸 TANGUT RADICAL R0777
 18B09 𐞹 TANGUT RADICAL R0778
 18B0A 𐞺 TANGUT RADICAL R0779
 18B0B 𐞻 TANGUT RADICAL R0780

18B0C 𐞼 TANGUT RADICAL R0781
 18B0D 𐞽 TANGUT RADICAL R0782
 18B0E 𐞾 TANGUT RADICAL R0783
 18B0F 𐞿 TANGUT RADICAL R0784
 18B10 𐟀 TANGUT RADICAL R0785
 18B11 𐟁 TANGUT RADICAL R0786
 18B12 𐟂 TANGUT RADICAL R0787
 18B13 𐟃 TANGUT RADICAL R0788
 18B14 𐟄 TANGUT RADICAL R0789
 18B15 𐟅 TANGUT RADICAL R0790
 18B16 𐟆 TANGUT RADICAL R0791
 18B17 𐟇 TANGUT RADICAL R0792
 18B18 𐟈 TANGUT RADICAL R0793
 18B19 𐟉 TANGUT RADICAL R0794
 18B1A 𐟊 TANGUT RADICAL R0795
 18B1B 𐟋 TANGUT RADICAL R0796
 18B1C 𐟌 TANGUT RADICAL R0797
 18B1D 𐟍 TANGUT RADICAL R0798
 18B1E 𐟎 TANGUT RADICAL R0799
 18B1F 𐟏 TANGUT RADICAL R0800
 18B20 𐟐 TANGUT RADICAL R0801
 18B21 𐟑 TANGUT RADICAL R0802

14. Figures.

One “simple character” can be broken down into several elements or clusters of elements. For example, “ear” 𦍋 upon analysis is found to be composed of elements 耳 and 廾, and element 廾 may in turn be broken down into elements 丨, 冫; and 匕; “to see” 覩 is made up of elements 目 and 叟, and 叟 is itself made up of elements 見 and 夂.

These elements, however, are not themselves used independently and do not represent a special, independent meaning. The present writer refers to them as “character elements,” and at the present stage of his studies finds that in all some 348 kinds are used in Hsi-hsia characters (see p. 236, Japanese text). There are not a few instances in which these “character elements” indicate generic semantic categories. For example, 氵 indicates “things classifiable under water,” 钅 “metals,” 土 “earth,” 木 “trees,” 艹 “vegetables,” 艹 “plants,” 鳥 “birds,” 馬 “horses,” 言 “words,” etc. Since these elements do not stand alone and have no independent meaning, they cannot be classified as “characters.”

Figure 1. Text from Nishida Tatsuo, *A Study of Hsi-Hsia Language* Vol.2 (Tokyo, 1966) p. 547.

一 I, 176	二 I, 320	𠄎 I, 386	𠄎 I, 430
丨 I, 186	𠄎 I, 328	𠄎 I, 392	𠄎 I, 432
川 I, 214	𠄎 I, 354	𠄎 I, 406	𠄎 I, 433
𠄎 I, 240	𠄎 I, 362	𠄎 I, 407	𠄎 I, 437
二 I, 255	𠄎 I, 364	𠄎 I, 412	𠄎 I, 443
𠄎 I, 260	𠄎 I, 367	𠄎 I, 412	𠄎 I, 451
𠄎 I, 260	𠄎 I, 370	𠄎 I, 415	𠄎 I, 452
𠄎 I, 273	𠄎 I, 371	𠄎 I, 419	𠄎 I, 453
丨 I, 274	𠄎 I, 381	𠄎 I, 420	𠄎 I, 454
𠄎 I, 275	𠄎 I, 382	𠄎 I, 424	𠄎 I, 455
𠄎 I, 276	𠄎 I, 383	𠄎 I, 425	𠄎 I, 456
𠄎 I, 277	𠄎 I, 384	𠄎 I, 427	𠄎 I, 459

Figure 2a. Radicals from Nevskij 1960, p. 669.

卅 I, 462	𠂇 I, 599	𠂈 II, 161	𠂉 II, 197
卌 I, 516	𠂊 I, 600	𠂋 II, 161	𠂌 II, 198
𠂍 I, 518	𠂎 I, 600	𠂏 II, 165	𠂐 II, 199
𠂑 I, 538	𠂒 II, 8	𠂓 II, 170	𠂔 II, 213
𠂕 I, 550	𠂖 II, 128	𠂗 II, 172	𠂘 II, 215
𠂙 I, 564	𠂚 II, 136	𠂛 II, 176	𠂜 II, 216
𠂝 I, 582	𠂞 II, 137	𠂟 II, 183	𠂠 II, 218
𠂡 I, 585	𠂢 II, 138	𠂣 II, 183	𠂤 II, 219
𠂥 I, 589	𠂦 II, 141	𠂧 II, 185	𠂨 II, 220
𠂩 I, 594	𠂪 II, 148	𠂫 II, 187	𠂬 II, 220
𠂭 I, 597	𠂮 II, 150	𠂯 II, 188	𠂰 II, 221
𠂱 I, 598	𠂲 II, 156	𠂳 II, 193	𠂴 II, 221

Figure 2b. Radicals from Nevskij 1960, p. 670.

𠂇 II, 222	𠂈 II, 254	𠂉 II, 275	𠂊 II, 301
𠂋 II, 224	𠂌 II, 256	𠂍 II, 281	𠂎 II, 302
𠂏 II, 225	𠂐 II, 261	𠂑 II, 283	𠂒 II, 303
𠂓 II, 235	𠂔 II, 261	𠂕 II, 283	𠂖 II, 303
𠂗 II, 238	𠂘 II, 262	𠂙 II, 283	𠂚 II, 322
𠂛 II, 238	𠂜 II, 263	𠂝 II, 283	𠂞 II, 323
𠂟 II, 239	𠂠 II, 264	𠂡 II, 284	𠂢 II, 324
𠂣 II, 239	𠂤 II, 269	𠂥 II, 284	𠂦 II, 325
𠂧 II, 240	𠂨 II, 270	𠂩 II, 284	𠂪 II, 337
𠂫 II, 241	𠂬 II, 272	𠂭 II, 287	𠂮 II, 337
𠂯 II, 243	𠂰 II, 274	𠂱 II, 295	𠂲 II, 340
𠂳 II, 247	𠂴 II, 274	𠂵 II, 296	𠂶 II, 343

Figure 2c. Radicals from Nevskij 1960, p. 671.

变 II, 352	堯 II, 396	屮 II, 421	𠂔 II, 429
夜 II, 353	𦉳 II, 397	𠂔 II, 422	𠂔 II, 432
尾 II, 354	𦉳 II, 403	𠂔 II, 424	𠂔 II, 432
屮 II, 354	𦉳 II, 403	𠂔 II, 425	𠂔 II, 438
𠂔 II, 357	𠂔 II, 407	𠂔 II, 425	𠂔 II, 438
𠂔 II, 359	𠂔 II, 410	𠂔 II, 426	𠂔 II, 439
𠂔 II, 360	𦉳 II, 413	𠂔 II, 426	𠂔 II, 443
𠂔 II, 361	𠂔 II, 416	𠂔 II, 427	𠂔 II, 444
𠂔 II, 385	𦉳 II, 417	𠂔 II, 428	𠂔 II, 444
𦉳 II, 386	𦉳 II, 418	𠂔 II, 428	𠂔 II, 445
𦉳 II, 390	𦉳 II, 420	𠂔 II, 429	𠂔 II, 446
𦉳 II, 391	𦉳 II, 420	𠂔 II, 429	𠂔 II, 446

Figure 2d. Radicals from Nevskij 1960, p. 672.

彡 II, 448	彡 II, 462	彡 II, 484	彡 II, 497
彡 II, 450	彡 II, 463	彡 II, 485	彡 II, 498
彡 II, 451	彡 II, 464	彡 II, 486	彡 II, 499
彡 II, 451	彡 II, 466	彡 II, 488	彡 II, 501
彡 II, 452	彡 II, 467	彡 II, 489	彡 II, 502
彡 II, 453	彡 II, 471	彡 II, 489	彡 II, 503
彡 II, 454	彡 II, 472	彡 II, 490	彡 II, 504
彡 II, 454	彡 II, 475	彡 II, 493	彡 II, 505
彡 II, 455	彡 II, 476	彡 II, 494	彡 II, 509
彡 II, 459	彡 II, 477	彡 II, 495	彡 II, 511
彡 II, 460	彡 II, 481	彡 II, 496	彡 II, 513
彡 II, 461	彡 II, 482	彡 II, 497	彡 II, 515

Figure 2e. Radicals from Nevskij 1960, p. 673.

青 II, 517	𠂔 II, 539	𠂔 II, 552	𠂔 II, 574
𠂔 II, 519	𠂔 II, 542	𠂔 II, 560	𠂔 II, 574
𠂔 II, 520	𠂔 II, 544	𠂔 II, 561	𠂔 II, 574
𠂔 II, 520	𠂔 II, 545	𠂔 II, 562	𠂔 II, 575
𠂔 II, 521	𠂔 II, 546	𠂔 II, 563	𠂔 II, 576
𠂔 II, 522	𠂔 II, 547	𠂔 II, 563	𠂔 II, 576
𠂔 II, 523	𠂔 II, 548	𠂔 II, 564	𠂔 II, 576
𠂔 II, 524	𠂔 II, 549	𠂔 II, 566	𠂔 II, 577
𠂔 II, 526	𠂔 II, 549	𠂔 II, 567	𠂔 II, 577
𠂔 II, 527	𠂔 II, 550	𠂔 II, 570	𠂔 II, 577
𠂔 II, 536	𠂔 II, 550	𠂔 II, 572	𠂔 II, 578
𠂔 II, 538	𠂔 II, 551	𠂔 II, 573	𠂔 II, 579

Figure 2f. Radicals from Nevskij 1960, p. 674.

𦍋 II, 580	𦍌 II, 591	𦍍 II, 599	𦍎 II, 607
𦍇 II, 580	𦍈 II, 592	𦍉 II, 599	𦍊 II, 608
𦍋 II, 580	𦍌 II, 593	𦍍 II, 600	𦍎 II, 609
𦍇 II, 581	𦍈 II, 593	𦍉 II, 601	𦍊 II, 611
𦍋 II, 582	𦍌 II, 594	𦍍 II, 601	𦍎 II, 612
𦍇 II, 583	𦍈 II, 595	𦍉 II, 601	𦍊 II, 612
𦍋 II, 584	𦍌 II, 595	𦍍 II, 602	𦍎 II, 613
𦍇 II, 585	𦍈 II, 596	𦍉 II, 604	𦍊 II, 613
𦍋 II, 585	𦍌 II, 596	𦍍 II, 605	𦍎 II, 614
𦍇 II, 586	𦍈 II, 597	𦍉 II, 605	𦍊 II, 614
𦍋 II, 587	𦍌 II, 598	𦍍 II, 606	𦍎 II, 615
𦍇 II, 589	𦍈 II, 598	𦍉 II, 607	𦍊 II, 615

Figure 2g. Radicals from Nevskij 1960, p. 675.

𦍋 II, 616	𦍌 II, 623	𦍍 II, 635	𦍎 II, 646
𦍇 II, 617	𦍈 II, 623	𦍉 II, 635	𦍊 II, 646
𦍋 II, 618	𦍌 II, 624	𦍍 II, 636	𦍎 II, 647
𦍇 II, 618	𦍈 II, 629	𦍉 II, 638	𦍊 II, 647
𦍋 II, 619	𦍌 II, 631	𦍍 II, 639	𦍎 II, 648
𦍇 II, 620	𦍈 II, 631	𦍉 II, 639	𦍊 II, 648
𦍋 II, 620	𦍌 II, 632	𦍍 II, 640	𦍎 II, 649
𦍇 II, 621	𦍈 II, 633	𦍉 II, 641	𦍊 II, 649
𦍋 II, 621	𦍌 II, 634	𦍍 II, 642	𦍎 II, 650
𦍇 II, 622	𦍈 II, 634	𦍉 II, 642	𦍊 II, 651
𦍋 II, 622	𦍌 II, 634	𦍍 II, 643	𦍎 II, 651
𦍇 II, 622	𦍈 II, 635	𦍉 II, 645	𦍊 II, 652

Figure 2h. Radicals from Nevskij 1960, p. 676.

𠂔 II, 652	𠂔 II, 652	𠂔 II, 657	𠂔 II, 659	𠂔 II, 663
𠂔 II, 653	𠂔 II, 657	𠂔 II, 660	𠂔 II, 664	𠂔 II, 664
𠂔 II, 654	𠂔 II, 658	𠂔 II, 661	𠂔 II, 665	𠂔 II, 665
𠂔 II, 655	𠂔 II, 658	𠂔 II, 661	𠂔 II, 665	𠂔 II, 665
𠂔 II, 655	𠂔 II, 659	𠂔 II, 662	𠂔 II, 666	𠂔 II, 666
𠂔 II, 656	𠂔 II, 659	𠂔 II, 662	𠂔 II, 666	𠂔 II, 666

Figure 2i. Radicals from Nevskij 1960, p. 677.

西夏文字小字典目次

001 一 309	028 𐵇 344	055 𐵑 365
002 𐵈 310	029 𐵈 346	056 𐵒 364
003 二 311	030 𐵉 346	057 𐵓 365
004 𐵉 311	031 𐵊 346	058 𐵔 365
005 𐵋 312	032 𐵋 347	059 𐵕 365
006 𐵌 312	033 𐵌 347	060 𐵖 366
007 𐵍 313	034 𐵍 348	061 𐵗 366
008 𐵎 319	035 𐵎 348	062 𐵘 367
009 𐵏 320	036 𐵏 348	063 𐵙 367
010 𐵐 322	037 𐵐 348	064 𐵚 367
011 𐵑 324	038 𐵑 349	065 𐵛 367
012 𐵒 324	039 𐵒 349	066 𐵜 367
013 𐵓 324	040 𐵓 353	067 𐵝 367
014 𐵔 324	041 𐵔 353	068 𐵞 367
015 𐵕 324	042 𐵕 359	069 𐵟 368
016 𐵖 324	043 𐵖 359	070 𐵠 368
017 𐵗 324	044 𐵗 359	071 𐵡 369
018 𐵘 334	045 𐵘 359	072 𐵢 369
019 𐵙 337	046 𐵙 360	073 𐵣 369
020 𐵚 338	047 𐵚 360	074 𐵤 370
021 𐵛 339	048 𐵛 361	074b 𐵥 370
022 𐵜 340	049 𐵜 361	075 𐵦 370
023 𐵝 340	050 𐵝 362	076 𐵧 371
024 𐵞 340	051 𐵞 362	077 𐵨 371
025 𐵟 340	052 𐵟 363	078 𐵩 371
026 𐵠 340	053 𐵠 363	079 𐵪 372
027 𐵡 343	054 𐵡 363	080 𐵫 372

Figure 3a. Radicals from Nishida 1964, p. 305.

081	𠄎	373	111	𠄎	389	140	𠄎	398
082	𠄎	374	112	𠄎	389	141	𠄎	399
083	𠄎	374	113	𠄎	390	142	𠄎	993
084	𠄎	374	114	𠄎	390	143	𠄎	993
085	𠄎	374	115	𠄎	390	144	𠄎	399
086	𠄎	375	116	𠄎	390	145	𠄎	401
087	𠄎	375	117	𠄎	391	146	𠄎	401
088	𠄎	376	118	𠄎	391	147	𠄎	401
089	𠄎	376	119	𠄎	391	147b	𠄎	402
090	𠄎	377	120	𠄎	391	148	𠄎	402
091	𠄎	377	121	𠄎	391	149	𠄎	402
092	𠄎	377	122	𠄎	392	150	𠄎	402
093	𠄎	377	123	𠄎	392	151	𠄎	402
094	𠄎	377	123b	𠄎	394	152	𠄎	402
095	𠄎	377	124	𠄎	394	153	𠄎	403
096	𠄎	377	125	𠄎	394	154	𠄎	403
097	𠄎	378	126	𠄎	394	155	𠄎	403
098	𠄎	378	127	𠄎	394	156	𠄎	404
099	𠄎	379	128	𠄎	394	157	𠄎	404
100	𠄎	380	129	𠄎	395	158	𠄎	405
101	𠄎	380	130	𠄎	395	159	𠄎	405
102	𠄎	380	131	𠄎	395	159b	𠄎	406
103	𠄎	382	132	𠄎	395	160	𠄎	406
104	𠄎	383	133	𠄎	395	161	𠄎	406
105	𠄎	383	134	𠄎	396	162	𠄎	407
106	𠄎	384	135	𠄎	396	163	𠄎	407
107	𠄎	385	136	𠄎	397	164	𠄎	407
108	𠄎	386	137	𠄎	397	165	𠄎	408
109	𠄎	387	138	𠄎	397	166	𠄎	408
110	𠄎	388	139	𠄎	397	167	𠄎	498

Figure 3b. Radicals from Nishida 1964, p. 306.

168	表	408	198	齊	428	228	委	465
169	而	408	199	齊	438	229	委	466
170	肅	408	200	委	428	230	又	466
171	肅	408	201	多	428	231	又	468
172	肅	409	202	又	429	232	又	468
173	肅	409	203	又	430	233	又	469
174	肅	409	204	多	431	234	又	469
175	肅	409	205	刻	449	235	又	469
176	肅	409	206	又	451	235b	委	470
177	肅	410	207	又	451	236	多	471
178	肅	410	208	多	451	237	多	476
179	肅	410	209	多	452	238	多	476
180	夕	410	210	夕	452	239	又	477
181	夕	412	211	夕	455	240	又	477
182	夕	418	212	多	459	241	良	477
183	夕	421	213	多	459	242	良	478
184	夕	421	214	夕	459	243	良	479
185	夕	422	215	委	459	244	良	480
186	夕	423	216	委	459	245	良	480
187	夕	424	217	多	460	246	良	480
188	多	424	218	又	460	247	良	481
189	多	425	219	又	461	247b	良	481
190	多	425	220	又	461	248	良	481
191	多	425	221	又	462	249	良	481
192	多	425	222	又	463	250	平	481
193	多	426	223	又	464	251	平	482
194	多	426	224	又	464	252	平	482
195	多	427	225	又	464	253	平	482
196	多	427	226	委	465	254	平	482
197	多	427	227	委	465	255	良	482

Figure 3c. Radicals from Nishida 1964, p. 307.

256	鼻	485	279	凡	493	302	夔	499
257	冂	486	280	荒	493	303	夔	499
258	冂	486	281	充	493	304	夏	500
259	冂	486	282	乞	493	305	夏	500
260	冂	487	283	毛	493	306	夏	501
261	冂	488	284	毛	493	307	夏	501
262	冂	488	285	毛	493	308	夏	501
263	冂	489	286	夏	494	309	夏	501
264	冂	489	287	芥	494	310	芥	501
265	冂	489	288	芥	494	311	芥	501
266	冂	489	289	芥	494	312	芥	502
267	冂	489	290	芥	495	313	夔	502
268	几	489	291	夏	495	314	幸	502
269	几	489	292	夏	495	315	幸	502
270	几	491	293	芥	495	316	夔	503
271	几	491	294	芥	495	317	夔	503
272	几	491	295	夏	495	318	夏	503
273	几	491	296	幸	496	319	世	503
274	几	491	297	夏	496	017b	世	504
275	几	491	298	夏	498	017c	芥	504
276	几	492	299	夏	498	017d	芥	504
277	夏	492	300	世	499	017e	夏	505
278	几	492	301	夏	499			

Figure 3d. Radicals from Nishida 1964, p. 308.

УКАЗАТЕЛЬ ГРАФИЧЕСКИХ ЭЛЕМЕНТОВ

一	𠄎	0187	𠄎	0434	𠄎	0589	𠄎	0994	𠄎	1285	𠄎	1437	𠄎	1658
三	𠄎	0001	𠄎	0200	𠄎	0452	𠄎	0599	𠄎	1020	𠄎	1288	𠄎	1487
𠄎	𠄎	0012	𠄎	0209	𠄎	0467	𠄎	0619	𠄎	1055	𠄎	1310	𠄎	1496
𠄎	𠄎	0041	𠄎	0220	𠄎	0469	𠄎	0665	𠄎	1070	𠄎	1313	𠄎	1567
𠄎	𠄎	0051	𠄎	0237	𠄎	0472	𠄎	0669	𠄎	1094	𠄎	1318	𠄎	1596
𠄎	𠄎	0059	𠄎	0257	𠄎	0473	𠄎	0670	𠄎	1183	𠄎	1319	𠄎	1619
𠄎	𠄎	0076	𠄎	0261	𠄎	0492	𠄎	0671	𠄎	1228	𠄎	1323	𠄎	1625
𠄎	𠄎	0078	𠄎	0293	𠄎	0500	𠄎	0675	𠄎	1248	𠄎	1326	𠄎	1626
𠄎	𠄎	0084	𠄎	0306	𠄎	0529	𠄎	0728	𠄎	1248	𠄎	1344	𠄎	1630
𠄎	𠄎	0137	𠄎	0322	𠄎	0540	𠄎	0757	𠄎	1253	𠄎	1372	𠄎	1631
𠄎	𠄎	0159	𠄎	0385	𠄎	0560	𠄎	0837	𠄎	1267	𠄎	1374	𠄎	1632
𠄎	𠄎	0163	𠄎	0431	𠄎	0584	𠄎	0931	𠄎	1283	𠄎	1418	𠄎	1652

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Figure 5a. Radicals from Sofronov 1968, p. 276.

麦	1729	𪛗	2162	𪛘	2429	𪛙	2562	𪛚	2873	𪛛	2973	𪛜	3177	𪛝	3591
𪛛	1739	𪛞	2170	𪛟	2431	𪛠	2569	𪛡	2874	𪛢	3004	𪛣	3191	𪛤	3593
𪛜	1762	𪛥	2181	𪛦	2443	𪛧	2577	𪛨	2876	𪛩	3007	𪛪	3196	𪛫	3600
𪛝	1765	𪛬	2197	𪛭	2446	𪛮	2588	𪛯	2876	𪛰	3016	𪛱	3197	𪛲	3628
𪛞	1772	𪛳	2233	𪛴	2448	𪛵	2598	𪛶	2887	𪛷	3019	𪛸	3212	𪛹	3631
𪛟	1825	𪛴	2241	𪛵	2463	𪛶	2605	𪛷	2889	𪛸	3027	𪛹	3221	𪛺	3635
𪛠	1893	𪛵	2244	𪛶	2469	𪛷	2619	𪛸	2896	𪛹	3038	𪛺	3244	𪛻	3638
𪛡	1905	𪛶	2272	𪛷	2471	𪛸	2621	𪛹	2897	𪛺	3043	𪛻	3263	𪛼	3641
𪛢	1906	𪛷	2275	𪛸	2475	𪛹	2622	𪛺	2898	𪛻	3070	𪛼	3294	𪛽	3643
𪛣	1919	𪛸	2328	𪛹	2478	𪛺	2641	𪛻	2907	𪛼	3071	𪛽	3296	𪛾	3646
𪛤	1925	𪛸	2332	𪛹	2481	𪛺	2695	𪛻	2915	𪛼	3099	𪛽	3301	𪛿	3662
𪛥	1932	𪛹	2343	𪛺	2498	𪛻	2719	𪛼	2923	𪛽	3101	𪛾	3309	𪛿	3663
𪛦	1934	𪛺	2354	𪛻	2499	𪛼	2742	𪛽	2925	𪛾	3106	𪛿	3311	𪛿	3695
𪛧	1937	𪛻	2357	𪛼	2500	𪛽	2767	𪛾	2932	𪛿	3107	𪛿	3344	𪛿	3696
𪛨	1983	𪛼	2360	𪛽	2501	𪛾	2804	𪛿	2935	𪛿	3108	𪛿	3390	𪛿	3790
𪛩	2051	𪛽	2363	𪛾	2508	𪛿	2814	𪛿	2942	𪛿	3109	𪛿	3482	𪛿	3812
𪛪	2111	𪛾	2369	𪛿	2515	𪛿	2841	𪛿	2949	𪛿	3113	𪛿	3484	𪛿	3834
𪛫	2136	𪛿	2395	𪛿	2517	𪛿	2850	𪛿	2952	𪛿	3118	𪛿	3487	𪛿	3836
𪛬	2146	𪛿	2396	𪛿	2531	𪛿	2856	𪛿	2964	𪛿	3128	𪛿	3498	𪛿	3841
𪛭	2147	𪛿	2404	𪛿	2546	𪛿	2862	𪛿	2969	𪛿	3130	𪛿	3508	𪛿	3846
𪛮	2152	𪛿	2407	𪛿	2549	𪛿	2865	𪛿	2971	𪛿	3154	𪛿	3571	𪛿	3857

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Figure 5b. Radicals from Sofronov 1968, p. 277.

𠃉	3880	𠃊	4313	𠃋	4990	𠃌	5189	𠃍	5348	𠃎	5714
𠃏	3891			𠃐	4991	𠃑	5190	𠃒	5374	𠃓	5734
𠃔	3897	𠃕	4315	𠃖	5005	𠃗	5191	𠃘	5401	𠃙	5759
𠃚	3898	𠃛	4319	𠃜	5013	𠃝	5194	𠃞	5422	𠃟	5788
𠃠	3905	𠃡	4458	𠃢	5030	𠃣	5195	𠃤	5433	𠃥	5792
𠃦	3910	𠃧	4525	𠃨	5040	𠃩	5246	𠃪	5437		
𠃫	3913	𠃬	4545	𠃭	5051	𠃮	5254	𠃯	5442		
𠃰	3918	𠃱	4667	𠃲	5056	𠃳	5257	𠃴	5445		
𠃵	3919	𠃶	4706	𠃷	5067	𠃸	5259	𠃹	5452		
𠃺	3921	𠃻	4791	𠃼	5081	𠃽	5284	𠃾	5463		
𠃿	3928	𠄀	4792	𠄁	5086	𠄂	5295	𠄃	5473		
𠄆	3956	𠄇	4793	𠄈	5092	𠄉	5297	𠄊	5492		
𠄋	3963	𠄌	4815	𠄍	5095	𠄎	5299	𠄏	5506		
𠄐	3966	𠄑	4826	𠄒	5097	𠄓	5302	𠄔			
𠄕	3980	𠄖	4829	𠄗	5106	𠄘	5304	𠄙	5555		
𠄚	4064	𠄛	4831	𠄜	5119	𠄝	5308	𠄞	5573		
𠄟	4144	𠄠	4875	𠄡	5121	𠄢	5312	𠄣	5637		
𠄥	4176	𠄦	4895	𠄧	5129	𠄨	5317	𠄩	5649		
𠄫	4204	𠄬	4934	𠄭	5148	𠄮	5330	𠄯	5650		
𠄴	4232	𠄵	4961	𠄶	5178	𠄷	5339	𠄸	5674		
𠄺	4259	𠄻	4978	𠄼	5182	𠄽	5347	𠄾	5680		

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Figure 5c. Radicals from Sofronov 1968, p. 278.

УКАЗАТЕЛЬ
по графической системе к словарю
" МОРЕ ПИСЬМЕН "

Своеобразие графики тангутской письменности обуславливает при расположении ее знаков по графической системе существенные изменения в сравнении с той, которая разработана и принята для китайской письменности, на основе классификаций В.П.Васильева и О.Розенберга.

Сохраняя в общем ту же последовательность в направлении основных черт, которая характерна для деления иероглифов по пяти отделам



для классификации тангутских знаков предлагаем не 24 раздела, а семнадцать, которые группируются в таком порядке:

—			П	П	/	ㄥ	ㄥ	ㄥ ₂	ㄥ ₃	L	L	L	П	П	П	ㄣ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Разделы 8, 9 и 10 нуждаются в следующих пояснениях.

Направление откидной черты вправо (\) наблюдается в подавляющем большинстве всех тангутских знаков. Особенно разветвлен производными знаками раздел 8, в который входит также и графема ㄥ, производная от ㄥ. Поэтому производные этой графемы пришлось подразделить на три части (ㄥ₁, ㄥ₂, ㄥ₃).

Figure 6a. Strokes from Keping 1969, p. 190.

		1. 一					2. 丨								
		𠄎	𠄎	𠄎	𠄎	𠄎	丨	丨	丨	丨	丨	丨	丨	丨	丨
		1	2	3	4	5	1	2	3	4	5	6	7	8	9
1	a	𠄎	𠄎	𠄎	𠄎	𠄎	𠄎	丨	丨	丨	丨	丨	丨	丨	丨
2	b	𠄎	𠄎	𠄎		𠄎	𠄎	丨	丨	丨	丨	丨	丨		丨
3	c	𠄎	𠄎	𠄎			𠄎	丨		丨	丨	丨			丨
4	d	𠄎		𠄎			𠄎	丨			丨	丨			丨
5	e			𠄎			𠄎	丨	丨		丨				丨
6	f			𠄎			𠄎	丨	丨		丨	丨			
7	g			𠄎			𠄎	丨	丨		丨				丨
8	h			𠄎			𠄎	丨	丨		丨	丨			
9	i			𠄎			𠄎	丨			丨	丨			
10	j			𠄎			𠄎	丨			丨	丨			
11	k			𠄎			𠄎	丨			丨	丨			
12	l			𠄎			𠄎	丨			丨	丨			
13	m			𠄎			𠄎	丨			丨	丨			
14	n			𠄎			𠄎	丨			丨				
15	o			𠄎			𠄎	丨			丨				
16	p			𠄎			𠄎	丨			丨				
17	q			𠄎			𠄎	丨			丨				
18	r						𠄎	丨			丨				
19	s						𠄎	丨			丨				
20	t						𠄎	丨			丨				
21	u						𠄎	丨			丨				
22	v						𠄎	丨			丨				
23	w						𠄎	丨			丨				

Figure 6b. Radicals from Keping 1969, p. 195.

9. 夂														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
a	夂	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂
o	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
o	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
z	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
g	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
e	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
x	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
z	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
u	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
k	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
l	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
m	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
H	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
o	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
n	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
p	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
c	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
m	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
y	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
o	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
x	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
y	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂
z	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	夂	夂	夂	夂	夂	夂

Figure 6f. Radicals from Keping 1969, p. 199.

11. 匕												12. 匕		
	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
	1	2	3	4	5	6	7	8	9	10	11	12	1	2
a	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɔ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɕ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɿ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɟ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
e	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɥ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ʒ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
u	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
k	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ŋ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
m	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
n	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
o	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɲ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɸ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
c	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
m	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɣ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɕ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɕ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɕ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɕ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕
ɕ	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕	匕

Figure 6h. Radicals from Keping 1969, p. 201.

	12. 匕	13. 匕	14. 匕
	𠂇 𠂈 𠂉 𠂊	𠂋 𠂌 𠂍 𠂎 𠂏 𠂐	𠂑 𠂒 𠂓 𠂔
	3 4 5 6	1 2 3 4 5 6	1 2 3 4
a	𠂇 𠂈 𠂉 𠂊	𠂋 𠂌 𠂍 𠂎 𠂏 𠂐	𠂑 𠂒 𠂓 𠂔
s	𠂇 𠂈 𠂉 𠂊	𠂋 𠂌 𠂍 𠂎 𠂏 𠂐	𠂑 𠂒 𠂓 𠂔
b	𠂇 𠂈 𠂉 𠂊	𠂋 𠂌 𠂍 𠂎	𠂑 𠂒 𠂓 𠂔
z	𠂇 𠂈	𠂋 𠂌 𠂍	𠂑 𠂒 𠂓 𠂔
g	𠂇	𠂋 𠂌 𠂍	𠂑 𠂒 𠂓 𠂔
c	𠂇	𠂋 𠂌 𠂍	𠂑 𠂒 𠂓 𠂔
pk	𠂇	𠂋 𠂌	𠂑 𠂒 𠂓 𠂔
ʒ	𠂇	𠂋 𠂌	𠂑 𠂒 𠂓 𠂔
u	𠂇	𠂋 𠂌	𠂑 𠂒 𠂓 𠂔
k	𠂇	𠂋 𠂌	𠂑 𠂒 𠂓 𠂔
ɲ	𠂇	𠂋 𠂌	𠂑 𠂒 𠂓 𠂔
ɱ	𠂇	𠂋	𠂑 𠂒 𠂓 𠂔
h	𠂇	𠂋	𠂑 𠂒 𠂓 𠂔
o	𠂇	𠂋	𠂑 𠂒 𠂓 𠂔
n	𠂇	𠂋	𠂑 𠂒 𠂓 𠂔
p	𠂇	𠂋	𠂑 𠂒 𠂓 𠂔
c	𠂇		𠂑 𠂒 𠂓 𠂔
m	𠂇		𠂑 𠂒 𠂓 𠂔
y	𠂇		𠂑 𠂒 𠂓 𠂔
ɕ	𠂇		𠂑 𠂒 𠂓 𠂔
x	𠂇		𠂑 𠂒 𠂓 𠂔
ɣ	𠂇		𠂑 𠂒 𠂓 𠂔
ʀ	𠂇		𠂑 𠂒 𠂓 𠂔

Figure 6i. Radicals from Keping 1969, p. 202.

	15. 匕	16. 匕	17. 匕
	匕 匕 匕 匕 匕 1 2 3 4 5	匕 匕 匕 匕 1 2 3 4	匕 □ 1 2
a	匕 匕 匕 匕 匕	匕 匕 匕 匕	乘 □
δ	匕 匕 匕 匕	匕 匕	乘
θ	匕 匕 匕 匕	匕 匕	乘
z	匕 匕 匕	匕 匕	
g	匕 匕 匕	匕	
e	匕 匕 匕	匕	
h	匕 匕	匕	
子	匕	匕	
u	匕	匕	
k	匕	匕	
l	匕	匕	
m	匕	匕	
h	匕	匕	
o	匕	匕	
n	匕	匕	
p	匕	匕	
c	匕		
元	匕		

Figure 6j. Radicals from Keping 1969, p. 203.

卅	72	川	78	游	87	乚	113	夜	135
卅	72	石	79	月	87	尾	114	乚	136
丨	73	冫	79	冫	90	𠂇	115	父	136
丨	74	川	80	冫	90	几	116	父	137
丨	74	冫	80	冫	91	几	116	𠂇	143
丨	74	冫	81	冫	91	尾	118	𠂇	143
冫	75	冫	81	冫	91	化	119	𠂇	144
冫	75	冫	81	冫	92	化	121	𠂇	146
十	75	冫	81	冫	92	尾	123	𠂇	147
十	75	冫	81	冫	92	尾	124	乚	147
十	75	冫	81	冫	92	尾	124	父	147
十	75	冫	82	冫	93	尾	126	父	147
十	75	冫	83	冫	93	尾	126	父	148
十	75	冫	84	冫	94	尾	127	父	148
十	76	冫	85	冫	95	尾	127	父	148
十	76	冫	85	冫	96	尾	127	父	148
十	76	冫	85	冫	97	尾	129	父	148
十	76	冫	86	冫	99	尾	129	父	150
十	76	冫	86	冫	99	尾	129	父	150
十	76	冫	86	冫	99	尾	130	父	150
十	77	冫	86	冫	106	尾	131	父	150
十	77	冫	87	冫	109	尾	134	父	151
十	77	冫	87	冫	110	尾	135	父	151
十	77	冫	87	冫	111	尾	135	父	151
十	78	冫	87	冫		尾		父	

Figure 7. Radicals from Grinstead 1972.

一 部 首 表

乙	674	工	679	折	681	丑	685	羊	689	亥	691
一	674	冫	679	𠂔	681	艸	685	𠂔	689	亥	691
フ	674	𠂔	679	𠂔	681	𠂔	685	𠂔	689	亥	691
ノ	674	𠂔	679	𠂔	681	𠂔	685	𠂔	689	亥	691
彡	675	𠂔	679	𠂔	681	𠂔	685	𠂔	690	亥	691
彣	676	𠂔	679	𠂔	681	𠂔	685	𠂔	690	亥	691
彥	676	𠂔	679	𠂔	682	𠂔	686	𠂔	690	亥	691
彥	676	𠂔	679	𠂔	682	𠂔	686	𠂔	690	亥	692
彥	676	𠂔	680	𠂔	682	𠂔	686	𠂔	690	亥	692
彥	676	𠂔	680	𠂔	682	𠂔	686	𠂔	690	亥	692
彥	676	𠂔	680	𠂔	682	𠂔	686	𠂔	690	亥	692
彥	676	𠂔	680	𠂔	682	𠂔	686	𠂔	690	亥	692
彥	676	𠂔	680	𠂔	682	𠂔	686	𠂔	690	亥	692
彥	676	𠂔	680	𠂔	682	𠂔	686	𠂔	690	亥	692
彥	676	𠂔	680	𠂔	682	𠂔	686	𠂔	690	亥	692
彥	677	𠂔	680	𠂔	682	𠂔	686	𠂔	690	亥	692
彥	677	𠂔	680	𠂔	683	𠂔	686	𠂔	690	亥	692
彥	677	𠂔	680	𠂔	684	𠂔	686	𠂔	690	亥	692
彥	678	𠂔	681	𠂔	684	𠂔	686	𠂔	690	亥	692
彥	678	𠂔	681	𠂔	684	𠂔	686	𠂔	691	亥	692
彥	678	𠂔	681	𠂔	684	𠂔	686	𠂔	691	亥	692
彥	678	𠂔	681	𠂔	684	𠂔	686	𠂔	691	亥	692
彥	678	𠂔	681	𠂔	685	𠂔	686	𠂔	691	亥	692
彥	678	𠂔	681	𠂔	685	𠂔	686	𠂔	691	亥	692
彥	679	𠂔	681	𠂔	685	𠂔	686	𠂔	691	亥	692
彥	679	𠂔	681	𠂔	685	𠂔	686	𠂔	691	亥	693
彥	679	𠂔	681	𠂔	685	𠂔	686	𠂔	691	亥	693

Figure 8a. Radicals from Shǐ Jīnbō 1983, p. 671.

夏漢檢字索引

〔說明〕

(一)本索引按西夏字的筆畫部首分類。有的字,因部首相同而讀音亦同,例如 𐵇 𐵈 tsa 1.17 與 𐵉 𐵊 𐵋 yjir 1.86 等,爲了讀者便于對比研究,特此將擬音、聲調一并注上,供讀者參考。聲調後的數字,即該字在本字典中的順序號,例如 𐵉 yjir 1.86 0230 即可在 0230 號查出該字的詳細讀音、英譯、漢義、詞性、例證等。

(二)本索引以西夏字第一筆的點(丶)、橫(一)、豎(丨)、撇(丿)四筆爲序,按筆畫多少編排,部首分類亦然。

(三)有的部首差別甚微,很難分辨。例如 𐵌 與 𐵍、𐵎 與 𐵏、𐵐 與 𐵑 等,爲了使讀者檢索方便,我們把它歸爲一類,不再區分。

(四)檢字分兩步驟:第一步按筆畫部首查出該字部首的頁碼,然後按筆畫查你所查的字。例如 𐵒 字,先查部首 𐵑,知 𐵑 在四畫撇部,第 38 頁,12 畫,即可查出 𐵒 的編號爲 3119。再查 3119,即可查出。

(五)部首的派生字,不列爲新部首,派生部分用 □ 表示,例如 𐵓 的派生字 𐵔,則用 𐵔□ 表示,不再把 𐵔 作爲新部首。派生字列在該部首之後。𐵔 在 𐵓 部即可查出。

(一) 筆畫部首

筆 畫	部 首			
	、 點	一 橫	丨 豎	丿 撇
一 畫		一 1 7 1	丨 1	丿 3 4 3
二 畫	𠄎 4 7 4	二 5 二 5 𠄎 6 𠄎 6 𠄎 7	丨 7 丨 9 丨 9	𠄎 9 丨 11

Figure 10a. Radicals from Lǐ Fànwén 1997, p. 1088.

三 畫	𠂇 11 𠂇 11 𠂇 12 𠂇 15 𠂇 15	𠂇 16 𠂇 16 𠂇 16 𠂇 16 𠂇 17 𠂇 17 𠂇 17 𠂇 17 𠂇 17 𠂇 18 𠂇 19 𠂇 19 𠂇 19 𠂇 20 𠂇 20 𠂇 20 𠂇 20	𠂇 20 𠂇 20 𠂇 20 𠂇 21	𠂇 18 𠂇 21 𠂇 21 𠂇 21 𠂇 21 𠂇 22 𠂇 22
四 畫	𠂇 22 𠂇 22 𠂇 22 𠂇 22 𠂇 23 𠂇 23 𠂇 24 𠂇 24 𠂇 24 𠂇 24 𠂇 24 𠂇 25	𠂇 25 𠂇 26 𠂇 26 𠂇 26 𠂇 26 𠂇 27 𠂇 27 𠂇 27 𠂇 27 𠂇 27 𠂇 28 𠂇 28 𠂇 29 𠂇 29 𠂇 29 𠂇 29 𠂇 31 𠂇 31 𠂇 32 𠂇 32 𠂇 33 𠂇 33	𠂇 37 𠂇 37 𠂇 37 𠂇 37 𠂇 37	𠂇 37 𠂇 37 𠂇 37 𠂇 37 𠂇 38 𠂇 38 𠂇 38 𠂇 38 𠂇 44 𠂇 44 𠂇 45 𠂇 45
五 畫	𠂇 45 𠂇 45 𠂇 46 𠂇 46 𠂇 46 𠂇 46 𠂇 46 𠂇 46 𠂇 46 𠂇 46 𠂇 46 𠂇 47 𠂇 47 𠂇 47 𠂇 47 𠂇 47 𠂇 47 𠂇 48 𠂇 48 𠂇 49 𠂇 49	𠂇 49 𠂇 49 𠂇 49 𠂇 49 𠂇 49 𠂇 49 𠂇 49 𠂇 50 𠂇 50 𠂇 50 𠂇 50 𠂇 50 𠂇 50 𠂇 50 𠂇 50 𠂇 51 𠂇 51 𠂇 51 𠂇 51 𠂇 51 𠂇 51 𠂇 51 𠂇 51 𠂇 51 𠂇 51 𠂇 51 𠂇 51 𠂇 52 𠂇 52 𠂇 52 𠂇 52 𠂇 52 𠂇 52 𠂇 53 𠂇 53 𠂇 53 𠂇 53 𠂇 53 𠂇 53 𠂇 53 𠂇 53 𠂇 53 𠂇 54	𠂇 55 𠂇 55 𠂇 55 𠂇 55 𠂇 55 𠂇 55	𠂇 55 𠂇 57 𠂇 58 𠂇 58 𠂇 58 𠂇 59 𠂇 59 𠂇 59 𠂇 59 𠂇 59 𠂇 59 𠂇 59
六 畫	𠂇 60 𠂇 60 𠂇 60 𠂇 60 𠂇 60 𠂇 61 𠂇 61 𠂇 61 𠂇 61 𠂇 61 𠂇 61 𠂇 61 𠂇 61 𠂇 61 𠂇 63 𠂇 64 𠂇 64 𠂇 64 𠂇 64 𠂇 65 𠂇 65	𠂇 65 𠂇 65 𠂇 65 𠂇 65 𠂇 65 𠂇 65 𠂇 65 𠂇 65 𠂇 65 𠂇 65 𠂇 65 𠂇 65 𠂇 66 𠂇 66 𠂇 66 𠂇 66 𠂇 66 𠂇 66 𠂇 66 𠂇 66 𠂇 67 𠂇 67 𠂇 67 𠂇 67 𠂇 67 𠂇 67 𠂇 67 𠂇 67	𠂇 67 𠂇 67 𠂇 67 𠂇 67 𠂇 67	𠂇 67 𠂇 68 𠂇 68 𠂇 68 𠂇 68 𠂇 68 𠂇 68 𠂇 68 𠂇 68 𠂇 68

Figure 10b. Radicals from Lǐ Fàn wén 1997, p. 1089.

(1)为了大家阅读方便,我们在正字表之前列出了检字部首,《正字表一》共 474 部。为了检索便利,凡是难于分辨其部首的字,我们均以其左部或上、下部为检索的部首,故部首偏多。部首次序按部首笔画数目多少排列,同画数的,按起笔(即书写时的第一笔)横(一)、竖(丨)、撇(丿)、点(丶)、折(乚)的顺序排列。同一部首的字,除去部首外,按剩余部分的笔画数多少排列,同画数的,仍按起笔横(一)、竖(丨)、撇(丿)、点(丶)、折(乚)的顺序排列。

由于西夏字笔画较多,难于检索,故我们仿照汉字的检索方法,拟定了西夏字的主、附笔形。主笔形先于附笔形,附笔形较多的,亦有先后顺序。主、附笔形及其先后顺序(“一→”箭头前为主笔形,后为附笔形,多种附笔形的,其在主笔形之后的排列顺序即其检字时的先后顺序笔形):

- 横(一)一→一(丰)
- 竖(丨)一→丨、丨(𠄎、𠄎、𠄎等中的竖笔)
- 撇(丿)一→丿、丿(𠄎、𠄎等中的撇笔)
- 点(丶)一→丶(𠄎、𠄎等中的点笔)
- 折(乚)一→横折フ(𠄎)、𠄎(𠄎)、𠄎(𠄎)、𠄎(𠄎)、𠄎(𠄎)
- 竖折乚(𠄎)、乚(𠄎)、𠄎(𠄎)
- 撇折𠄎(𠄎)

(2)正字表各字先后的排列顺序以字种为纲,别体、讹体附于正字之后。

(3)有成字作偏旁者,成字入该部(查找成字偏旁时,不论上、下,以笔画少者为准)。

(4)部首之后的数码,指该部首字在正字表中第一个字种的编号。

部首索引目录

一画(04)	𠄎	0553	巾	0862	𠄎	1383	𠄎	1994	𠄎	2708
一	𠄎	0566	𠄎	0867	𠄎	1404	𠄎	1999	𠄎	2710
丨	𠄎	0567	𠄎	0868	𠄎	1411	𠄎	2001	𠄎	2715
丿	三画(32)		𠄎	0878	𠄎	1422	𠄎	2004	𠄎	2716
丶	𠄎	0734	𠄎	0880	四画(62)		𠄎	2008	𠄎	2725
乚	𠄎	0739	𠄎	0925	𠄎	1423	𠄎	2037	𠄎	2753
二画(13)	𠄎	0784	𠄎	0932	𠄎	1427	𠄎	2038	𠄎	2756
二	𠄎	0785	𠄎	0949	𠄎	1480	𠄎	2597	𠄎	2809
厂	𠄎	0786	𠄎	0951	𠄎	1481	𠄎	2623	𠄎	2844
川	𠄎	0789	𠄎	0961	𠄎	1489	𠄎	2629	𠄎	2847
冂	𠄎	0791	𠄎	1225	𠄎	1503	𠄎	2631	𠄎	2850
几	𠄎	0801	𠄎	1230	𠄎	1835	𠄎	2645	𠄎	2856
亅	𠄎	0814	𠄎	1237	𠄎	1851	𠄎	2647	𠄎	2883
亠	𠄎	0834	𠄎	1279	𠄎	1869	𠄎	2659	𠄎	2892
ソ	𠄎	0847	𠄎	1363	𠄎	1957	𠄎	2678	𠄎	2894
ㄣ	𠄎	0861	𠄎	1367	𠄎	1992	𠄎	2679	𠄎	2895
𠄎										

Figure 11a. Strokes and radicals from Hán Xiǎománg 2004, p. 11.

儿	2918	丕	3417	芥	4063	辛	4364	苙	4544	𦍋	4984
又	2919	丕	3419	𦍋	4085	𦍋	4365	𦍋	4551	𦍋	4988
三	2921	𦍋	3422	𦍋	4089	𦍋	4370	𦍋	4558	𦍋	4990
𦍋	2923	𦍋	3441	𦍋	4093	𦍋	4374	𦍋	4589	𦍋	5009
𦍋	2929	𦍋	3453	𦍋	4094	𦍋	4379	𦍋	4597	七画(71)	
𦍋	2951	𦍋	3455	𦍋	4119	𦍋	4380	𦍋	4633	𦍋	5012
𦍋	3062	𦍋	3470	𦍋	4126	𦍋	4383	𦍋	4634	𦍋	5013
𦍋	3063	𦍋	3493	𦍋	4129	𦍋	4385	𦍋	4639	𦍋	5015
𦍋	3067	𦍋	3494	𦍋	4138	𦍋	4388	𦍋	4640	𦍋	5016
𦍋	3073	𦍋	3495	𦍋	4145	𦍋	4393	𦍋	4650	𦍋	5017
𦍋	3081	𦍋	3497	𦍋	4146	𦍋	4400	𦍋	4658	𦍋	5031
𦍋	3083	𦍋	3504	𦍋	4211	𦍋	4404	𦍋	4674	𦍋	5045
𦍋	3106	𦍋	3602	𦍋	4222	𦍋	4407	𦍋	4687	𦍋	5046
𦍋	3108	𦍋	3609	𦍋	4224	𦍋	4412	𦍋	4858	𦍋	5049
𦍋	3119	𦍋	3651	𦍋	4231	𦍋	4414	𦍋	4873	𦍋	5051
𦍋	3130	𦍋	3736	𦍋	4235	𦍋	4416	𦍋	4875	𦍋	5070
𦍋	3132	𦍋	3739	𦍋	4240	𦍋	4434	𦍋	4876	𦍋	5072
𦍋	3135	𦍋	3855	𦍋	4241	𦍋	4436	𦍋	4886	𦍋	5073
𦍋	3156	𦍋	3858	𦍋	4289	𦍋	4441	𦍋	4888	𦍋	5076
五画(84)		𦍋	3881	𦍋	4291	𦍋	4442	𦍋	4891	𦍋	5081
𦍋	3167	𦍋	3890	𦍋	4296	𦍋	4446	𦍋	4892	𦍋	5082
𦍋	3234	𦍋	3893	𦍋	4299	𦍋	4447	𦍋	4893	𦍋	5119
𦍋	3239	𦍋	3914	𦍋	4300	𦍋	4458	𦍋	4900	𦍋	5131
𦍋	3240	𦍋	3925	𦍋	4302	𦍋	4459	𦍋	4911	𦍋	5133
𦍋	3241	𦍋	3957	𦍋	4305	𦍋	4460	𦍋	4915	𦍋	5134
𦍋	3276	𦍋	3958	𦍋	4307	𦍋	4469	𦍋	4916	𦍋	5137
𦍋	3278	𦍋	3966	𦍋	4310	𦍋	4470	𦍋	4917	𦍋	5138
𦍋	3281	𦍋	3970	𦍋	4316	𦍋	4477	𦍋	4918	𦍋	5143
𦍋	3303	𦍋	3974	𦍋	4321	𦍋	4485	𦍋	4946	𦍋	5144
𦍋	3335	𦍋	3975	𦍋	4330	𦍋	4486	𦍋	4947	𦍋	5146
𦍋	3343	𦍋	3979	𦍋	4344	𦍋	4498	𦍋	4955	𦍋	5156
𦍋	3347	𦍋	3990	𦍋	4345	𦍋	4503	𦍋	4966	𦍋	5157
𦍋	3354	𦍋	3992	六画(79)		𦍋	4504	𦍋	4969	𦍋	5159
𦍋	3364	𦍋	4030	𦍋	4348	𦍋	4509	𦍋	4971	𦍋	5161
𦍋	3403	𦍋	4031	𦍋	4353	𦍋	4510	𦍋	4979	𦍋	5170
𦍋	3416	𦍋	4059	𦍋	4360	𦍋	4517	𦍋	4983	𦍋	5171

Figure 11b. Radicals from Hán Xiǎománg 2004, p. 12.

𦍋	5175	鼎	5325	𦍋	5492	𦍋	5553	益	5661	𦍋	5733
𦍋	5176	𦍋	5333	青	5493	𦍋	5557	𦍋	5663	𦍋	5734
𦍋	5177	𦍋	5342	𦍋	5496	𦍋	5558	𦍋	5665	𦍋	5735
𦍋	5178	𦍋	5351	𦍋	5498	𦍋	5561	𦍋	5667	十一画(12)	
𦍋	5179	𦍋	5416	𦍋	5503	𦍋	5571	𦍋	5670	𦍋	5738
𦍋	5193	𦍋	5419	𦍋	5506	𦍋	5572	𦍋	5671	𦍋	5742
𦍋	5196	𦍋	5420	𦍋	5507	𦍋	5574	𦍋	5674	𦍋	5745
𦍋	5198	𦍋	5422	𦍋	5509	𦍋	5576	𦍋	5676	𦍋	5747
𦍋	5206	𦍋	5428	𦍋	5510	九画(32)		𦍋	5679	𦍋	5749
𦍋	5212	𦍋	5439	𦍋	5511	𦍋	5581	𦍋	5681	𦍋	5752
𦍋	5213	八画(56)		𦍋	5512	𦍋	5582	𦍋	5684	𦍋	5753
𦍋	5216	𦍋	5441	𦍋	5514	𦍋	5583	𦍋	5688	𦍋	5755
𦍋	5217	𦍋	5445	𦍋	5516	𦍋	5585	十画(19)		𦍋	5757
𦍋	5218	𦍋	5450	𦍋	5517	𦍋	5587	𦍋	5689	𦍋	5758
𦍋	5219	𦍋	5451	𦍋	5519	𦍋	5590	𦍋	5692	𦍋	5761
𦍋	5221	𦍋	5453	𦍋	5520	𦍋	5599	𦍋	5693	𦍋	5763
𦍋	5270	𦍋	5454	𦍋	5522	𦍋	5606	𦍋	5694	十二画(06)	
𦍋	5282	𦍋	5457	𦍋	5524	𦍋	5627	𦍋	5695	𦍋	5764
𦍋	5288	𦍋	5458	𦍋	5525	𦍋	5628	𦍋	5696	𦍋	5766
𦍋	5289	𦍋	5459	𦍋	5526	𦍋	5632	𦍋	5702	𦍋	5768
𦍋	5291	𦍋	5462	𦍋	5529	𦍋	5636	𦍋	5705	𦍋	5771
𦍋	5293	𦍋	5463	𦍋	5531	𦍋	5639	𦍋	5708	𦍋	5773
𦍋	5294	𦍋	5465	𦍋	5532	𦍋	5640	𦍋	5711	𦍋	5776
𦍋	5302	𦍋	5467	𦍋	5534	𦍋	5641	𦍋	5713	十三画(03)	
𦍋	5303	𦍋	5468	𦍋	5541	𦍋	5648	𦍋	5719	𦍋	5778
𦍋	5304	𦍋	5470	𦍋	5544	𦍋	5650	𦍋	5720	𦍋	5780
𦍋	5308	𦍋	5471	𦍋	5546	𦍋	5652	𦍋	5727	𦍋	5781
𦍋	5311	𦍋	5472	𦍋	5547	𦍋	5659	𦍋	5729	十六画(01)	
𦍋	5314	𦍋	5489	𦍋	5549	𦍋	5660	𦍋	5731	𦍋	5782
𦍋	5319	𦍋	5490								

Figure 11c. Radicals from Hán Xiǎománg 2004, p. 13.

указателя классификаторов



































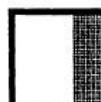


































			
A	B008	B026	B044
			
A001	B009	B027	B045
			
A002	B010	B028	B046
			
A003	B011	B029	B047
			
A004	B012	B030	B048
			
A005	B013	B031	B049
			
A006	B014	B032	B050
			
	B015	B033	B051
			
	B016	B034	B052
			
B	B017	B035	B053
			
	B018	B036	B054
			
B001	B019	B037	B055
			
B002	B020	B038	B056
			
B003	B021	B039	B057
			
B004	B022	B040	B058
			
B005	B023	B041	B059
			
B006	B024	B042	B060
			
B007	B025	B043	B061

Figure 12a. Radicals from Kyčanov 2006, p. 2.

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







 B062	 B080	 B098	 B116
 B063	 B081	 B099	 B117
 B064	 B082	 B100	 B118
 B065	 B083	 B101	 B119
 B066	 B084	 B102	 B120
 B067	 B085	 B103	 B121
 B068	 B086	 B104	 B122
 B069	 B087	 B105	 B123
 B070	 B088	 B106	 B124
 B071	 B089	 B107	 B125
 B072	 B090	 B108	 B126
 B073	 B091	 B109	 B127
 B074	 B092	 B110	 B128
 B075	 B093	 B111	 B129
 B076	 B094	 B112	 B130
 B077	 B095	 B113	 B131
 B078	 B096	 B114	 B132
 B079	 B097	 B115	 B133

Figure 12b. Radicals from Kyčanov 2006, p. 3.

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







































 B134	 B152	 B170	 B188
 B135	 B153	 B171	 B189
 B136	 B154	 B172	 B190
 B137	 B155	 B173	 B191
 B138	 B156	 B174	 B192
 B139	 B157	 B175	 B193
 B140	 B158	 B176	 B194
 B141	 B159	 B177	 B195
 B142	 B160	 B178	 B196
 B143	 B161	 B179	 B197
 B144	 B162	 B180	 B198
 B145	 B163	 B181	 B199
 B146	 B164	 B182	 B200
 B147	 B165	 B183	 B201
 B148	 B166	 B184	 B202
 B149	 B167	 B185	 B203
 B150	 B168	 B186	 B204
 B151	 B169	 B187	 B205

Figure 12c. Radicals from Kyčanov 2006, p. 4.

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











































 B206	 B224	 B242	 B260
 B207	 B225	 B243	 B261
 B208	 B226	 B244	 B262
 B209	 B227	 B245	 B263
 B210	 B228	 B246	 B264
 B211	 B229	 B247	 B265
 B212	 B230	 B248	 B266
 B213	 B231	 B249	 B267
 B214	 B232	 B250	 B268
 B215	 B233	 B251	 B269
 B216	 B234	 B252	 B270
 B217	 B235	 B253	 B271
 B218	 B236	 B254	 B272
 B219	 B237	 B255	 B273
 B220	 B238	 B256	 B274
 B221	 B239	 B257	 B275
 B222	 B240	 B258	 B276
 B223	 B241	 B259	 B277

Figure 12d. Radicals from Kyčanov 2006, p. 5.

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

























































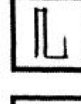



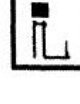
	B278		B296		B314		B332
	B279		B297		B315		B333
	B280		B298		B316		B334
	B281		B299		B317		B335
	B282		B300		B318		B336
	B283		B301		B319		B337
	B284		B302		B320		B338
	B285		B303		B321		B339
	B286		B304		B322		B340
	B287		B305		B323		B341
	B288		B306		B324		B342
	B289		B307		B325		B343
	B290		B308		B326		B344
	B291		B309		B327		B345
	B292		B310		B328		
	B293		B311		B329		C
	B294		B312		B330		C001
	B295		B313		B331		C002

Figure 12e. Radicals from Kyčanov 2006, p. 6.

указателя классификаторов


























 C003	 C021
 C004	 C022
 C005	 C023
 C006	 C024
 C007	
 C008	 D
 C009	 D001
 C010	 D002
 C011	
 C012	
 C013	
 C014	
 C015	
 C016	
 C017	
 C018	
 C019	
 C020	

Figure 12f. Radicals from Kyčanov 2006, p. 7.

甲 筆形和代號：

筆名	號碼	筆形	字例	說明	
單筆	橫	1	一 ㄣ ㄣ	𠄎 𠄎 𠄎 𠄎	橫和橫上下鈎
	垂	2	丨 丿 丿	𠄎 𠄎 𠄎 𠄎	直和撇
	點	3	丶 丶	𠄎 𠄎 𠄎 𠄎	點和捺
復筆	叉	4	× 十 十	𠄎 𠄎 𠄎 𠄎	兩筆交叉和橫穿一筆
	𠄎	5	十 十 十	𠄎 𠄎 𠄎 𠄎	一筆橫穿三筆, 直穿二至三筆
	𠄎	6	十 十 十	𠄎 𠄎	一筆橫、直穿四筆
	角	7	𠄎 𠄎 𠄎	𠄎 𠄎 𠄎 𠄎	一筆轉折和兩筆相接而成的角
	八	8	ㄨ ㄨ	𠄎 𠄎 𠄎 𠄎	類似漢字八和八的變形
	小	9	ㄨ ㄨ ㄨ	𠄎 𠄎 𠄎 𠄎	類似漢字小和小的變形

Figure 13. Strokes from Lǐ Fànwén 1997.

A. Administrative

1. Title

Proposal to encode Tangut Radicals and CJK Strokes in the UCS

2. Requester's name

Michael Everson and Andrew West

3. Requester type (Member body/Liaison/Individual contribution)

Individual contribution.

4. Submission date

2008-09-01

5. Requester's reference (if applicable)

6. Choose one of the following:

6a. This is a complete proposal

No.

6b. More information will be provided later

Yes.

B. Technical – General

1. Choose one of the following:

1a. This proposal is for a new script (set of characters)

Yes.

1b. Proposed name of script

Tangut Radicals.

1c. The proposal is for addition of character(s) to an existing block

1d. Name of the existing block

2. Number of characters in proposal

806 (802 + 4).

3. Proposed category (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; G-Obscure or questionable usage symbols)

Category F.

4a. Is a repertoire including character names provided?

Yes.

4b. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?

Yes.

4c. Are the character shapes attached in a legible form suitable for review?

Yes.

5a. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard?

Michael Everson.

5b. If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used:

Michael Everson, Fontographer.

6a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?

Yes.

6b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?

Yes.

7. 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. 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/Public/UNIDATA/UnicodeCharacterDatabase.html> and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

See above.

C. Technical – Justification

1. Has this proposal for addition of character(s) been submitted before? If YES, explain.

No.

2a. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?

Yes.

2b. If YES, with whom?

Guillaume Jacques, Marc Miyake, Viacheslav Zaytsev

2c. 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?

Scholars.

4a. The context of use for the proposed characters (type of use; common or rare)

Rare.

4b. Reference

5a. Are the proposed characters in current use by the user community?

Yes.

5b. If YES, where?

In scholarly publications.

6a. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP?

No.

6b. If YES, is a rationale provided?

6c. If YES, reference

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

Yes.

8a. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?

No, since they are Radicals any similarities are to be expected.

8b. If YES, is a rationale for its inclusion provided?

8c. If YES, reference

9a. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?

No.

9b. If YES, is a rationale for its inclusion provided?

9c. If YES, reference

10a. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character?

Yes.

10b. If YES, is a rationale for its inclusion provided?

Yes.

10c. If YES, reference

Radicals are normally disunified from the base characters.

11a. Does the proposal include use of combining characters and/or use of composite sequences (see clauses 4.12 and 4.14 in ISO/IEC 10646-1: 2000)?

No.

11b. If YES, is a rationale for such use provided?

11c. If YES, reference

11d. Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?

No.

11e. If YES, reference

12a. Does the proposal contain characters with any special properties such as control function or similar semantics?

No.

12b. If YES, describe in detail (include attachment if necessary)

13a. Does the proposal contain any Ideographic compatibility character(s)?

No.

13b. If YES, is the equivalent corresponding unified ideographic character(s) identified?