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Title
Final proposal to encode the Khitan Small Script in the SMP of the UCS

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

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Title: **Final proposal to encode the Khitan Small Script in the SMP of the UCS**
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Authors: **Sun Bojun, Wu Yingzhe, Jing Yongshi, Jiruhe, Viacheslav Zaytsev, Andrew West, and Michael Everson**
Status: **Liaison Contribution**
Action: **For consideration by JTC1/SC2/WG2 and UTC**
Date: **2016-09-17**

1. Summary. This document is a proposal to encode the Khitan Small Script (*Qìdān xiǎozì* 契丹小字), based on a number of earlier documents, and two ad-hoc reports which considered the documents at meetings associated with the International Symposium on the Digitization of Northern Nationalities' Characters and the Study of Tangut Literature, hosted by the Beifang University of Nationalities in Yínchuān in August 2016. The relevant documents are:

N3820. Sun Bojun, Jing Yongshi, and Li Yang. *Preliminary Proposal for Encoding Khitan Characters in UCS*. ISO/IEC JTC1/SC2/WG2/N3820 (L2-10/130). 2010-04-15. http://www.unicode.org/L2/L2010/10130-n3820.pdf

N3918. Sun Bo-jun, Jing Yongshi, and Liyang. *Proposal of Encode the Khitan Characters to UCS plane*. ISO/IEC JTC1/SC2/WG2/N3918 (L2-10/369). 2010-10-14. http://www.unicode.org/L2/L2010/10369-n3918.pdf

N4725R. Andrew West, Viacheslav Zaytsev, Michael Everson. JTC1/SC2/WG2 N4725R (L2-16/113R). 2016-05-21. *Towards an Encoding of the Khitan Small Script*. http://www.unicode.org/L2/L2016/16113r-n4725r-khitan-small-script.pdf

N4736. Deborah Anderson. JTC1/SC2/WG2 N4736 (L2-16/243). 2016-08-22. *Summary of Meeting on Khitan Scripts (Yinchuan, China) - Ad Hoc Report #1*. http://unicode.org/L2/L2016/16243-khitan-meeting-1.pdf

N4737. Deborah Anderson. JTC1/SC2/WG2 N4737 (L2-16/244). 2016-08-22. *Summary of Meeting on Khitan Scripts (Yinchuan, China) - Ad Hoc Report #2*. http://unicode.org/L2/L2016/16244-khitan-meeting-2.pdf

2. Issues. The outstanding issues for Khitan Small Script are unrelated to the character repertoire and character names which will be ballotted when the script is accepted for encoding, and should not delay the placement of the repertoire on the next available ballot. Relevant issues are discussed below.

2.1. Rendering. The encoding model presented in Tables 1, 2, and 3, and §4 of N4725R was accepted at the meetings in Yínchuān. Advice is sought from UTC experts in implemention with regard to the position of the two control characters, 16FE2 KHITAN SMALL SCRIPT SINGLE CLUSTER INITIAL and 16FE3 KHITAN SMALL SCRIPT DOUBLE CLUSTER INITIAL. In N4725R it was suggested that these appear at the beginning a Khitan Small Script cluster. The questions:

- Are there any potential problems that might arise with such invisible controls in initial position where they might be preceded by nothing, or by spaces or punctuation?

- If these characters were in *second* position in a cluster, would they interfere with searching operations? Example: 𘬀𘬁𘬂 vs 𘬁𘬀𘬂.

2.2. Repertoire.

- It has been suggested that 29 characters be reviewed for possible deletion from the repertoire. This can be discussed at an ad-hoc at the forthcoming SC2 meeting. The characters are as follows, showing the number of sources for each as given in N4725R: 𘬊 18B0A (x4), 𘬓 18B13 (x1), 𘬹 18B39 (x1), 𘭂 18B62 (x4), 𘭃 18B63 (x1), 𘭄 18B64 (x1), 𘭭 18B6D (x4), 𘮔 18B94 (x4), 𘮖 18B96 (x1), 𘮵 18BC5 (x1), 𘯒 18BD2 (x6), 𘯕 18BD5 (x5), 𘯧 18BE7 (x2), 𘯫 18BEB (x1), 𘯮 18BEE (x1), 𘯯 18BEF (x4), 𘯷 18BF7 (x1), 𘯼 18BFC (x1), 𘰉 18C09 (x5), 𘰚 18C1A (x4), 𘰤 18C24 (x2), 𘰸 18C38 (x4), 𘰾 18C3E (x4), 𘱈 18C48 (x1), 𘱜 18C5C (x5, the *qudug* 'good fortune' logogram), 𘱣 18C63 (x4), 𘱾 18C7E (x4), 𘲏 18C8F (x1), 𘲻 18C9B (x1). In the list above, the number of sources for each as given in N4725R is given. In this revised document, these have been marked in yellow in the code chart.
- It has been suggested that two characters be added to the repertoire. This can be discussed at an ad-hoc at the forthcoming SC2 meeting. The characters are: 𘳕 and 𘳖.
- It has been suggested that the glyphs for two characters be revised. Both of these, revising 18B52 𘭒 to 𘭓, and revising 18CC1 𘳁 to 𘳂, are non-controversial and have been implemented here in this proposal.

3. Unicode character properties. Character properties were proposed in N4725R, and are repeated here. It may be the case that on consideration the UTC will propose other properties, perhaps even a new one suited to the unique nature of the Khitan Small Script.

These are suggested character properties for KSS graphic characters.

```
18B00;KHITAN SMALL SCRIPT CHARACTER-18B00;Lo;0;L;;;;;N;;;;;
...
18CD7;KHITAN SMALL SCRIPT CHARACTER-18CD7;Lo;0;L;;;;;N;;;;;
18D00;KHITAN SMALL SCRIPT RADICAL-01;Lo;0;L;;;;;N;;;;;
...
18D13;KHITAN SMALL SCRIPT RADICAL-20;Lo;0;L;;;;;N;;;;;
```

These are suggested character properties for KSS format characters:

```
16FE2;KHITAN SMALL SCRIPT SINGLE CLUSTER INITIAL;Cf;0;BN;;;;;N;;;;;
16FE3;KHITAN SMALL SCRIPT DOUBLE CLUSTER INITIAL;Cf;0;BN;;;;;N;;;;;
```

As blocks of KSS characters should not break over a line, graphic characters that are in a sequence prefixed by a stacker format character should have a line break property that prohibits line breaking between adjacent characters. However, line breaking should be permitted between KSS characters that are not prefixed by a stacker format character. The practicality of this needs to be explored further.

The suggestion "line breaking should be permitted between KSS characters that are not prefixed by a stacker format character" could be incompatible with the treatment of ordinary "Letter other characters".

2.3. Code charts. The character names for Khitan Small Script are algorithmically generated, but because the character set is relatively small, we recommend that the charts be presented with explanatory headers and cross references for the convenience of users of the standard.

2.4. Character blocks. The recommended character blocks are: Khitan Small Script 18B00..18CFF, and Khitan Small Script Radicals, 18D00..18D1F.

3. Acknowledgements
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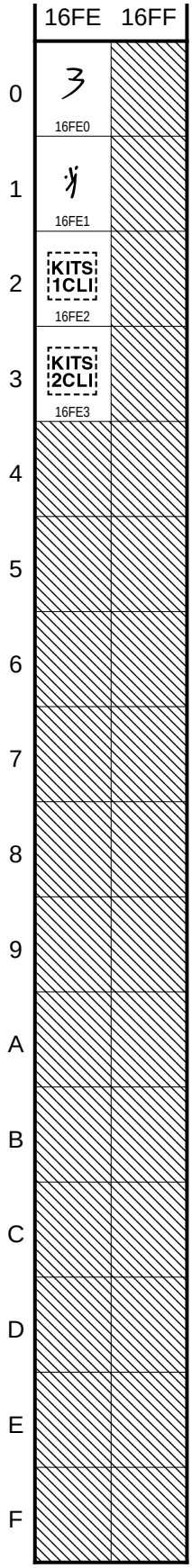


Tangut mark

16FE0 TANGUT ITERATION MARK
→ 3005 々 ideographic iteration mark

Nushu mark

16FE1 NUSHU ITERATION MARK

Khitan Small Script formatting characters

16FE2 KITS 1CLI KHITAN SMALL SCRIPT SINGLE CLUSTER INITIAL
16FE3 KITS 2CLI KHITAN SMALL SCRIPT DOUBLE CLUSTER INITIAL

	18B0	18B1	18B2	18B3	18B4	18B5	18B6	18B7	18B8	18B9	18BA	18BB	18BC	18BD	18BE
0	18B00	18B10	18B20	18B30	18B40	18B50	18B60	18B70	18B80	18B90	18BA0	18BB0	18BC0	18BD0	18BE0
1	18B01	18B11	18B21	18B31	18B41	18B51	18B61	18B71	18B81	18B91	18BA1	18BB1	18BC1	18BD1	18BE1
2	18B02	18B12	18B22	18B32	18B42	18B52	18B62	18B72	18B82	18B92	18BA2	18BB2	18BC2	18BD2	18BE2
3	18B03	18B13	18B23	18B33	18B43	18B53	18B63	18B73	18B83	18B93	18BA3	18BB3	18BC3	18BD3	18BE3
4	18B04	18B14	18B24	18B34	18B44	18B54	18B64	18B74	18B84	18B94	18BA4	18BB4	18BC4	18BD4	18BE4
5	18B05	18B15	18B25	18B35	18B45	18B55	18B65	18B75	18B85	18B95	18BA5	18BB5	18BC5	18BD5	18BE5
6	18B06	18B16	18B26	18B36	18B46	18B56	18B66	18B76	18B86	18B96	18BA6	18BB6	18BC6	18BD6	18BE6
7	18B07	18B17	18B27	18B37	18B47	18B57	18B67	18B77	18B87	18B97	18BA7	18BB7	18BC7	18BD7	18BE7
8	18B08	18B18	18B28	18B38	18B48	18B58	18B68	18B78	18B88	18B98	18BA8	18BB8	18BC8	18BD8	18BE8
9	18B09	18B19	18B29	18B39	18B49	18B59	18B69	18B79	18B89	18B99	18BA9	18BB9	18BC9	18BD9	18BE9
A	18B0A	18B1A	18B2A	18B3A	18B4A	18B5A	18B6A	18B7A	18B8A	18B9A	18BAA	18BBA	18BCA	18BDA	18BEA
B	18B0B	18B1B	18B2B	18B3B	18B4B	18B5B	18B6B	18B7B	18B8B	18B9B	18BAB	18BBB	18BCB	18BDB	18BEB
C	18B0C	18B1C	18B2C	18B3C	18B4C	18B5C	18B6C	18B7C	18B8C	18B9C	18BAC	18BBC	18BCC	18BDC	18BEC
D	18B0D	18B1D	18B2D	18B3D	18B4D	18B5D	18B6D	18B7D	18B8D	18B9D	18BAD	18BBD	18BCD	18BDD	18BED
E	18B0E	18B1E	18B2E	18B3E	18B4E	18B5E	18B6E	18B7E	18B8E	18B9E	18BAE	18BBE	18BCE	18BDE	18BEE
F	18B0F	18B1F	18B2F	18B3F	18B4F	18B5F	18B6F	18B7F	18B8F	18B9F	18BAF	18BBF	18BCF	18BDF	18BEF

18BF 18C0 18C1 18C2 18C3 18C4 18C5 18C6 18C7 18C8 18C9 18CA 18CB 18CC 18CD
0 1 2 3 4 5 6 7 8 9 A B C D E F

Radical-01

18B00 𘠀 KHITAN SMALL SCRIPT CHARACTER-18B00
→ 18D00 𘴀 khitan small script radical-01
18B01 𘠁 KHITAN SMALL SCRIPT CHARACTER-18B01
18B02 𘠂 KHITAN SMALL SCRIPT CHARACTER-18B02
18B03 𘠃 KHITAN SMALL SCRIPT CHARACTER-18B03
18B04 𘠄 KHITAN SMALL SCRIPT CHARACTER-18B04
18B05 𘠅 KHITAN SMALL SCRIPT CHARACTER-18B05
18B06 𘠆 KHITAN SMALL SCRIPT CHARACTER-18B06
18B07 𘠇 KHITAN SMALL SCRIPT CHARACTER-18B07
18B08 𘠈 KHITAN SMALL SCRIPT CHARACTER-18B08
18B09 𘠉 KHITAN SMALL SCRIPT CHARACTER-18B09
18B0A 𘠊 KHITAN SMALL SCRIPT CHARACTER-18B0A
18B0B 𘠋 KHITAN SMALL SCRIPT CHARACTER-18B0B
18B0C 𘠌 KHITAN SMALL SCRIPT CHARACTER-18B0C
18B0D 𘠍 KHITAN SMALL SCRIPT CHARACTER-18B0D
18B0E 𘠎 KHITAN SMALL SCRIPT CHARACTER-18B0E
18B0F 𘠏 KHITAN SMALL SCRIPT CHARACTER-18B0F
18B10 𘠐 KHITAN SMALL SCRIPT CHARACTER-18B10
18B11 𘠑 KHITAN SMALL SCRIPT CHARACTER-18B11
18B12 𘠒 KHITAN SMALL SCRIPT CHARACTER-18B12
18B13 𘠓 KHITAN SMALL SCRIPT CHARACTER-18B13
18B14 𘠔 KHITAN SMALL SCRIPT CHARACTER-18B14
18B15 𘠕 KHITAN SMALL SCRIPT CHARACTER-18B15
18B16 𘠖 KHITAN SMALL SCRIPT CHARACTER-18B16
18B17 𘠗 KHITAN SMALL SCRIPT CHARACTER-18B17
18B18 𘠘 KHITAN SMALL SCRIPT CHARACTER-18B18
18B19 𘠙 KHITAN SMALL SCRIPT CHARACTER-18B19
18B1A 𘠚 KHITAN SMALL SCRIPT CHARACTER-18B1A
18B1B 𘠛 KHITAN SMALL SCRIPT CHARACTER-18B1B
18B1C 𘠜 KHITAN SMALL SCRIPT CHARACTER-18B1C
18B1D 𘠝 KHITAN SMALL SCRIPT CHARACTER-18B1D
18B1E 𘠞 KHITAN SMALL SCRIPT CHARACTER-18B1E
18B1F 𘠟 KHITAN SMALL SCRIPT CHARACTER-18B1F
18B20 𘠠 KHITAN SMALL SCRIPT CHARACTER-18B20
18B21 𘠡 KHITAN SMALL SCRIPT CHARACTER-18B21
18B22 𘠢 KHITAN SMALL SCRIPT CHARACTER-18B22
18B23 𘠣 KHITAN SMALL SCRIPT CHARACTER-18B23
18B24 𘠤 KHITAN SMALL SCRIPT CHARACTER-18B24
18B25 𘠥 KHITAN SMALL SCRIPT CHARACTER-18B25
18B26 𘠦 KHITAN SMALL SCRIPT CHARACTER-18B26
18B27 𘠧 KHITAN SMALL SCRIPT CHARACTER-18B27
18B28 𘠨 KHITAN SMALL SCRIPT CHARACTER-18B28
18B29 𘠩 KHITAN SMALL SCRIPT CHARACTER-18B29
18B2A 𘠪 KHITAN SMALL SCRIPT CHARACTER-18B2A
18B2B 𘠫 KHITAN SMALL SCRIPT CHARACTER-18B2B
18B2C 𘠬 KHITAN SMALL SCRIPT CHARACTER-18B2C
18B2D 𘠭 KHITAN SMALL SCRIPT CHARACTER-18B2D
18B2E 𘠮 KHITAN SMALL SCRIPT CHARACTER-18B2E
18B2F 𘠯 KHITAN SMALL SCRIPT CHARACTER-18B2F
18B30 𘠰 KHITAN SMALL SCRIPT CHARACTER-18B30
18B31 𘠱 KHITAN SMALL SCRIPT CHARACTER-18B31
18B32 𘠲 KHITAN SMALL SCRIPT CHARACTER-18B32
18B33 𘠳 KHITAN SMALL SCRIPT CHARACTER-18B33
18B34 𘠴 KHITAN SMALL SCRIPT CHARACTER-18B34

Radical-02

18B35 𘠵 KHITAN SMALL SCRIPT CHARACTER-18B35
→ 18D01 𘴁 khitan small script radical-02
18B36 𘠶 KHITAN SMALL SCRIPT CHARACTER-18B36
18B37 𘠷 KHITAN SMALL SCRIPT CHARACTER-18B37
18B38 𘠸 KHITAN SMALL SCRIPT CHARACTER-18B38
18B39 𘠹 KHITAN SMALL SCRIPT CHARACTER-18B39
18B3A 𘠺 KHITAN SMALL SCRIPT CHARACTER-18B3A
18B3B 𘠻 KHITAN SMALL SCRIPT CHARACTER-18B3B
18B3C 𘠼 KHITAN SMALL SCRIPT CHARACTER-18B3C
18B3D 𘠽 KHITAN SMALL SCRIPT CHARACTER-18B3D
18B3E 𘠾 KHITAN SMALL SCRIPT CHARACTER-18B3E
18B3F 𘠿 KHITAN SMALL SCRIPT CHARACTER-18B3F
18B40 𘡀 KHITAN SMALL SCRIPT CHARACTER-18B40
18B41 𘡁 KHITAN SMALL SCRIPT CHARACTER-18B41
18B42 𘡂 KHITAN SMALL SCRIPT CHARACTER-18B42
18B43 𘡃 KHITAN SMALL SCRIPT CHARACTER-18B43
18B44 𘡄 KHITAN SMALL SCRIPT CHARACTER-18B44
18B45 𘡅 KHITAN SMALL SCRIPT CHARACTER-18B45
18B46 𘡆 KHITAN SMALL SCRIPT CHARACTER-18B46
18B47 𘡇 KHITAN SMALL SCRIPT CHARACTER-18B47
18B48 𘡈 KHITAN SMALL SCRIPT CHARACTER-18B48
18B49 𘡉 KHITAN SMALL SCRIPT CHARACTER-18B49
18B4A 𘡊 KHITAN SMALL SCRIPT CHARACTER-18B4A
18B4B 𘡋 KHITAN SMALL SCRIPT CHARACTER-18B4B
18B4C 𘡌 KHITAN SMALL SCRIPT CHARACTER-18B4C
18B4D 𘡍 KHITAN SMALL SCRIPT CHARACTER-18B4D
18B4E 𘡎 KHITAN SMALL SCRIPT CHARACTER-18B4E
18B4F 𘡏 KHITAN SMALL SCRIPT CHARACTER-18B4F
18B50 𘡐 KHITAN SMALL SCRIPT CHARACTER-18B50
18B51 𘡑 KHITAN SMALL SCRIPT CHARACTER-18B51
18B52 𘡒 KHITAN SMALL SCRIPT CHARACTER-18B52
18B53 𘡓 KHITAN SMALL SCRIPT CHARACTER-18B53
18B54 𘡔 KHITAN SMALL SCRIPT CHARACTER-18B54
18B55 𘡕 KHITAN SMALL SCRIPT CHARACTER-18B55
18B56 𘡖 KHITAN SMALL SCRIPT CHARACTER-18B56
18B57 𘡗 KHITAN SMALL SCRIPT CHARACTER-18B57
18B58 𘡘 KHITAN SMALL SCRIPT CHARACTER-18B58
18B59 𘡙 KHITAN SMALL SCRIPT CHARACTER-18B59
18B5A 𘡚 KHITAN SMALL SCRIPT CHARACTER-18B5A
18B5B 𘡛 KHITAN SMALL SCRIPT CHARACTER-18B5B
18B5C 𘡜 KHITAN SMALL SCRIPT CHARACTER-18B5C
18B5D 𘡝 KHITAN SMALL SCRIPT CHARACTER-18B5D
18B5E 𘡞 KHITAN SMALL SCRIPT CHARACTER-18B5E
18B5F 𘡟 KHITAN SMALL SCRIPT CHARACTER-18B5F
18B60 𘡠 KHITAN SMALL SCRIPT CHARACTER-18B60
18B61 𘡡 KHITAN SMALL SCRIPT CHARACTER-18B61
18B62 𘡢 KHITAN SMALL SCRIPT CHARACTER-18B62
18B63 𘡣 KHITAN SMALL SCRIPT CHARACTER-18B63
18B64 𘡤 KHITAN SMALL SCRIPT CHARACTER-18B64
18B65 𘡥 KHITAN SMALL SCRIPT CHARACTER-18B65
18B66 𘡦 KHITAN SMALL SCRIPT CHARACTER-18B66
18B67 𘡧 KHITAN SMALL SCRIPT CHARACTER-18B67
18B68 𘡨 KHITAN SMALL SCRIPT CHARACTER-18B68

Radical-03

18B69 𘡩 KHITAN SMALL SCRIPT CHARACTER-18B69
→ 18D02 𘴂 khitan small script radical-03
18B6A 𘡪 KHITAN SMALL SCRIPT CHARACTER-18B6A
18B6B 𘡫 KHITAN SMALL SCRIPT CHARACTER-18B6B
18B6C 𘡬 KHITAN SMALL SCRIPT CHARACTER-18B6C
18B6D 𘡭 KHITAN SMALL SCRIPT CHARACTER-18B6D
18B6E 𘡮 KHITAN SMALL SCRIPT CHARACTER-18B6E
18B6F 𘡯 KHITAN SMALL SCRIPT CHARACTER-18B6F
18B70 𘡰 KHITAN SMALL SCRIPT CHARACTER-18B70
18B71 𘡱 KHITAN SMALL SCRIPT CHARACTER-18B71
18B72 𘡲 KHITAN SMALL SCRIPT CHARACTER-18B72
18B73 𘡳 KHITAN SMALL SCRIPT CHARACTER-18B73
18B74 𘡴 KHITAN SMALL SCRIPT CHARACTER-18B74
18B75 𘡵 KHITAN SMALL SCRIPT CHARACTER-18B75
18B76 𘡶 KHITAN SMALL SCRIPT CHARACTER-18B76
18B77 𘡷 KHITAN SMALL SCRIPT CHARACTER-18B77
18B78 𘡸 KHITAN SMALL SCRIPT CHARACTER-18B78
18B79 𘡹 KHITAN SMALL SCRIPT CHARACTER-18B79
18B7A 𘡺 KHITAN SMALL SCRIPT CHARACTER-18B7A
18B7B 𘡻 KHITAN SMALL SCRIPT CHARACTER-18B7B
18B7C 𘡼 KHITAN SMALL SCRIPT CHARACTER-18B7C

18B7D KHITAN SMALL SCRIPT CHARACTER-18B7D
18B7E KHITAN SMALL SCRIPT CHARACTER-18B7E
18B7F KHITAN SMALL SCRIPT CHARACTER-18B7F
18B80 KHITAN SMALL SCRIPT CHARACTER-18B80
18B81 KHITAN SMALL SCRIPT CHARACTER-18B81
18B82 KHITAN SMALL SCRIPT CHARACTER-18B82
18B83 KHITAN SMALL SCRIPT CHARACTER-18B83
18B84 KHITAN SMALL SCRIPT CHARACTER-18B84
18B85 KHITAN SMALL SCRIPT CHARACTER-18B85
18B86 KHITAN SMALL SCRIPT CHARACTER-18B86
18B87 KHITAN SMALL SCRIPT CHARACTER-18B87
18B88 KHITAN SMALL SCRIPT CHARACTER-18B88
18B89 KHITAN SMALL SCRIPT CHARACTER-18B89
18B8A KHITAN SMALL SCRIPT CHARACTER-18B8A
18B8B KHITAN SMALL SCRIPT CHARACTER-18B8B
18B8C KHITAN SMALL SCRIPT CHARACTER-18B8C
18B8D KHITAN SMALL SCRIPT CHARACTER-18B8D
18B8E KHITAN SMALL SCRIPT CHARACTER-18B8E
18B8F KHITAN SMALL SCRIPT CHARACTER-18B8F
18B90 KHITAN SMALL SCRIPT CHARACTER-18B90
18B91 KHITAN SMALL SCRIPT CHARACTER-18B91
18B92 KHITAN SMALL SCRIPT CHARACTER-18B92

Radical-04

18B93 KHITAN SMALL SCRIPT CHARACTER-18B93
→ 18D03 khitan small script radical-04
18B94 KHITAN SMALL SCRIPT CHARACTER-18B94
18B95 KHITAN SMALL SCRIPT CHARACTER-18B95
18B96 KHITAN SMALL SCRIPT CHARACTER-18B96
18B97 KHITAN SMALL SCRIPT CHARACTER-18B97
18B98 KHITAN SMALL SCRIPT CHARACTER-18B98
18B99 KHITAN SMALL SCRIPT CHARACTER-18B99
18B9A KHITAN SMALL SCRIPT CHARACTER-18B9A
18B9B KHITAN SMALL SCRIPT CHARACTER-18B9B
18B9C KHITAN SMALL SCRIPT CHARACTER-18B9C
18B9D KHITAN SMALL SCRIPT CHARACTER-18B9D
18B9E KHITAN SMALL SCRIPT CHARACTER-18B9E
18B9F KHITAN SMALL SCRIPT CHARACTER-18B9F
18BA0 KHITAN SMALL SCRIPT CHARACTER-18BA0
18BA1 KHITAN SMALL SCRIPT CHARACTER-18BA1
18BA2 KHITAN SMALL SCRIPT CHARACTER-18BA2
18BA3 KHITAN SMALL SCRIPT CHARACTER-18BA3
18BA4 KHITAN SMALL SCRIPT CHARACTER-18BA4
18BA5 KHITAN SMALL SCRIPT CHARACTER-18BA5
18BA6 KHITAN SMALL SCRIPT CHARACTER-18BA6
18BA7 KHITAN SMALL SCRIPT CHARACTER-18BA7
18BA8 KHITAN SMALL SCRIPT CHARACTER-18BA8
18BA9 KHITAN SMALL SCRIPT CHARACTER-18BA9
18BAA KHITAN SMALL SCRIPT CHARACTER-18BAA
18BAB KHITAN SMALL SCRIPT CHARACTER-18BAB
18BAC KHITAN SMALL SCRIPT CHARACTER-18BAC

Radical-05

18BAD KHITAN SMALL SCRIPT CHARACTER-18BAD
→ 18D04 khitan small script radical-05
18BAE KHITAN SMALL SCRIPT CHARACTER-18BAE
18BAF KHITAN SMALL SCRIPT CHARACTER-18BAF
18BB0 KHITAN SMALL SCRIPT CHARACTER-18BB0
18BB1 KHITAN SMALL SCRIPT CHARACTER-18BB1
18BB2 KHITAN SMALL SCRIPT CHARACTER-18BB2
18BB3 KHITAN SMALL SCRIPT CHARACTER-18BB3
18BB4 KHITAN SMALL SCRIPT CHARACTER-18BB4
18BB5 KHITAN SMALL SCRIPT CHARACTER-18BB5
18BB6 KHITAN SMALL SCRIPT CHARACTER-18BB6
18BB7 KHITAN SMALL SCRIPT CHARACTER-18BB7
18BB8 KHITAN SMALL SCRIPT CHARACTER-18BB8
18BB9 KHITAN SMALL SCRIPT CHARACTER-18BB9
18BBA KHITAN SMALL SCRIPT CHARACTER-18BBA
18BBB KHITAN SMALL SCRIPT CHARACTER-18BBB
18BBC KHITAN SMALL SCRIPT CHARACTER-18BBC
18BBD KHITAN SMALL SCRIPT CHARACTER-18BBD
18BBE KHITAN SMALL SCRIPT CHARACTER-18BBE
18BBF KHITAN SMALL SCRIPT CHARACTER-18BBF
18BC0 KHITAN SMALL SCRIPT CHARACTER-18BC0
18BC1 KHITAN SMALL SCRIPT CHARACTER-18BC1
18BC2 KHITAN SMALL SCRIPT CHARACTER-18BC2
18BC3 KHITAN SMALL SCRIPT CHARACTER-18BC3
18BC4 KHITAN SMALL SCRIPT CHARACTER-18BC4
18BC5 KHITAN SMALL SCRIPT CHARACTER-18BC5
18BC6 KHITAN SMALL SCRIPT CHARACTER-18BC6
18BC7 KHITAN SMALL SCRIPT CHARACTER-18BC7
18BC8 KHITAN SMALL SCRIPT CHARACTER-18BC8
18BC9 KHITAN SMALL SCRIPT CHARACTER-18BC9
18BCA KHITAN SMALL SCRIPT CHARACTER-18BCA
18BCB KHITAN SMALL SCRIPT CHARACTER-18BCB
18BCC KHITAN SMALL SCRIPT CHARACTER-18BCC
18BCD KHITAN SMALL SCRIPT CHARACTER-18BCD
18BCE KHITAN SMALL SCRIPT CHARACTER-18BCE
18BCF KHITAN SMALL SCRIPT CHARACTER-18BCF
18BD0 KHITAN SMALL SCRIPT CHARACTER-18BD0
18BD1 KHITAN SMALL SCRIPT CHARACTER-18BD1

Radical-06

18BD2 KHITAN SMALL SCRIPT CHARACTER-18BD2
→ 18D05 khitan small script radical-06
18BD3 KHITAN SMALL SCRIPT CHARACTER-18BD3
18BD4 KHITAN SMALL SCRIPT CHARACTER-18BD4
18BD5 KHITAN SMALL SCRIPT CHARACTER-18BD5
18BD6 KHITAN SMALL SCRIPT CHARACTER-18BD6
18BD7 KHITAN SMALL SCRIPT CHARACTER-18BD7
18BD8 KHITAN SMALL SCRIPT CHARACTER-18BD8
18BD9 KHITAN SMALL SCRIPT CHARACTER-18BD9
18BDA KHITAN SMALL SCRIPT CHARACTER-18BDA
18BDB KHITAN SMALL SCRIPT CHARACTER-18BDB
18BDC KHITAN SMALL SCRIPT CHARACTER-18BDC
18BDD KHITAN SMALL SCRIPT CHARACTER-18BDD
18BDE KHITAN SMALL SCRIPT CHARACTER-18BDE
18BDF KHITAN SMALL SCRIPT CHARACTER-18BDF
18BE0 KHITAN SMALL SCRIPT CHARACTER-18BE0
18BE1 KHITAN SMALL SCRIPT CHARACTER-18BE1
18BE2 KHITAN SMALL SCRIPT CHARACTER-18BE2
18BE3 KHITAN SMALL SCRIPT CHARACTER-18BE3
18BE4 KHITAN SMALL SCRIPT CHARACTER-18BE4
18BE5 KHITAN SMALL SCRIPT CHARACTER-18BE5
18BE6 KHITAN SMALL SCRIPT CHARACTER-18BE6
18BE7 KHITAN SMALL SCRIPT CHARACTER-18BE7
18BE8 KHITAN SMALL SCRIPT CHARACTER-18BE8
18BE9 KHITAN SMALL SCRIPT CHARACTER-18BE9
18BEA KHITAN SMALL SCRIPT CHARACTER-18BEA
18BEB KHITAN SMALL SCRIPT CHARACTER-18BEB
18BEC KHITAN SMALL SCRIPT CHARACTER-18BEC
18BED KHITAN SMALL SCRIPT CHARACTER-18BED
18BEE KHITAN SMALL SCRIPT CHARACTER-18BEE
18BEF KHITAN SMALL SCRIPT CHARACTER-18BEF
18BF0 KHITAN SMALL SCRIPT CHARACTER-18BF0
18BF1 KHITAN SMALL SCRIPT CHARACTER-18BF1
18BF2 KHITAN SMALL SCRIPT CHARACTER-18BF2
18BF3 KHITAN SMALL SCRIPT CHARACTER-18BF3
18BF4 KHITAN SMALL SCRIPT CHARACTER-18BF4
18BF5 KHITAN SMALL SCRIPT CHARACTER-18BF5
18BF6 KHITAN SMALL SCRIPT CHARACTER-18BF6
18BF7 KHITAN SMALL SCRIPT CHARACTER-18BF7
18BF8 KHITAN SMALL SCRIPT CHARACTER-18BF8
18BF9 KHITAN SMALL SCRIPT CHARACTER-18BF9

18BFA KHITAN SMALL SCRIPT CHARACTER-18BFA
18BFB KHITAN SMALL SCRIPT CHARACTER-18BFB
18BFC KHITAN SMALL SCRIPT CHARACTER-18BFC
18BFD KHITAN SMALL SCRIPT CHARACTER-18BFD
18BFE KHITAN SMALL SCRIPT CHARACTER-18BFE
18BFF KHITAN SMALL SCRIPT CHARACTER-18BFF
18C00 KHITAN SMALL SCRIPT CHARACTER-18C00

Radical-07

18C01 KHITAN SMALL SCRIPT CHARACTER-18C01
→ 18D06 khitan small script radical-07
18C02 KHITAN SMALL SCRIPT CHARACTER-18C02
18C03 KHITAN SMALL SCRIPT CHARACTER-18C03
18C04 KHITAN SMALL SCRIPT CHARACTER-18C04
18C05 KHITAN SMALL SCRIPT CHARACTER-18C05
18C06 KHITAN SMALL SCRIPT CHARACTER-18C06
18C07 KHITAN SMALL SCRIPT CHARACTER-18C07
18C08 KHITAN SMALL SCRIPT CHARACTER-18C08
18C09 KHITAN SMALL SCRIPT CHARACTER-18C09
18C0A KHITAN SMALL SCRIPT CHARACTER-18C0A
18C0B KHITAN SMALL SCRIPT CHARACTER-18C0B
18C0C KHITAN SMALL SCRIPT CHARACTER-18C0C
18C0D KHITAN SMALL SCRIPT CHARACTER-18C0D
18C0E KHITAN SMALL SCRIPT CHARACTER-18C0E
18C0F KHITAN SMALL SCRIPT CHARACTER-18C0F
18C10 KHITAN SMALL SCRIPT CHARACTER-18C10
18C11 KHITAN SMALL SCRIPT CHARACTER-18C11
18C12 KHITAN SMALL SCRIPT CHARACTER-18C12

Radical-08

18C13 KHITAN SMALL SCRIPT CHARACTER-18C13
→ 18D07 khitan small script radical-08
18C14 KHITAN SMALL SCRIPT CHARACTER-18C14
18C15 KHITAN SMALL SCRIPT CHARACTER-18C15
18C16 KHITAN SMALL SCRIPT CHARACTER-18C16
18C17 KHITAN SMALL SCRIPT CHARACTER-18C17
18C18 KHITAN SMALL SCRIPT CHARACTER-18C18
18C19 KHITAN SMALL SCRIPT CHARACTER-18C19
18C1A KHITAN SMALL SCRIPT CHARACTER-18C1A
18C1B KHITAN SMALL SCRIPT CHARACTER-18C1B
18C1C KHITAN SMALL SCRIPT CHARACTER-18C1C
18C1D KHITAN SMALL SCRIPT CHARACTER-18C1D
18C1E KHITAN SMALL SCRIPT CHARACTER-18C1E
18C1F KHITAN SMALL SCRIPT CHARACTER-18C1F
18C20 KHITAN SMALL SCRIPT CHARACTER-18C20
18C21 KHITAN SMALL SCRIPT CHARACTER-18C21
18C22 KHITAN SMALL SCRIPT CHARACTER-18C22
18C23 KHITAN SMALL SCRIPT CHARACTER-18C23
18C24 KHITAN SMALL SCRIPT CHARACTER-18C24
18C25 KHITAN SMALL SCRIPT CHARACTER-18C25
18C26 KHITAN SMALL SCRIPT CHARACTER-18C26
18C27 KHITAN SMALL SCRIPT CHARACTER-18C27

Radical-09

18C28 KHITAN SMALL SCRIPT CHARACTER-18C28
→ 18D08 khitan small script radical-09
18C29 KHITAN SMALL SCRIPT CHARACTER-18C29
18C2A KHITAN SMALL SCRIPT CHARACTER-18C2A
18C2B KHITAN SMALL SCRIPT CHARACTER-18C2B
18C2C KHITAN SMALL SCRIPT CHARACTER-18C2C
18C2D KHITAN SMALL SCRIPT CHARACTER-18C2D
18C2E KHITAN SMALL SCRIPT CHARACTER-18C2E

Radical-10

18C2F KHITAN SMALL SCRIPT CHARACTER-18C2F
→ 18D09 khitan small script radical-10
18C30 KHITAN SMALL SCRIPT CHARACTER-18C30
18C31 KHITAN SMALL SCRIPT CHARACTER-18C31
18C32 KHITAN SMALL SCRIPT CHARACTER-18C32
18C33 KHITAN SMALL SCRIPT CHARACTER-18C33
18C34 KHITAN SMALL SCRIPT CHARACTER-18C34
18C35 KHITAN SMALL SCRIPT CHARACTER-18C35
18C36 KHITAN SMALL SCRIPT CHARACTER-18C36

Radical-11

18C37 KHITAN SMALL SCRIPT CHARACTER-18C37
→ 18D0A khitan small script radical-11
18C38 KHITAN SMALL SCRIPT CHARACTER-18C38
18C39 KHITAN SMALL SCRIPT CHARACTER-18C39
18C3A KHITAN SMALL SCRIPT CHARACTER-18C3A
18C3B KHITAN SMALL SCRIPT CHARACTER-18C3B
18C3C KHITAN SMALL SCRIPT CHARACTER-18C3C
18C3D KHITAN SMALL SCRIPT CHARACTER-18C3D
18C3E KHITAN SMALL SCRIPT CHARACTER-18C3E
18C3F KHITAN SMALL SCRIPT CHARACTER-18C3F
18C40 KHITAN SMALL SCRIPT CHARACTER-18C40
18C41 KHITAN SMALL SCRIPT CHARACTER-18C41
18C42 KHITAN SMALL SCRIPT CHARACTER-18C42
18C43 KHITAN SMALL SCRIPT CHARACTER-18C43
18C44 KHITAN SMALL SCRIPT CHARACTER-18C44
18C45 KHITAN SMALL SCRIPT CHARACTER-18C45
18C46 KHITAN SMALL SCRIPT CHARACTER-18C46
18C47 KHITAN SMALL SCRIPT CHARACTER-18C47
18C48 KHITAN SMALL SCRIPT CHARACTER-18C48
18C49 KHITAN SMALL SCRIPT CHARACTER-18C49
18C4A KHITAN SMALL SCRIPT CHARACTER-18C4A
18C4B KHITAN SMALL SCRIPT CHARACTER-18C4B

Radical-12

18C4C KHITAN SMALL SCRIPT CHARACTER-18C4C
→ 18D0B khitan small script radical-12
18C4D KHITAN SMALL SCRIPT CHARACTER-18C4D
18C4E KHITAN SMALL SCRIPT CHARACTER-18C4E
18C4F KHITAN SMALL SCRIPT CHARACTER-18C4F
18C50 KHITAN SMALL SCRIPT CHARACTER-18C50
18C51 KHITAN SMALL SCRIPT CHARACTER-18C51

Radical-13

18C52 KHITAN SMALL SCRIPT CHARACTER-18C52
→ 18D0C khitan small script radical-13
18C53 KHITAN SMALL SCRIPT CHARACTER-18C53
18C54 KHITAN SMALL SCRIPT CHARACTER-18C54
18C55 KHITAN SMALL SCRIPT CHARACTER-18C55
18C56 KHITAN SMALL SCRIPT CHARACTER-18C56
18C57 KHITAN SMALL SCRIPT CHARACTER-18C57
18C58 KHITAN SMALL SCRIPT CHARACTER-18C58
18C59 KHITAN SMALL SCRIPT CHARACTER-18C59
18C5A KHITAN SMALL SCRIPT CHARACTER-18C5A
18C5B KHITAN SMALL SCRIPT CHARACTER-18C5B
18C5C KHITAN SMALL SCRIPT CHARACTER-18C5C
18C5D KHITAN SMALL SCRIPT CHARACTER-18C5D
18C5E KHITAN SMALL SCRIPT CHARACTER-18C5E
18C5F KHITAN SMALL SCRIPT CHARACTER-18C5F
18C60 KHITAN SMALL SCRIPT CHARACTER-18C60
• iteration mark
18C61 KHITAN SMALL SCRIPT CHARACTER-18C61
18C62 KHITAN SMALL SCRIPT CHARACTER-18C62
18C63 KHITAN SMALL SCRIPT CHARACTER-18C63
18C64 KHITAN SMALL SCRIPT CHARACTER-18C64
18C65 KHITAN SMALL SCRIPT CHARACTER-18C65

Radical-14

18C66 KHITAN SMALL SCRIPT CHARACTER-18C66
→ 18D0D khitan small script radical-14
18C67 KHITAN SMALL SCRIPT CHARACTER-18C67
18C68 KHITAN SMALL SCRIPT CHARACTER-18C68
18C69 KHITAN SMALL SCRIPT CHARACTER-18C69
18C6A KHITAN SMALL SCRIPT CHARACTER-18C6A
18C6B KHITAN SMALL SCRIPT CHARACTER-18C6B
18C6C KHITAN SMALL SCRIPT CHARACTER-18C6C
18C6D KHITAN SMALL SCRIPT CHARACTER-18C6D
18C6E KHITAN SMALL SCRIPT CHARACTER-18C6E
18C6F KHITAN SMALL SCRIPT CHARACTER-18C6F
18C70 KHITAN SMALL SCRIPT CHARACTER-18C70
18C71 KHITAN SMALL SCRIPT CHARACTER-18C71
18C72 KHITAN SMALL SCRIPT CHARACTER-18C72
18C73 KHITAN SMALL SCRIPT CHARACTER-18C73
18C74 KHITAN SMALL SCRIPT CHARACTER-18C74
18C75 KHITAN SMALL SCRIPT CHARACTER-18C75
18C76 KHITAN SMALL SCRIPT CHARACTER-18C76
18C77 KHITAN SMALL SCRIPT CHARACTER-18C77
18C78 KHITAN SMALL SCRIPT CHARACTER-18C78
18C79 KHITAN SMALL SCRIPT CHARACTER-18C79
18C7A KHITAN SMALL SCRIPT CHARACTER-18C7A
18C7B KHITAN SMALL SCRIPT CHARACTER-18C7B
18C7C KHITAN SMALL SCRIPT CHARACTER-18C7C
18C7D KHITAN SMALL SCRIPT CHARACTER-18C7D
18C7E KHITAN SMALL SCRIPT CHARACTER-18C7E
18C7F KHITAN SMALL SCRIPT CHARACTER-18C7F
18C80 KHITAN SMALL SCRIPT CHARACTER-18C80

Radical-15

18C81 KHITAN SMALL SCRIPT CHARACTER-18C81
→ 18D0E khitan small script radical-15
18C82 KHITAN SMALL SCRIPT CHARACTER-18C82
18C83 KHITAN SMALL SCRIPT CHARACTER-18C83
18C84 KHITAN SMALL SCRIPT CHARACTER-18C84
18C85 KHITAN SMALL SCRIPT CHARACTER-18C85
18C86 KHITAN SMALL SCRIPT CHARACTER-18C86
18C87 KHITAN SMALL SCRIPT CHARACTER-18C87
18C88 KHITAN SMALL SCRIPT CHARACTER-18C88
18C89 KHITAN SMALL SCRIPT CHARACTER-18C89
18C8A KHITAN SMALL SCRIPT CHARACTER-18C8A
18C8B KHITAN SMALL SCRIPT CHARACTER-18C8B
18C8C KHITAN SMALL SCRIPT CHARACTER-18C8C
18C8D KHITAN SMALL SCRIPT CHARACTER-18C8D

Radical-16

18C8E KHITAN SMALL SCRIPT CHARACTER-18C8E
→ 18D0F khitan small script radical-16
18C8F KHITAN SMALL SCRIPT CHARACTER-18C8F
18C90 KHITAN SMALL SCRIPT CHARACTER-18C90
18C91 KHITAN SMALL SCRIPT CHARACTER-18C91
18C92 KHITAN SMALL SCRIPT CHARACTER-18C92
18C93 KHITAN SMALL SCRIPT CHARACTER-18C93
18C94 KHITAN SMALL SCRIPT CHARACTER-18C94
18C95 KHITAN SMALL SCRIPT CHARACTER-18C95
18C96 KHITAN SMALL SCRIPT CHARACTER-18C96

Radical-17

18C97 KHITAN SMALL SCRIPT CHARACTER-18C97
→ 18D10 khitan small script radical-17
18C98 KHITAN SMALL SCRIPT CHARACTER-18C98
18C99 KHITAN SMALL SCRIPT CHARACTER-18C99
18C9A KHITAN SMALL SCRIPT CHARACTER-18C9A
18C9B KHITAN SMALL SCRIPT CHARACTER-18C9B
18C9C KHITAN SMALL SCRIPT CHARACTER-18C9C
18C9D KHITAN SMALL SCRIPT CHARACTER-18C9D
18C9E KHITAN SMALL SCRIPT CHARACTER-18C9E
18C9F KHITAN SMALL SCRIPT CHARACTER-18C9F
18CA0 KHITAN SMALL SCRIPT CHARACTER-18CA0
18CA1 KHITAN SMALL SCRIPT CHARACTER-18CA1
18CA2 KHITAN SMALL SCRIPT CHARACTER-18CA2
18CA3 KHITAN SMALL SCRIPT CHARACTER-18CA3
18CA4 KHITAN SMALL SCRIPT CHARACTER-18CA4
18CA5 KHITAN SMALL SCRIPT CHARACTER-18CA5
18CA6 KHITAN SMALL SCRIPT CHARACTER-18CA6
18CA7 KHITAN SMALL SCRIPT CHARACTER-18CA7
18CA8 KHITAN SMALL SCRIPT CHARACTER-18CA8
18CA9 KHITAN SMALL SCRIPT CHARACTER-18CA9
18CAA KHITAN SMALL SCRIPT CHARACTER-18CAA
18CAB KHITAN SMALL SCRIPT CHARACTER-18CAB
18CAC KHITAN SMALL SCRIPT CHARACTER-18CAC
18CAD KHITAN SMALL SCRIPT CHARACTER-18CAD
18CAE KHITAN SMALL SCRIPT CHARACTER-18CAE
18CAF KHITAN SMALL SCRIPT CHARACTER-18CAF
18CB0 KHITAN SMALL SCRIPT CHARACTER-18CB0
18CB1 KHITAN SMALL SCRIPT CHARACTER-18CB1
18CB2 KHITAN SMALL SCRIPT CHARACTER-18CB2
18CB3 KHITAN SMALL SCRIPT CHARACTER-18CB3
18CB4 KHITAN SMALL SCRIPT CHARACTER-18CB4
18CB5 KHITAN SMALL SCRIPT CHARACTER-18CB5
18CB6 KHITAN SMALL SCRIPT CHARACTER-18CB6
18CB7 KHITAN SMALL SCRIPT CHARACTER-18CB7
18CB8 KHITAN SMALL SCRIPT CHARACTER-18CB8
18CB9 KHITAN SMALL SCRIPT CHARACTER-18CB9
18CBA KHITAN SMALL SCRIPT CHARACTER-18CBA
18CBB KHITAN SMALL SCRIPT CHARACTER-18CBB
18CBC KHITAN SMALL SCRIPT CHARACTER-18CBC
18CBD KHITAN SMALL SCRIPT CHARACTER-18CBD
18CBE KHITAN SMALL SCRIPT CHARACTER-18CBE
18CBF KHITAN SMALL SCRIPT CHARACTER-18CBF
18CC0 KHITAN SMALL SCRIPT CHARACTER-18CC0
18CC1 KHITAN SMALL SCRIPT CHARACTER-18CC1

Radical-18

18CC2 KHITAN SMALL SCRIPT CHARACTER-18CC2
→ 18D11 khitan small script radical-18
18CC3 KHITAN SMALL SCRIPT CHARACTER-18CC3
18CC4 KHITAN SMALL SCRIPT CHARACTER-18CC4
18CC5 KHITAN SMALL SCRIPT CHARACTER-18CC5
18CC6 KHITAN SMALL SCRIPT CHARACTER-18CC6
18CC7 KHITAN SMALL SCRIPT CHARACTER-18CC7
18CC8 KHITAN SMALL SCRIPT CHARACTER-18CC8
18CC9 KHITAN SMALL SCRIPT CHARACTER-18CC9
18CCA KHITAN SMALL SCRIPT CHARACTER-18CCA
18CCB KHITAN SMALL SCRIPT CHARACTER-18CCB
18CCC KHITAN SMALL SCRIPT CHARACTER-18CCC
18CCD KHITAN SMALL SCRIPT CHARACTER-18CCD

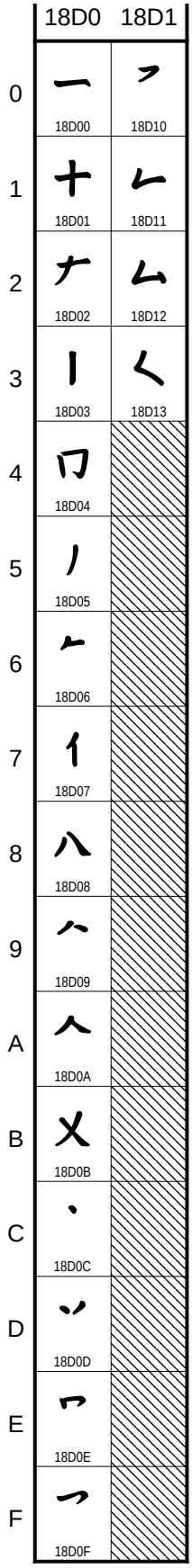
Radical-19

18CCE KHITAN SMALL SCRIPT CHARACTER-18CCE
→ 18D12 khitan small script radical-19
18CCF KHITAN SMALL SCRIPT CHARACTER-18CCF
18CD0 KHITAN SMALL SCRIPT CHARACTER-18CD0
18CD1 KHITAN SMALL SCRIPT CHARACTER-18CD1
18CD2 KHITAN SMALL SCRIPT CHARACTER-18CD2
18CD3 KHITAN SMALL SCRIPT CHARACTER-18CD3
18CD4 KHITAN SMALL SCRIPT CHARACTER-18CD4

Radical-20

18CD5 KHITAN SMALL SCRIPT CHARACTER-18CD5
→ 18D13 khitan small script radical-20
18CD6 KHITAN SMALL SCRIPT CHARACTER-18CD6

18CD7 KHITAN SMALL SCRIPT CHARACTER-18CD7



18D00	𘠀	KHITAN SMALL SCRIPT RADICAL-01
18D01	𘠁	KHITAN SMALL SCRIPT RADICAL-02
18D02	𘠂	KHITAN SMALL SCRIPT RADICAL-03
18D03	𘠃	KHITAN SMALL SCRIPT RADICAL-04
18D04	𘠄	KHITAN SMALL SCRIPT RADICAL-05
18D05	𘠅	KHITAN SMALL SCRIPT RADICAL-06
18D06	𘠆	KHITAN SMALL SCRIPT RADICAL-07
18D07	𘠇	KHITAN SMALL SCRIPT RADICAL-08
18D08	𘠈	KHITAN SMALL SCRIPT RADICAL-09
18D09	𘠉	KHITAN SMALL SCRIPT RADICAL-10
18D0A	𘠊	KHITAN SMALL SCRIPT RADICAL-11
18D0B	𘠋	KHITAN SMALL SCRIPT RADICAL-12
18D0C	𘠌	KHITAN SMALL SCRIPT RADICAL-13
18D0D	𘠍	KHITAN SMALL SCRIPT RADICAL-14
18D0E	𘠎	KHITAN SMALL SCRIPT RADICAL-15
18D0F	𘠏	KHITAN SMALL SCRIPT RADICAL-16
18D10	𘠐	KHITAN SMALL SCRIPT RADICAL-17
18D11	𘠑	KHITAN SMALL SCRIPT RADICAL-18
18D12	𘠒	KHITAN SMALL SCRIPT RADICAL-19
18D13	𘠓	KHITAN SMALL SCRIPT RADICAL-20

A. Administrative

1. Title

Final proposal to encode the Small Khitan Script in the SMP of the UCS

2. Requester's name

UC Berkeley Script Encoding Initiative (Universal Scripts Project); authors: Sun Bojun, Wu Yingzhe, Jing Yongshi, Jiruhe, Viacheslav Zaytsev, Andrew West, and Michael Everson

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

Liaison contribution.

4. Submission date

2016-09-17

5. Requester's reference (if applicable)

6. Choose one of the following:

6a. This is a complete proposal

Yes.

6b. More information will be provided later

No.

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

Khitan Small Script and Khitan Small Script Radicals.

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

No.

1d. Name of the existing block

2. Number of characters in proposal

494 (2, 472, 20).

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 C.

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?

Wu Yingzhe and Menksoft Company (Hohhot).

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 and FontLab.

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

Yes, in documents referred to above.

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

No.

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, see above.

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.

Yes, see other documents listed above.

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?

Wu Yingzhe, Sun Bojun, Jing Yongshi, Viacheslav Zaytsev, Andrew West.

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?

Specialists and students of Khitan.
4a. The context of use for the proposed characters (type of use; common or rare)
Common historical usage.
4b. Reference
5a. Are the proposed characters in current use by the user community?
Yes.
5b. If YES, where?
By scholars worldwide.
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)?
No; they are proposed for three blocks.
8a. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?
No.
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?
No.
10b. If YES, is a rationale for its inclusion provided?
10c. If YES, reference
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?