1. Summary. This document is a proposal to encode the Khitan Small Script (Qīdān 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:


2. Issues. The outstanding issues for Khitan Small Script are unrelated to the character repertoire and character names which will be balloted 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 implementation 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: 畼乏unsupported vs 畼乏unsupported.

2.2. 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.

1BB00;KHITAN SMALL SCRIPT CHARACTER-1BB00;Lo;0;L;;;;;N;;;;;
...
1BCD7;KHITAN SMALL SCRIPT CHARACTER-1BCD7;Lo;0;L;;;;;N;;;;;
1BD00;KHITAN SMALL SCRIPT RADICAL-01;Lo;0;L;;;;;N;;;;;
...
1BD13;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;;;;;;;;;
16FE3;KHITAN SMALL SCRIPT DOUBLE CLUSTER INITIAL;Cf;0;BN;;;;;;;;;

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. In the chart below, 9 glyphs marked in yellow were drawn by Michael Everson.

2.4. Character blocks. The recommended character blocks are: Khitan Small Script 1BB00..1BCFF, and Khitan Small Script Radicals, 1BD00..1BD1F.

3. Acknowledgements
This project was made possible in part by a grant from the U.S. National Endowment for the Humanities, which funded the Universal Scripts Project (part of the Script Encoding Initiative at UC Berkeley), as well as by a grant from the Luce Foundation. Any views, findings, conclusions or recommendations expressed in this publication do not necessarily reflect those of the National Endowment for the Humanities, or of the Luce Foundation.
Tangut mark
16FE0 𒁙 TANGUT ITERATION MARK
→ 3005 OfFile ideographic iteration mark

Nushu mark
16FE1 ꆇ NUSHU ITERATION MARK

Khitan Small Script formatting characters
16FE2 佝 KHITAN SMALL SCRIPT SINGLE CLUSTER INITIAL
16FE3 佟 KHITAN SMALL SCRIPT DOUBLE CLUSTER INITIAL
Radical-07
18C00 쟤 KIHITAN SMALL SCRIPT CHARACTER-18C00
18C01 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C01
18C02 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C02
18C03 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C03
18C04 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C04
18C05 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C05
18C06 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C06
18C07 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C07
18C08 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C08
18C09 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C09
18C0A กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C0A
18C0B กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C0B
18C0C กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C0C
18C0D กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C0D
18C0E กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C0E
18C0F กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C0F
18C10 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C10
18C11 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C11
18C12 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C12

Radical-08
18C13 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C13
18C14 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C14
18C15 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C15
18C16 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C16
18C17 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C17
18C18 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C18
18C19 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C19
18C1A กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C1A
18C1B กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C1B
18C1C กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C1C
18C1D กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C1D
18C1E กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C1E
18C1F กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C1F
18C20 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C20
18C21 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C21
18C22 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C22
18C23 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C23
18C24 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C24
18C25 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C25
18C26 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C26
18C27 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C27

Radical-09
18C28 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C28
18C29 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C29
18C2A กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C2A
18C2B กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C2B
18C2C กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C2C
18C2D กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C2D
18C2E กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C2E

Radical-10
18C2F กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C2F
18C30 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C30
18C31 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C31
18C32 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C32
18C33 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C33
18C34 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C34
18C35 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C35
18C36 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C36
18C37 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C37
18C38 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C38
18C39 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C39
18C3A กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C3A
18C3B กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C3B
18C3C กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C3C
18C3D กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C3D
18C3E กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C3E
18C3F กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C3F
18C40 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C40
18C41 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C41
18C42 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C42
18C43 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C43
18C44 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C44
18C45 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C45
18C46 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C46
18C47 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C47
18C48 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C48
18C49 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C49
18C4A กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C4A
18C4B กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C4B
18C4C กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C4C
18C4D กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C4D
18C4E กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C4E
18C4F กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C4F
18C50 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C50
18C51 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C51
18C52 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C52
18C53 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C53
18C54 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C54
18C55 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C55
18C56 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C56
18C57 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C57
18C58 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C58
18C59 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C59
18C5A กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C5A
18C5B กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C5B
18C5C กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C5C
18C5D กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C5D
18C5E กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C5E
18C5F กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C5F
18C60 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C60
18C61 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C61
18C62 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C62
18C63 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C63
18C64 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C64
18C65 กำหนด KIHITAN SMALL SCRIPT CHARACTER-18C65
Radical-14

18C66  KIHITAN SMALL SCRIPT CHARACTER-18C66
→ 18D0D " kihit small script radical-14

18C67  KIHITAN SMALL SCRIPT CHARACTER-18C67
18C68  KIHITAN SMALL SCRIPT CHARACTER-18C68
18C69  KIHITAN SMALL SCRIPT CHARACTER-18C69
18C6A  KIHITAN SMALL SCRIPT CHARACTER-18C6A
18C6B  KIHITAN SMALL SCRIPT CHARACTER-18C6B
18C6C  KIHITAN SMALL SCRIPT CHARACTER-18C6C
18C6D  KIHITAN SMALL SCRIPT CHARACTER-18C6D
18C6E  KIHITAN SMALL SCRIPT CHARACTER-18C6E
18C6F  KIHITAN SMALL SCRIPT CHARACTER-18C6F
18C70  KIHITAN SMALL SCRIPT CHARACTER-18C70
18C71  KIHITAN SMALL SCRIPT CHARACTER-18C71
18C72  KIHITAN SMALL SCRIPT CHARACTER-18C72
18C73  KIHITAN SMALL SCRIPT CHARACTER-18C73
18C74  KIHITAN SMALL SCRIPT CHARACTER-18C74
18C75  KIHITAN SMALL SCRIPT CHARACTER-18C75
18C76  KIHITAN SMALL SCRIPT CHARACTER-18C76
18C77  KIHITAN SMALL SCRIPT CHARACTER-18C77
18C78  KIHITAN SMALL SCRIPT CHARACTER-18C78
18C79  KIHITAN SMALL SCRIPT CHARACTER-18C79
18C7A  KIHITAN SMALL SCRIPT CHARACTER-18C7A
18C7B  KIHITAN SMALL SCRIPT CHARACTER-18C7B
18C7C  KIHITAN SMALL SCRIPT CHARACTER-18C7C
18C7D  KIHITAN SMALL SCRIPT CHARACTER-18C7D
18C7E  KIHITAN SMALL SCRIPT CHARACTER-18C7E
18C7F  KIHITAN SMALL SCRIPT CHARACTER-18C7F
18C80  KIHITAN SMALL SCRIPT CHARACTER-18C80

Radical-15

18C81  KIHITAN SMALL SCRIPT CHARACTER-18C81
→ 18D0E " kihit small script radical-15

18C82  KIHITAN SMALL SCRIPT CHARACTER-18C82
18C83  KIHITAN SMALL SCRIPT CHARACTER-18C83
18C84  KIHITAN SMALL SCRIPT CHARACTER-18C84
18C85  KIHITAN SMALL SCRIPT CHARACTER-18C85
18C86  KIHITAN SMALL SCRIPT CHARACTER-18C86
18C87  KIHITAN SMALL SCRIPT CHARACTER-18C87
18C88  KIHITAN SMALL SCRIPT CHARACTER-18C88
18C89  KIHITAN SMALL SCRIPT CHARACTER-18C89
18C8A  KIHITAN SMALL SCRIPT CHARACTER-18C8A
18C8B  KIHITAN SMALL SCRIPT CHARACTER-18C8B
18C8C  KIHITAN SMALL SCRIPT CHARACTER-18C8C
18C8D  KIHITAN SMALL SCRIPT CHARACTER-18C8D

Radical-16

18C8E  KIHITAN SMALL SCRIPT CHARACTER-18C8E
→ 18D0F " kihit small script radical-16

18C8F  KIHITAN SMALL SCRIPT CHARACTER-18C8F
18C90  KIHITAN SMALL SCRIPT CHARACTER-18C90
18C91  KIHITAN SMALL SCRIPT CHARACTER-18C91
18C92  KIHITAN SMALL SCRIPT CHARACTER-18C92
18C93  KIHITAN SMALL SCRIPT CHARACTER-18C93
18C94  KIHITAN SMALL SCRIPT CHARACTER-18C94
18C95  KIHITAN SMALL SCRIPT CHARACTER-18C95
18C96  KIHITAN SMALL SCRIPT CHARACTER-18C96

Radical-17

18C97  KIHITAN SMALL SCRIPT CHARACTER-18C97
→ 18D10 " kihit small script radical-17

18C98  KIHITAN SMALL SCRIPT CHARACTER-18C98
18C99  KIHITAN SMALL SCRIPT CHARACTER-18C99
18C9A  KIHITAN SMALL SCRIPT CHARACTER-18C9A
18C9B  KIHITAN SMALL SCRIPT CHARACTER-18C9B
18C9C  KIHITAN SMALL SCRIPT CHARACTER-18C9C

Radical-18

18C9D  KIHITAN SMALL SCRIPT CHARACTER-18C9D
18C9E  KIHITAN SMALL SCRIPT CHARACTER-18C9E
18C9F  KIHITAN SMALL SCRIPT CHARACTER-18C9F
18CA0  KIHITAN SMALL SCRIPT CHARACTER-18CA0
18CA1  KIHITAN SMALL SCRIPT CHARACTER-18CA1
18CA2  KIHITAN SMALL SCRIPT CHARACTER-18CA2
18CA3  KIHITAN SMALL SCRIPT CHARACTER-18CA3
18CA4  KIHITAN SMALL SCRIPT CHARACTER-18CA4
18CA5  KIHITAN SMALL SCRIPT CHARACTER-18CA5
18CA6  KIHITAN SMALL SCRIPT CHARACTER-18CA6
18CA7  KIHITAN SMALL SCRIPT CHARACTER-18CA7
18CA8  KIHITAN SMALL SCRIPT CHARACTER-18CA8
18CA9  KIHITAN SMALL SCRIPT CHARACTER-18CA9
18CAA  KIHITAN SMALL SCRIPT CHARACTER-18CAA
18CAB  KIHITAN SMALL SCRIPT CHARACTER-18CAB
18CAC  KIHITAN SMALL SCRIPT CHARACTER-18CAC
18CAD  KIHITAN SMALL SCRIPT CHARACTER-18CAD
18CAE  KIHITAN SMALL SCRIPT CHARACTER-18CAE
18CAF  KIHITAN SMALL SCRIPT CHARACTER-18CAF
18CB0  KIHITAN SMALL SCRIPT CHARACTER-18CB0
18CB1  KIHITAN SMALL SCRIPT CHARACTER-18CB1
18CB2  KIHITAN SMALL SCRIPT CHARACTER-18CB2
18CB3  KIHITAN SMALL SCRIPT CHARACTER-18CB3
18CB4  KIHITAN SMALL SCRIPT CHARACTER-18CB4
18CB5  KIHITAN SMALL SCRIPT CHARACTER-18CB5
18CB6  KIHITAN SMALL SCRIPT CHARACTER-18CB6
18CB7  KIHITAN SMALL SCRIPT CHARACTER-18CB7
18CB8  KIHITAN SMALL SCRIPT CHARACTER-18CB8
18CB9  KIHITAN SMALL SCRIPT CHARACTER-18CB9
18CBA  KIHITAN SMALL SCRIPT CHARACTER-18CBA
18CBB  KIHITAN SMALL SCRIPT CHARACTER-18CBB
18CBC  KIHITAN SMALL SCRIPT CHARACTER-18CBC
18CBD  KIHITAN SMALL SCRIPT CHARACTER-18CBD
18CBE  KIHITAN SMALL SCRIPT CHARACTER-18CBE
18CBF  KIHITAN SMALL SCRIPT CHARACTER-18CBF
18CC0  KIHITAN SMALL SCRIPT CHARACTER-18CC0
18CC1  KIHITAN SMALL SCRIPT CHARACTER-18CC1

Radical-19

18CC2  KIHITAN SMALL SCRIPT CHARACTER-18CC2
→ 18D11 " kihit small script radical-19

18CC3  KIHITAN SMALL SCRIPT CHARACTER-18CC3
18CC4  KIHITAN SMALL SCRIPT CHARACTER-18CC4
18CC5  KIHITAN SMALL SCRIPT CHARACTER-18CC5
18CC6  KIHITAN SMALL SCRIPT CHARACTER-18CC6
18CC7  KIHITAN SMALL SCRIPT CHARACTER-18CC7
18CC8  KIHITAN SMALL SCRIPT CHARACTER-18CC8
18CC9  KIHITAN SMALL SCRIPT CHARACTER-18CC9
18CCA  KIHITAN SMALL SCRIPT CHARACTER-18CCA
18CCB  KIHITAN SMALL SCRIPT CHARACTER-18CCB
18CCC  KIHITAN SMALL SCRIPT CHARACTER-18CCC
18CDD  KIHITAN SMALL SCRIPT CHARACTER-18CDD

Radical-20

18CDE  KIHITAN SMALL SCRIPT CHARACTER-18CDE
→ 18D13 " kihit small script radical-20

18CDF  KIHITAN SMALL SCRIPT CHARACTER-18CDF
18CDO  KIHITAN SMALL SCRIPT CHARACTER-18CDO
18CDA  KIHITAN SMALL SCRIPT CHARACTER-18CDA
18CDB  KIHITAN SMALL SCRIPT CHARACTER-18CDB
18CDD  KIHITAN SMALL SCRIPT CHARACTER-18CDD
18CDE  KIHITAN SMALL SCRIPT CHARACTER-18CDE
18CD7  Khitan Small Script  18CD7

18CD7  KHITAN SMALL SCRIPT CHARACTER-18CD7
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: Wu Yingzhe, Sun Bojun, Jing Yongshi, Viacheslav Zaytsev, Andrew West, and Michael Everson
3. Requester type (Member body/Liaison/Individual contribution)
Liaison contribution.
4. Submission date
2016-09-13
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
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

4c. 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?