

**Type:** Working Group Document  
**Title:** Response to WG2 N5209  
**Source:** TCA and China experts  
**Reference:** [N5209](#), [N5211](#), [N5211d](#), [N5230](#)  
**Date:** 2024-06-06

## 1. Background

Because it has been a long time, let me first explain the history to help everyone recall.

On December 6, 2017, Cook created a large chart titled "14-Column Seal Script Glyph Comparison Chart ([N5211d](#))" and submitted it to WG2 on April 3, 2023. The document number is [N5211](#). The content of the document explains that the chart integrates seal script glyphs from three sources: Da Xu version (X), Xiao Xu version (K), and Duan Zhu version (D), totaling 14 versions. The chart allows for the comparison of differences in seal script glyphs across these versions.

On March 11, 2023, Michel reorganized the chart. In document [N5209](#), it was found that in the 14-Column Seal Script Glyph Comparison Chart ([N5211d](#)), there are a total of 55 entries present in the Xiao Xu version (K) and Duan Zhu version (D) that are not found in the Da Xu version (X).












Since the 55 entries in [N5209](#) were not identified with their glyphs, TCA took the serial numbers of these 55 entries, and add the Original Glyphs for (X) and (D) versions, and supplemented the "Corresp Modern Char." column with modern characters, and reviewed the SW Radical and SW Radical Number.










On May 19, 2024, seal script experts from mainland China and TCA held an online meeting. We categorized the 55 entries into characters that do not require separate encoding (as in [Appendix I](#)), totaling 8 entries, and characters that can be separately encoded (as in [Appendix II](#)), totaling 47 entries. Additionally, the experts suggested adding the encoding of 2 more entries from the Duan Zhu version (D) (as in [Appendix III](#)).







Here is an explanation for the entries not included in the encoding:

Because they are duplicates, they do not need to be encoded. This follows the "Handling of exact duplicates" method described by Selena in document N5189, "THX Seal Glyph Correction Principles," submitted on June 17, 2022.

Appendix I :Glyphs not to be separately coded: 8 entries

No	Index		D index	K index	X index	THX index	Unicode	TTF Font	Corresp Modern Char. 今字	SW Radical 說文部首	SW Radical Number	Not encode	Variant	Note
1	427	X:425 K:407 K:729 D:404	  00404	  00407	00425	00407	381A8		苗	艸	12		X:425 K:407 K:729 D:404	小徐本(K)小篆字形重複。 不單獨編碼。
	428			 00729					苗	艸	12	Y	X:425 K:407 K:729 D:404	
2	4408			 04276					閑	木	206	Y	X:8742 K:4276 K:8435 D:8413	小徐本(K)小篆字形重複。 不單獨編碼。
	8782	X:8742 K:4276 K:8435 D:8413	 08413	 08435	08742	08424	3A215		閑	門	438		X:8742 K:4276 K:8435 D:8413	
3	7338			 07050					炎	火	382	Y	X:7447 K:7050 K:7187 D:7163	小徐本(K)小篆字形重複。 不單獨編碼。
	7480	X:7447 K:7050 K:7187 D:7163	 07163	 07187	07447	07175	39D08		炎	炎	387		X:7447 K:7050 K:7187 D:7163	

No	Index		D index	K index	X index	THX index	Unicode	TTF Font	Corresp Modern Char. 今字	SW Radical 說文部首	SW Radical Number	Not encode	Variant	Note
4	7550			 07254					思	壹	396	Y		X:7697 K:7254 K:7435 D:7411 小徐本(K)小篆字形重複。 不單獨編碼。
	7733	X:7697 K:7254 K:7435 D:7411	 07411	 07435	07697	07423	39E01		思	心	408			X:7697 K:7254 K:7435 D:7411
5	1069	X:1066 K:1039 D:1027 D+7635	 01027	 01039	01066	01033	38426		𠂔	口	22			X:1066 K:1039 D:1027 D+7635
	7970		 07635						沅	水	410	Y		X:1066 K:1039 D:1027 D+7635 段注本(D)字形重複。 不單獨編碼。
6	1643	X:1643 K:1585 D:1567 D+5181	 01567	 01585	01643	01578	38667		廿	十	54			X:1643 K:1585 D:1567 D+5181
	5386		 05181						廿	疒	274	Y		X:1643 K:1585 D:1567 D+5181 段注本(D)字形重複。 不單獨編碼。






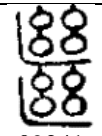









No	Index		D index	K index	X index	THX index	Unicode	TTF Font	Corresp Modern Char. 今字	SW Radical 說文部首	SW Radical Number	Not encode	Variant	Note
7	6841	X:6812 K:6577		 06577	06812	06565	39A8D		卅	石	357			
	10173	D:9753	 09753						卯	卯	478			(X)、(D)對此字為說解不同，但字形相同，故不編碼。
8	6162 6163	K:5937 D+5915	 05915	 05937	06138	05927	397EC		屮	尸	305	X:1549 X:6138 K:1497		N5119 (THX)字形修正，所以跟 (K)、(D)字形相同，不單獨編碼。

[Appendix II](#) : Small Seal Glyphs that can be coded separately: 47 entries




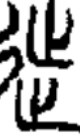
No.	Index	D index	K index	X index	THX index	Unicode	TTF Font	Corresp Modern Char. 今字	SW Radical 說文部首	SW Radical Number	Not encode	Variant
1	7054	D:6756		07025	06769	39B62		X: 馬 D: 馬	馬	370		
2	9512	D:9114		09466	09120	3A4E9		匚	匚	459		
3	5007	D:4816						鬲	鼎	250		
4	6005	D:5768						衲	衣	300		
5	3106	D:2988						覺	肉	135		
6	3389	D:3258						个	竹	143		
7	3452	D:3321						第	竹	143		
8	4193	D:4044						榑	木	206		
9	4784	K:4633 D:4612						鄜	邑	229		
10	5002	D:4811						片	片	249		

No.	Index		D index	K index	X index	THX index	Unicode	TTF Font	Corresp Modern Char. 今字	SW Radical 說文部首	SW Radical Number	Not encode	Variant
11	5472	D:5267	 05267						疔	疒	274		
12	6216	D:5967	 05967						舩	舟	309		
13	6230	D:5977	 05977						亮	儿	311		
14	6428	K:6192 D:6173	 06173	 06192					頎	頁	324		
15	6650	D:6386	 06386						魑	鬼	346		
16	7087	D:6789	 06789						駮	馬	370		
17	7167	D:6863	 06863						兔	兔	375		
18	8205	D:7868	 07868						池	水	410		
19	9050	K:8688 D:8674	 08674	 08688					擘	手	441		
20	9137	D:8761	 08761						摻	手	441		
21	9405	D:9016	 09016						妥	女	443		

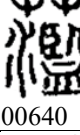



No.	Index		D index	K index	X index	THX index	Unicode	TTF Font	Corresp Modern Char. 今字	SW Radical 說文部首	SW Radical Number	Not enco de	Variant
			09016										
22	9587	D:9187	 09187						驚	弓	463		
23	10118	D:9702	 09702						蝨	虫	472		
24	11100	K:10667 D:10651	 10651	 10667					舍	酉	537		
25	3387	K:3280 D+3256	 03256	 03280	03376	03271	38D 27		籩, 籩	竹	143		
26	161	D:155	 00155						璵	玉	6		
27	2172	D:2072	 02072						燮	又	76		
28	2263	K:2184 D:2163	 02163	 02184	02258	02179	388 CA		殺	殺	87		
29	2267	K:2188 D:2167	 02167	 02188					殺	殺	87		
30	3177	D:3053	 03053						X: 刻 D: 刪	刀	137		
31	4450	K:4309 D:4287	 04287	 04309					X: 嵬 D: 嵬	之	211		
32	8291	D:7954							瀦, 瀦	水	410		

No.	Index		D index	K index	X index	THX index	Unicode	TTF Font	Corresp Modern Char. 今字	SW Radical 說文部首	SW Radical Number	Not enco de	Variant
			07954										
33	8834	K:8483 D:8460	 08460	 08483					矚, 矚	耳	439		
34	9376	K:9009 D:8987	 08987	 09009					婁	女	443		
35	9603	D:9203	 09203						由	系	466		
36	9641	D:9241	 09241						𣪠	系	467		
37	10296	K:9893 D:9876	 09876	 09893					𡗗	土	480		
38	10693	K:10265 D:10248	 10248	 10265					且	且	494		
39	94	K:94		 00094					禴	示	3		
40	1506	K:1492		 01492					躐	足	40		
41	2368			 02288					𣪠	攴	92	Y	X:10254 K:2288 K:9903 D:9886
42	5127	K:4955		 04955					𣪠	黍	255		
43	5509	K:5325		 05325					覓	月	277		



No.	Index		D index	K index	X index	THX index	Unicode	TTF Font	Corresp Modern Char. 今字	SW Radical 說文部首	SW Radical Number	Not encode	Variant
44	7481	K:7051		 07051					炙	炙	387		
45	7525	K:7229		 07229					吳	夊	391		
46	8078	K:7767		 07767					澤	水	410		
47	8955			 08594					帶	手	441	Y	X:1262 K:1224 K:8594 D-1212

[Appendix III](#): The experts suggested adding the encoding of 2 more entries from the Duan Zhu version (D), Because of the different structure of the glyphs

Index		D index	X index	THX index	Unicode	TTF Font	Corresp Modern Char. 今字	SW Radical 說文部首	different radical 重文部首	SW Radical Number
664	X:662 K:643 D+640	 00640	00662	00644	38295		X: 藍/藍 D: 藍(濫)	艸		12
11071	X:11017 K:10638 D+10621	 10621	11017	10621	3AAF7		申	申	日	536

(end of document)