Date 2021-10-07

Source:	TianHeng Shen(沈天珩, aka CheonHyeong Sim), Yi Bai(白易)					
Title:	Several glyph issues on code charts related to T-Source					
Status:	Individual Contribution on IRG #58					
Action:	To be considered by IRG and TCA					

Several T-Source related issues on code charts have been found, some of them are duplicated with other ideographs, which leads to confusion for font creators.

1. U+2B158

In Master Ideographs Seeker for CNS 11643 Chinese Standard Interchange Code (abbreviated as MIS), 明體 looks like 日主茄, while 楷體 and 宋體 are closer to 日吉茄.



Furthermore, until Unicode 6.0, in the code chart U+2B158 has the following glyph shape



However since Unicode 6.1, the glyph has been changed to



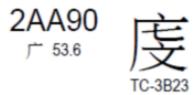
According to the radical, the former one seems to be correct. Otherwise it should have been unified with 嘉(U+5609). We suggest TCA consider fixing the glyph.

2. U+2AA90

Similar to the previous one, 明體 and 楷體 in MIS seem to be the correct form.



Until Unicode 6.0, it has the shape



Since Unicode 6.1, it became



which is identical to 虔(U+8654). We suggest TCA consider fixing the glyph.

3. U+27255

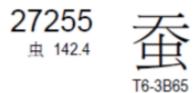
明體 and 楷體 in MIS has the shape of 日夭虫, while 宋體 is identical to 蚕(U+8695).



until Unicode 5.2, the shape is:



Since Unicode 6.0, it became:



After UCS2003 glyph was prepended to code chart, it looks like:



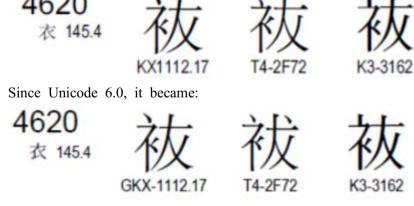
After UCS2003 was removed in Unicode 14.0, it became a single glyph again, which is identical to $\Xi(U+8695)$. We suggest TCA consider fixing the glyph.

4. U+4620

Compared with 明體 and 楷體 in MIS, 宋體 has an extra dot, making it identical to 祓(U+889A).



until Unicode 5.2, the shape is:



We suggest TCA consider fixing the glyph.

5. U+26EA4

The lower part of 明體 is 揉, while 楷體 and 宋體 are 楺.



until Unicode 5.2, the shape is:



Since Unicode 6.0, it became:



We suggest TCA consider fixing the glyph.

6. U+2B25D

The lower part of 明體 and 楷體 are 心, while 宋體 is 必.



until Unicode 6.0, the shape is:



Since Unicode 6.1, it became:



We suggest TCA consider fixing the glyph.

7. U+2752C

The left part of 明體 is 虫, while 楷體 and 宋體 are 足.



until Unicode 5.2, the shape is:

Since Unicode 6.0, it became:

2752C ± 142.16

GKX-1102.38

T4-6931

We suggest TCA consider fixing the glyph.

8. U+277B0

The left part of 明體 is $\[\lambda \]$, while 楷體 and 宋體 are $\[\Lambda \]$, making it identical to 憾(U+2D7CD).



until Unicode 5.2, the shape is:

Since Unicode 6.0, it became:

We suggest TCA consider fixing the glyph.

9. U+243BE



until Unicode 5.2, the shape is:

243BE 火 86.12 町 17-2F4B

Since Unicode 6.0, it became:

We suggest TCA consider fixing the glyph.

10. U+7361 and U+2486F

In Unicode 14.0, U+7361 and U+2486F have the following glyphs.



GKX-0719.02

respectively. While there are quite a few cases where a glyph on one code point is identical to another glyph from other source on another code point, the component data in MIS for T2-5226 is $(3, \boxminus, \uparrow, \uparrow, \dots)$. And there is another character in MIS, which is TA-6054, has the component data of $(3, \boxminus, \uparrow, \uparrow, \dots)$.

We suggest that T2-5226 should be updated to the shape of G3-4461, and consider a Horizontal Extension of TA-6054 to U+2486F.

11. U+8412 and U+26CC6

In Unicode 14.0, U+8412 and U+26CC6 have the following glyphs.



respectively. In MIS, T2-3F47 has the component data of $(++,-^{\perp},\nearrow,\searrow,\searrow)$, which contradicts with T-Source glyph on code chart. Furthermore, T2-3F47 and T6-573B (on U+26CC6) have identical shapes.

We suggest that T2-3F47 should be updated to the shape of HB2-DB62.

12. U+2B089

Until Unicode 5.2 U+2B089 has TD source:



(End of document)

$ISO/IEC\ JTC1/SC2/WG2/IRG\ N2519-part2$

Date 2022-01-11

Source:	TianHeng Shen(沈天珩, aka CheonHyeong Sim)
Title:	Thorough inspection of T-source issues
Status:	Individual Contribution on IRG #58
Action:	To be considered by IRG and TCA

Introduction

After publishing IRGN2519(aka T-source issues, CheonHyeong Sim(later modified as TianHeng Shen) and Yi Bai, 2021.10), we discovered some new issues. In order to solve all the issues, we made a thorough inspection of T-source. Since Unicode5.2 is the first version to have the MulticolHan charts, we compared all the T-source glyphs in Unicode5.2 with the corresponding characters in Unicode14.0, and discovered 480 pairs of characters which have major changes. And most of the changes are from Unicode6.0.

We will divide these characters into 3 groups as the following catalogue according to our own judgment. The classification is only for reference, as the opinion of IRG or TCA may be different from ours.

Catalogue

- 1. Changes in URO and ExtA-C
 - 1.1 Incorrect glyphs
 - 1.2 Glyphs difficult to judge correct or incorrect
 - 1.3 Corrected glyphs
- 2. Issues of Compatibility Ideographs

1. Changes in URO and ExtA-C

1.1 Incorrect glyphs

The following 82 characters in the form are considered to be wrong in Unicode14.0. We will give the reasons as comments in the form below for reference. We default that the glyph of Unicode5.2 is the right one unless an extra comment is given.

mat the g	and the gryph of officedes.2 is the fight one diffess an extra comment is given.					
Unicode	Glyph (Ming LiU)	Grypn	Glyph (14.0)	Comments		
56DF	囟	囟	囟	 		

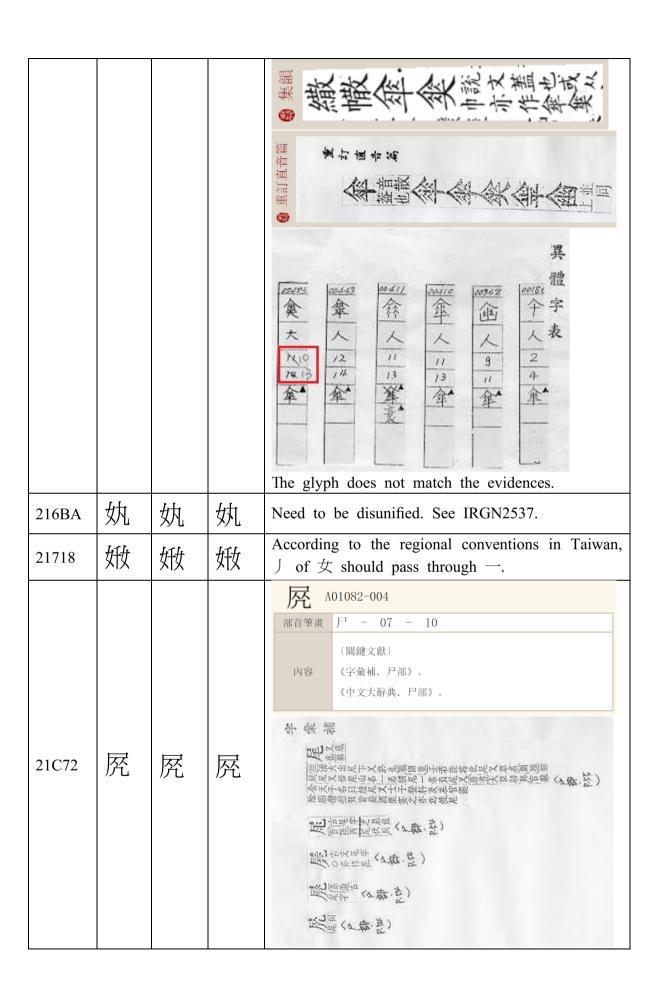
				According to 小篆, 明體 seems to be right.
5AD0	嫐	嫐	嫐	According to the regional conventions in Taiwan, J of 女 should pass through 一.
5DFD	巺		巺	明體 推體 宋體 (T1-5E78, U+5DFD) Frequency (T6-4837, U+2F884) All the other characters with the component 巽 are shown as 巽 but not 巽, so we consider it as a mistake.
64D3	擓	擓	擓	##
820B	舋			明體 楷體 宋體 The Unicode14.0 glyph does not match CNS11643.
8FBC	込	込	込	明體 楷體 宋體 The Unicode14.0 glyph is similar to 込(U+3214B).
9255	鉅	鉕	鉕	The external part of 巨 is \square but not \square , so 楷體 and 宋體 seem to be wrong.
99C6	馬区	馬区	馬区	馬区馬区馬区 明體 楷體 宋體 The external part of 区(區) is □ but not □, so 宋體 seems to be wrong.

	1	1		
3538	虒	虒	虒	明體 楷體 宋體 The radical is 匸, so 楷體 and 宋體 seem to be wrong. Unicode5.2 is also wrong.
3966	憠	感	憠	明體 塔體 宋體 The external part of 匧 is □ but not □, so 宋體 seems to be wrong.
3A24	擓	推	擓	并僅 才僅 才僅 明體 培體 宋體 The external part of 匯(匯) is □ but not □, so 宋體 seems to be wrong.
3AE4	旦永	旱 汞	泉	景泉 京體 (T6-3167, U+3AE4)
3BE1	콅	콅	泰包	The left part is 黍 according to CNS11643, but that is absolutely wrong. The glyph has not changed since Unicode6.0, but the 6 th stroke seems to be strange, and the strokes of the right part seem to be too thin. We suggest TCA consider fixing the glyph back to Unicode5.2.
3C3C	欧	欧	欧	明體

3CE4	淋	法		According to the regional conventions in Taiwan, the 3 rd stroke of is . Unicode5.2 is also wrong.
	124.	7211	171	We suggest TCA consider fixing it as 洲.
3EEB	畢	琿	畢	开 明體 楷體 宋體 The Unicode14.0 glyph does not match CNS11643.
3FC4	廏	廏	癥	膨 膨 下體 The external part of 医 is □ but not □, so all the three glyphs seem to be wrong.
4115	畓	畓	涾	明體 楷體 宋體 才小水,田(Ver. CNS11643_2_94) The Unicode14.0 glyph does not match the components listed in CNS11643.
4301	綆	要	繧	## (T4-4C44, U+4301) W
4389	翋	羽戍	羽戌	明體 楷體 宋體 羽,戊,、(Ver. CNS11643_2_94) The Unicode14.0 glyph does not match CNS11643, while 宋體 does not match the components listed.
4565	蒸	薾	万	新

				The style of 八 of 宋體 seems to be strange.
45BA	修	峰	偹	字號 C12314 正字 【修集】 虫 - 07 - 13 説文釋形 「修」《説文》不錄。 注音 去 幺´ 漢語拼音 tiáo 釋義 「修輔」: 傳說中的一種怪物。《山海經. 東山經》: 「又南三百里, 曰獨山,未塗之水出焉, 而東南流注于沔, 其中多條輔, 其狀如黃蛇, 魚翼, 出入有光, 見則其邑大旱。」
4617	衞	衞	衞	新 综 综 明體 推體 宋體 The Unicode14.0 glyph does not match the regional conventions in Taiwan.
4620	袚	袚	袚	See IRGN2519.
4907	酸	酸	酸	西安 西安 下で B05246-001
20457	雤	僊	雤	化 图像 明體 格體 宋體 宋體 seems to be strange.

205A9	顛	類	類	頁 頁 頁 宋體 宋體 seems to be wrong.
20885	嫐	勮	趔	20885 h 19.10 GKX-0148.26 T5-3669 2088D GKX-0148.26 T5-3669 to U+2088D seems to be better. Unicode5.2 is also wrong.
20AD7	瓜	风	丸	20AD7 L 28.2 GKX-0164.08 T6-215D 2062F L 16.2 GHZ-10276.09 T6-215C 2062F E0100 Moji_Joho MJ031160 MJ031965
2110A	嚂	嚂	嚂	明體 楷體 宋體 宋體 seems to be strange.
2151E	主	宝	主	明體 精體 宋體 The first stroke of the glyph of Unicode14.0 seems to be strange. The lower part of the glyph of Unicode5.2 may be wrong.
2166B				A00224-006



				展
21D12	岑	岑	岩	等
21D19	草	草	草	明體 楷體 宋體 **, 台, + (Ver. CNS11643_2_94) The Unicode14.0 glyph does not match CNS11643, while 楷體 and 宋體 does not match the components listed.
222E6	<u></u>	<u></u>	菡	明體 楷體 宋體 即數 編集 (田南之) (田南) (田南) (田南) (田南) (田南) (田南) (田南) (田南

22F47	麼女	医女	医文	医女 医女 医女 明體 推體 宋體 に、ハ・・・ 女 (Ver. CNS11643_2_94) 宋體 seems to be wrong.
237A4	斑秫	斑木	英术	明體 楷體 宋體 大, 世, 世, 木, 木 (Ver. CNS11643_2_94) 237A4 木 75.15 The Unicode14.0 glyph does not match CNS11643, while 宋體 does not match the remaining strokes.
23805	櫨		薀	用體 推體 字體 23805 下F-675E The Unicode14.0 glyph does not match CNS11643, while 宋體 does not match the radical.
2382C	禁	* ** ** ** ** ** ** ** ** ** ** ** ** *	本 本 火水	大本 ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・
23AAF	設	設	設	第章 字子 字子 14 10 字體 本體 全體 部首外 The Unicode14.0 glyph does not match CNS11643, while 宋體 does not match the remaining strokes.
23EE4	虤	榆	梳	23EE4 水 85.11 GKX-0648.09 T7-243F 23E73 水 85.10 GKX-0643.08 T6-5E32 Unicode5.2 is also wrong.

23FF8	淵	淵	淵	第章 16 13 明體 楷體 宋體 總筆畫 部首外 The Unicode14.0 glyph does not match CNS11643, while 宋體 does not match the remaining strokes.
24120	濱	濱	灣	明體 楷體 宋體 Until Unicode12.1, the left side of this character was written wrong as ‡, and was fixed from Unicode13.0. But According to the regional conventions in Taiwan, the 3 rd stroke of 〉 is ✓.
243BE	剿	魙	剿	See IRGN2519.
2442D	燽	燽	燽	#畫 18 14 14 18 14 18 18 14 18 18
251E4	睴	瞩	瞩	明體 楷體 宋體 251E4 □ 109.8 □ 109
25864	槱	槱	积	25864
259BE	愙	愙	愙	明體 楷體 宋體 Unicode5.2 is also wrong.

25CEA	遵	遵	第	 第首筆畫 竹 - 12 - 18 (關鍵文獻) 《重訂直音篇、卷四、竹部》。 #「第」另兼正字。 ⇒)「第」之異體。
				The glyph does not match the evidence.
25D01	篁	篁	童	新聞 特體 宋體 明體 特體 宋體 「
25D1F	穣	箞	穣	接 明體 搭體 宋體 25D1F 竹 118.12 天體 TF-6337 The Unicode14.0 glyph does not match CNS11643, while 楷體 and 宋體 does not match the remaining strokes.
2633B	選	選	選	現選選 選

				異 (14283) 10685 10672 10634 10628 體 (14283) 以
				宋體 seems to be wrong. *Note: G—source is also wrong for the same reason. We suggest China consider fixing the glyph.
26882	濮	濮	濮	The Unicode14.0 glyph does not match CNS11643, while 宋體 does not match the remaining strokes.
268FD	直	直	直	用體 指體 宋體 に, 自 (Ver. CNS11643_2_94) 明體 and 宋體 seem to be wrong. Unicode5.2 is also wrong.
26CA9	荊	荊	蔸	并 明體 楷體 宋體 The Unicode14.0 glyph does not match CNS11643.
26EA4	蓀	蓀	蓀	See IRGN2519.

2703B	薝	薝	簷	relation
2714A	遂	遂	交生	A03504-001 Wind Wind
27255	蚕	蚕	蚕	See IRGN2519.
2752C	螦	螦	躊	See IRGN2519.
276E6	裘	载	裘	表表 表表 表表 表表 表表 表表 表表 表

				光不伸也 東京 東京 東京 東京 東京 東京 東京 東京 東京 東京
276EB	摇	ゎ	夷之	関鍵文献) (無額等重 衣 - 09 - 15 (開鍵文献) (集報)。 (四聲篇海)。 (中文大辭典)。 (四聲篇海)。 (中文大辭典)。 (中文大辭典)。 (四聲篇海)。 (中文大辭典)。 (中文大孫和本本本書) (中文大孫和本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本
277B0	撼	撼	慽	See IRGN2519.
27EEE	趣	趣	越	27EEE 走 1566 The Unicode14.0 glyph does not match CNS11643, while 宋體 does not match the remaining strokes.

28891	酢	釄	酢	明體 楷體 宋體 宋體 seems to be strange.
291D2	震災	黨	爱爱风	明體 楷體 宋體 According to the regional conventions in Taiwan, the 1st stroke of 火 should be a dot from top left to bottom right, but not a dot from top right to bottom left. 宋體 seems to be wrong.
2949E	頡	頡	頢	B05681-002
29649	戸心	颱	殿	明體 楷體 宋體 The Unicode14.0 glyph does not match CNS11643.
2973F	誤	食采	睬	 (開建文献) (別報金本) (別報

				飽餘聚結以来以即以在文四 (良郊 門)賴 篇
				The glyph does not match the evidence. 楷體 and 宋體 seem to be wrong.
29AE8	 	驘	章成	章成 章成 章成 明體 楷體 宋體 The 3 rd stroke of 成 broke off.
29F99	鳥七	息	息	字號 C17479 正字 【鳥上】鳥 - 02 - 13 說文釋形「鳥」《說文》不錄。 注音 〈 漢語拼音 qī 釋義 七鳥。見《康熙字典. 鳥部》。 The glyph does not match the evidence or the etymological decomposition. Unicode5.2 is also wrong.
2A0B8	突鳥	鷄	突鳥	 皮膚 交鳥 交鳥 皮膚 B06176-001 部首筆畫 鳥 - 09 - 20 (開鍵文獻) (水谷 (水谷) (水谷) (水谷) (水谷) (水谷) (水谷) (水谷) (
2A3D6	<u></u>	<u></u>	共已共而	世帯

				The component on the upper right corner should be
				either \square or \square , both are OK; but the 2^{nd} stroke
				of in seems to be strange.
				Unicode5.2 is also wrong.
2A508	勲	殿	敝	開放 取 京敬 取 京體 According to the regional conventions in Taiwan, the lower left corner of 鼎 should be 丁 but not 丁. 宋體 seems to be wrong.
2AA90	度	度	虔	See IRGN2519.
2AF5C	暇	暇	暇	明體 推體 宋體 Meanwhile, the given pronunciation of CNS11643 is xiá or xià, the right part of this character is impossible to be 段.
2B01B	磠	極	裇	明體 楷體 宋體 The Unicode14.0 glyph does not match CNS11643.
2B158	흂	蓋	嘉	See IRGN2519.
2B25D	慈	慈	慧	See IRGN2519.

1.2 Glyphs difficult to judge correct or incorrect

The following 112 characters in the form are considered to be difficult to judge right or wrong in Unicode14.0. We will give the comments in the form below for reference.

Unicode	Glyph (Ming LiU)	Glyph (5.2)	Glyph (14.0)	Comment	īs.				
5220	Hiti Hiti	11111	helio - P	518C □ 13.3	G0-3261	T3-2179	J0-5146	∰ K2-242A	₩ V1-4C53
5220			删	59D7 女 38.5	50-6629	好 T3-2	∰ 846		

				6805 木 75.5	G0-5524	₹∰ T3-2D38	伽 K2-3A4A
5332	匲	盃	匲				
5A30	娰	娰	娰	The right	part seems	to be strange.	
5BDD	寝	寝	寝	Does not	match the re	egional convention	s in Taiwan.
65C8	旒	旒	旒	Does not	match the re	egional convention	s in Taiwan.
6A03	樃	樃	樃	Does not	match the re	egional convention	s in Taiwan.
6BB6	投	殶	殶	The left	part seems to	o be strange.	
6BCC	#	⊞	 				
7A4F	穏	穏	穏	Does not	match the re	egional convention	s in Taiwan.
7A50	穐	穐	穐				
7C14	簑	簑	簑				
81FD	臽	臽	臽				
85C1	謹	黨	葈				
8EA2	躢	躢	躢	Does not	match the re	egional convention	s in Taiwan.
93BE	鈕	盔	鎾	Does not	match the re	egional convention	s in Taiwan.
9942	饂	饂	饂	Does not	match the re	egional convention	s in Taiwan.
9B1B	鬛	髱	鬛	Does not	match the re	egional convention	s in Taiwan.
9EE3	黥	黣	黣	Does not	match the re	egional convention	s in Taiwan.
3526	勸	췘	췘				
3533	飢	飢	飢	Does not	match the re	egional convention	s in Taiwan.
38C5	矠	齎	鑙	Does not	match the re	egional convention	s in Taiwan.
3E12	垩	垩	垩				

418B	穐	龝	龝	
4298	糟	精	糟	Does not match the regional conventions in Taiwan.
44C1	等	等	等	Does not match the regional conventions in Taiwan.
450B	莎	莎	萩	Does not match the regional conventions in Taiwan.
45AB	蜉	蜉	蛘	
4610	硛	衂	쨄	The 3^{rd} stroke of \mathcal{D} seems to be unnatural.
468E	覩	覩	覩	The left part seems to be strange.
47B8	超	超	趏	
48A4	麱	秫	掰	Does not match the regional conventions in Taiwan.
4C2A	貔	貔	鵝	Does not match the regional conventions in Taiwan.
4D2C	麰	麰	麫	
4D2D	麨	麨	麥才	
20396	傑	傑	傑	
203B9	慶	慶	慶	
20624	凝	凝	凝氷	
20880	勤	勤	勤	
20A1D	恝	恝	舠	
20B4F	隻	隻	隻	
20B88	叡	叡	叡	No evidence as a 內政部戶政用字.
20EED	嵩	嵩	嵩	
20F7D	毁	設	段	
21193	掌	嘗	噹	The external part of the right part seems to be strange.

2128C	埪		坛	The right part seems to be strange.
2156B	夋	夋	夋	
215D3	大	大	太	
21838	嬋	嬋	婿	
2184B	婁	矍	要	
21946	野	野	班	Does not match the regional conventions in Taiwan.
21B46	蓴	夢	夢	
21CF7	履	履	履	Does not match the regional conventions in Taiwan.
21E46	븛	븛	毒	
222EF	廉	廉	顤	Does not match the regional conventions in Taiwan.
2232C	廾	廾	廾	
22429	頨	頨	璑	
227AA	惩	縖	縖	
22941	懲	篾	懲	
22D87	攚	攚	攚	
230CB	斵	斵	斵	
230EA	雱	雱	厫	
232A5	暖	暖	暖	
23329	昃	昃	昃	
2350E	楠	楠	楠	
236CB	辔	辔	辔	
23D5A	添	添	添	

23F7D	潸	潸	潸	Does not match the regional conventions in Taiwan.
2454B	営	灣	鄨	The external part seems to be strange.
24945	驯	驯	珊	The right part seems to be strange.
24964	寐	珠	珠	The right part seems to be strange. No evidence as a 內政部戶政用字.
24ACD	蹇	謇	鍪	
250BC	凡	<u></u>	盛	
2513D	漬	漬	貳	
25A0A	寢	寢	寢	Does not match the regional conventions in Taiwan.
25A50	竇	竇	竇	
25D02	篳	篳	篳	
25DEF	籍	籍	籍	
25E03	繁	穀	窾	
25E28	飛	刑	恶	
25F08	蓉	蓉	萃	
25F92	紂	紂	結	
25FDF	案	紫	紫	
261F6	繼	繼	縫	Does not match the regional conventions in Taiwan.
268F5	題	題	題	
269F3	쨞	쨞	쨞	
26AC1	癊	艪	艠	
26AC2	艠	艠	艠	
26C0B	莵	荊	莊	

26E5F	蕬	쵊	菰	Does not match the regional conventions in Taiwan.
272D9	蚫	蚫	蚫	
2826F	艘	艘	骋	
2844F	迎	辺	迎	
28651	遵	遵	賷	
2890F	袓	釆	釆	
2891D	番	番	柔	
289DB	鉄	鉡	鉡	
28B72	鑪	鑪	鑪	No evidence as a 內政部戶政用字.
28C81	舔	舔	縣	
28CDD	閨	閨	閨	
28F46	隥	隥	隥	
2908D	泵	汞	頭水	
292C8	松	踏	学 図	
296D3	飶	飶	飶	
2985A	艋	艋	艋	
29B0F	髾	髾	腎	
29B3D	鬃	鬃	鬃	
29C82	魍	躯	躯	
29CFA	鼬	醜	鹿	
2A1F7	辪	辪	鰶	
2A6C6	彰	<u></u>	敞	

2AE74	頒	隨	隨	Does not match the regional conventions in Taiwan.
2B0D3	膼	膼	緺	Does not match the regional conventions in Taiwan.

1.3 Corrected glyphs

The following 286 characters in the form are considered to be right in Unicode14.0. We will only give the glyphs without comments in the form below for reference.

Ucode	Glyph (5.2)	Glyph (14.0)	Ucode	Glyph (5.2)	Glyph (14.0)	Ucode	Glyph (5.2)	Glyph (14.0)
4E81	亁	亁	22A72	扟	抨	27DD5	敷	敷質
4EB4	亴	亴	22A74	扫	打	27E90	起	起
50C2	僂	僂	22B3D	押	押	28123	踆	躞
5142	先	兂	22B86	挥	押	28242	躬	騁
51F2	凲	凲	22C01	捜	摶	28316	輎	輎
5342	干	干	22C80	揔	攊	28319	輴	輸
5B0E	嬔	嬔	22FF9	糇	緞	283EC	輔	輔
5B14	嬔	嬔	23172	手	睛	28453	迟	起
5DD5	巕	巕	23227	睢	睢	284A0	紕	詸
6702	朂	朂	2327D	璃	离	284CB	逩	逩
67D7	柗	柗	23363	阴	朋	284EB	遼	瘗
688E	梍	梎	233F2	秉	秉	2855B	堻	逮
6A6E	橮	橮	23488	桯	桯	2857D		譴
6A77	橷	橷	2349A	東	棗	285CB	邀	趣
6AE3	櫣	櫣	23512	拥	棚	28639	邎	퉯
6BD0	毒	毐	23727	橩	榮	28659	遷	選
6F45	潅	潅	23758	權	權	286DE	鄢	氚

70E3	烣	灰	23765	梵	林 広	286FB	郵3	鄠
7188	熈	熈	2379B	艘	艐	2870B	割	割
722B	八	T	23917	龡	欽	28747	壓了	壓了
74BA	璽	璺	239E2	郊	郊	287B0	鲲	郶
7921	礴	硝	23CCA	浧	注	287B7	鄧	蝅(
83B9	莹	莹	23DBE	柒	柒	287B8	睉	題
8645	虅	虅	23DDA	桼	桼	2881E	剪	酶
868F	蚏	蚏	23FB0	漆	漆	28905	鷽	鷽
86A9	出	蚩	24005	濖	湝	28923	童	量
8954	襔	襔	2412A	潇	灇	28943	銧	針
8EED	軭	軭	24163	澶	澶	28944	金	金
348E	靡	靡	241DF	爲	爲	28AF4	鎼	鎼
352F	舀	舀	243BF	熹	熹	28B95	鐁	鐁
3536	童	童	2459A	簅	胮	28BBD	鑁	鑁
3563	占	台	24775	獲	獲	28CA2	堊	撻
3777	尋	尋	24776	對	對	28D6F	盟	闔
3780	柩	柩	2495B	琩	理	28DD5	闄	閿
3AC1	劉	斷	24AF4	知	规	28E80	善	箦
3CBA	汜	汜	24B88	魁	整	28ED4	隋	隋
3CFD	游	游	24C6D	畲	畲	28EEA	餕	鵔
3EAC	现	玑	24CB2	基	基	28F41	際	摩
3FEA	妣	肒	24D0B	鸋	察東	28F71	饶	饶

4013	肒	耽	24D1D	惠	蹇	28F74	性 際	禁
4039	脥	脥	24D2F	痥	痥	28F97	集	集
411C	褵	褵	24FD6	耚	耚	2903D	離	離
417B	稿	稱	25118	拿	貧	29072	鑑	雞
43A3	枞	拟	2521C	興	興	290AA	霄	弩
4430	滫	鵩	2524F	輎	翰	2914F	窶	罳
445A	訝	胡	25262	壁	眶	29167	蒙	靈
455D	藉	藉	2532A	賻	睓	2919F	艦	鱬
456B	夔	夔	2539C	新	矛小 冏天	291C0	鬞	鬞
4670	襰	襱	253A4	爨	矡	2929F	中中	中中
4693	霓	覼	253A5	癳	휋	29354	饕	巈
46BE	註	註	253F0	蒸	菜	2936B	蜒	蜒
48DF	野	磐	253F4	艇	午	29391	蠳	操
4963	鐜	豎	2546F	硽	砘	2940A	轞	轞
4D89	鰼	鼠印	254C1	磠	硇	29430	證	竣
2018C	喜	喜	2573D	禼	禼	29441	論	益為
20215	們	們	2573E	萬	离	29450	頌	澒
2030B	谻	谻	25741	選	邕	29453	澒	頑
2048C	芜	羌	25741	選	劉	294D3	頣	頣
20502	八	加	25744	嵜	選	29578	顲	顗
205C0	栆	栆	25745	閨	圉	2959C	颲	颬
209B5	零	零	25748	辔	蝌	2977C	餴	餴

20A38	灰	辰	2574B	阕	鰹	298E4	続	続
20A95	亷	亷	25754	秄	秄	299CA	贖	ٷ
20AF1	稅	舱	25905	穖	穢	29A7E	熩	熩
20B23	気	封	25922	炣	內	29ACE	嘉	亭名
20B37	爰	麦	25A4E	鬞	凝	29AEE	寧	寧年
20D51	喝	喝	25A84	游	端	29AF3	噩	贈
20DD2	晋	肾	25BA2	箬	筆	29B3C	鬘	影図
20F83	离	离	25C4F	篝	篝	29B4E	髣	髣
212F0	疣	紌	25CA1	窓	窓	29C52	巚	驀
2148D	聚	聚	25E7A	康	康	29CEE	晃	蒐
214D3	豎	聖	25F67	築祭	築	29D1E	魁	魑
215B8	兾	夤	260AF	終	終	29D8D	鯌	鮬
215FF			26116	縹	縒	29E81	鯗	鯗
2160B	夶	达	2642F	喜	置	29F3E	鮾	鰀
2161F	意	查	26487	是殳 习习	置殳 习习	29FC6	慧	慧
219BF	完	宍	26530	耷	耷	2A282	齠	鬙
219EC	宺	窯	2666A	肩	肩	2A31B	超	耜
21A34	寕	テ	26800	脈	脈	2A3CD	觵	腨
21BA7	榘	聚	26840	쨣	膝	2A4DD	追	髰
21D15	岩	莓	269C1	譽	譽	2A500	数	能 III
21D3F	妣	屼	26C00	菱	菱	2A52C	홣	홣
21D4E	加大	加	26D72	蒦	壹	2A538	鼦	起

21DE9	盉	盉	26DAB	葉	葉	2A579	鼬	鼬
21E7D	炫	燃	26DFB	附	钟 比 加 仪	2A582	題	題
22001	羰	鰀	26E29	草	草	2A5CC	齎	齎
22007	築	美	26F59	遵	蕸	2A604	选 四 七	版日
220B7	祫	祫	2712A	騚	顓	2A61F	监目 四七	炭目
221E6	庄	庄	27197	艺士 	武 図図 皿	2A650	荖齒	老齒
22368	業	葊	27501	重	重	2A6A8	鄞	
223B6	夷	ح	27555	重	重	2A739	栩	栩
2259A	忁	忁	27571	產	產	2A91E	遲	遲
225AC	忙	忙	2758B	噂	壚	2AAC9	彦	影
22755	思	恩	27664	褓	梁	2AD12	攨	榹
2292A	燧	燧	27B5F	誕	誕			
22936	慧	慇	27D92	鬒	戭			

2. Issues of Compatibility Ideographs

2.1 Characters mentioned in Chapter 1

There are two characters mentioned in chapter 1 with the issues of the corresponding compatibility ideographs.

Unicode	Comments
U+3AE4	U+3AE4 was 景 until Unicode5.2, and changed to 某 from Unicode6.0,
& U+2F8D1	which became the same as U+2F8D1.
U+4301 &	U+4301 was 繧 until Unicode5.2, and changed to 繧 from Unicode6.0,
U+2F96D	which became the same as U+2F96D.

3AE4 日 72.5	2F8D1 ☐ 72.5 TF-2B38 ≡ 3AE4 景 ~ 3AE4 FE00
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4301	7.313	ر نسم	८ना	2F96D 女 班 ※ 120.9
糸 120.9	緩	綏	褑	TF-5137
	GKX-0932.20	T4-4C44	K3-2F24	≡ 4301 纓
				~ 4301 FE00

We suggest TCA consider choosing one of the following two plans:

1.Fix the glyph of T6-3167 and T4-4C44 back to Unicode5.2(aka the 明體 glyph in CNS11643).

2.Keep the glyph on U+3AE4 and U+4301, and change the source references to TF-2B38 and TF-5137, meanwhile, change both the glyphs and the source references on U+2F8D1 and U+2F96D.

2.2 Other issues

As same as the characters with the source references HU-2XXXX or TU-2XXXX in the CJK Compatibility Ideographs Supplement block now, there are several other characters which can be moved away from this block and change to TU-2XXXX. See below.

below.	
U+2F82C	2F82C + 243 + +
	T3-2329
	→ 20984 卉 20984 ≡ 5349 卉 + 24.4
	~ 5349 FE00 GKX-0156.16 VN-20984
	Move T3-2329 to U+20984, and change the source reference on
	U+2F82C to TU-2F82C.
U+2F85B	2F85B <u>≠</u>
	± 33.8 存
	T6-5157
	→ 21533 走
	= 58F7 壷 ± 33.10 <u>占</u>
	~ 58F7 FE00 GHZ-10476.06
	Move T6-5157 to U+21533, and change the source reference on
II - 250.60	U+2F85B to TU-2F85B.
U+2F860	2F860 HL
	女 38.2 义L
	T6-2267
	→ 216A7 此 216A7 = 216A8 此 女 38.2
	~ 216A8 FE00 GKX-0254 24
	Move T6-2267 to U+216A7, and change the source reference on
	U+2F860 to TU-2F860.
U+2F89C	2F89C / :==
	7 60.9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	T3-3565
	→ 22505 棟 22505 /古
	= 5F9A 棟 1 60.8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	~ 5F9A FE00 GKX-0368.09

	Move T3-3565 to U+22505, and change the source reference on
	U+2F89C to TU-2F89C.
U+2F905	2F905 ♥Ħ
	水 85.7 /
	T6-3921
	→ 23D40 涅 23D40 涅 涅 涅 □
	~ 6D85 FE00 J4-6E5C H-9DD4
	Move T6-3921 to U+23D40, and change the source reference on
	U+2F905 to TU-2F905.
U+2F90E	2F90E 流
	水 85.8 / 年 년 T6-5E3E
	→ 23F1C淹 23F1C 次
	= 6DF9 淹 水 85.11 〈 PE
	~ 6DF9 FE00 GHZ-31720.06
	Move T6-5E3E to U+23F1C, and change the source reference on U+2F90E to TU-2F90E.
U+2F91C	2F91C 1/4/1
0 121 110	火 86.9 人長又
	TF-432F
	→ 242B3 煆 242B3 = 7145 煆 火 86.9 人口
	= /145 版 へ ^{60.8} ハ ス ~ 7145 FE00 GKX-0675.25
	Move TF-432F to U+242B3, and change the source reference on
	U+2F91C to TU-2F91C.
U+2F927	2F927 省
	大 94.10 分 具 T6-4B42
	→ 2AFC5 着 2AEC5 大会
	= 24814 狼
	~ 24814 FE00 GHC-1008.98
	Move T6-4B42 to U+2AEC5, and change the source reference on U+2F927 to TU-2F927.
U+2F935	2F935 =
	田 102.4
	т6-3279 24С36
	= 24C36 串 ^{田 102.4}
	Move T6-3279 to U+24C36, and change the source reference on
	U+2F935 to TU-2F935. (Note: the original T-source glyph on U+24C36
	was moved to U+24C53)
U+2F943	2F943 日市
	目 109.4 日八人
	T6-3331 → 2511A III 2511A 日
	= 25119 m = 109.4
	~ 25119 FE00 GKX-0803.11

	Move T6-3331 to U+2511A, and change the source reference on
	U+2F943 to TU-2F943.
U+2F94B	2F94B © 109.8 Tr-304A
	→ 25271 腌 25271 = 4046 腌 目 109.10
	Move T7-304A to U+25271, and change the source reference on
U+2F953	U+2F94B to TU-2F94B.
0+2F933	2F953 〒 113.5 T6-334A 25632 〒 7956 祖 〒 113.5
	~ 7956 FE01 GKX-0842.12
	Move T6-334A to U+25632, and change the source reference on U+2F953 to TU-2F953.
U+2F96E	2F96E 女 代 ※ 120.8 公田 T7-266A 31E7C 女 代
	= 7DC7 緇 糸 120.9 お田 ~ 7DC7 FE00 UTC-01162
	Move T7–266A to U+31E7C, and change the source reference on U+2F96E to TU-2F96E.
U+2F9B6	2F9B6 ^{走 141.12}
	→ 27205 號 27205 名長 = 8669 號 ^{柱 141.13} 小儿 ~ 8669 FE00 GKX-1076.02
	Move T3-5B26 to U+27205, and change the source reference on U+2F9B6 to TU-2F9B6.
U+2F9CB	見 147.21 世兄 T5-7A38
	→ 4695 觀 4695 □ 日 □ □
	Move T5-7A38 to U+4695, and change the source reference on U+2F9CB to TU-2F9CB.
U+2F9D6	2F9D6
	→ 25AD4 贛 25AD4 辛各 = 8D1B 贛 ^{立 117.19} 早貝 ~ 8D1B FE00 GHZ-80032.11
	Move T3-607C to U+25AD4, and change the source reference on U+2F9D6 to TU-2F9D6.

Also, we want to know if TCA could update the font in this block (also for U+5FF9 and ExtA+, because they were moved from this block) to a higher quality one.

Appendix. G-source issues mentioned above

For U+2633B and U+2714A, not only the T-source glyphs but also the G-source glyphs are wrong. The evidences in 康熙字典同文書局原版 was given above since the G-source references of the two characters are referred to GKX. We suggest China consider fixing the two glyphs to match the evidence.

(End of document)

Universal Multiple-Octet Coded Character Set UCS

ISO/IEC JTC1/SC2/IRGN2519 TCA Response

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Medium: Electronic

- 1. Thank you so much for your help in reviewing the T-source issues. We are starting to revise CNS 11643 standard (CNS 11643, Chinese standard interchange code) from 2020 with questionable glyphs and attributes. The relevant descriptions can be found in the TCA activity reports of the 56th and 57th IRG meetings (IRGN2459, IRGN2502).
- 2. After reading the IRGN2519 document in detail, TCA found that most of the questionable glyhps mentioned in the document were in the range of those raised by CMEX experts during the revision of CNS 11643 meeting. At this stage TCA will not respond to this document case by case, because all the characters need to do a lot of verification work and CMEX experts are still discussing the CNS 11643 revision and this document will also be in our discussion. After CNS 11643 finally confirms the revision, TCA will submit an update request to IRG as mentioned below.
- 3. The current CNS 11643 was announced in 2007, which is a change of glyphs from BMP to Truetype. The previous revision was more than 10 years, so the current revision is a huge project; CMEX takes a serious approach to this project, and when there are questionable in the glyphs, CMEX will check the original glyphs or the original dictionary one by one. The main participants in this revision include MOE, MOI the government agencies and literary scholars. Because of this, the progress of correction is not fast. If there are any modifications or additions, we will submit applications in stages and in a consolidated format to avoid confusion in the IRG due to fragmentation.

(End of document)