UCV/NUCV Update History

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IRG 40

UCV Changes

55,56

'颶颶' pairs are moved to 55 from 56. (IRG N1896)

372

Removed `䴙䴙' from exception. (IRG N1896)

NUCV Changes

409

new pairs 亶 vs. 亶. added. (IRG N1834)

UCV/NUCV Addition Proposal

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IRG 40

UCV Proposals

- Add 叟 vs. 殳.

Separation	沒没, 殴殴, 毆毆
Unification	JMJ-057920 殷, JMJ-057921 殼, JMJ-056916 役

Not-Unifiable Components

No.	Components	Analysis	Samples
163	臣 臥	**Unifications**	
		Separations	宦宧, 弭弼, 柢柧, 臣臥, 菎莒, 賾賾, 顊頤, 啀啞, 烅烏, 啀啞, 緊綮, 胭腃, 鼆鼜, 躋躋
264a	壴 壳	**Unifications**	58F3 士 33.4 壳 G0-3F47 H-96F2 T3-282D J1-385E K2-2B3E 293FB 韋 178.20 鼙 UCS2003 GHZ-74512.13 T5-7C22
		Separations	殼殼, 毅毀, 毅毅, 殼殼, 鷇鷇, 梡梡, 轂轂, 轂轂, 轂轂, 藪藪, 轂轂, 鷙鷙
294	厤 厤	**Unifications**	
		Separations	厤厤, 慦慦, 曆曆, 歷歷, 瀝瀝, 曆曆, 慦慦
		厤-only	
		厤-only	磿屧屋屧屒屒塓屋屧擪鑋曆臀屧磿鎥餮臀魘鷹灥
317	回 囲	**Unifications**	
		Separations	回囲, 廻迴, 蛔蛔, 饋饋
325	閒 間	**Unifications**	35F4 口 30.12 嚃 G5-3856 T4-492D J4-2442 K3-226F V0-3338
		Separations	僩僩, 嫻嫻, 憪憪, 搌搌, 櫕櫕, 澗澗, 熳熳, 癇癇, 矙矙, 碉碉, 簡簡, 綩綩, 蕑蕑, 襉襉, 覿覿, 譋譋, 鐗鐗, 閒閒, 鬍鬍, 鷳鷳, 嶜嶜, 礵礵, 躖躖, 釂釂, 鑝鑝, 鱎鱎, 闢闢
		間-only	壛嚪瑭糋矉蝸騜鼏
		閒-only	膆殥獳觸輖騆
333a	稟 稟	**Unifications**	4572 艸 140.16 薕 G3-6B52 T4-6436 K3-3131
		Separations	凜凜, 壈壈, 廩廩, 懍懍, 檁檁, 燣燣, 癝癝, 稟稟, 嚝嚝, 轑轑
		稟-only	
		稟-only	儜鼕鄆擃氣獯矙矘臏鑭霾矘鱢
343	卻 郤	**Unifications**	3B9D 木 75.9 榒 G3-4247 T4-4423 3B9D 木 75.9 榒 G3-4247 T4-4423 FAD2 木 75.9 KP1-4CE2 3B9D 木 75.9 榒 G3-4247 T4-4423 2F8E7 木 75.9 T5-3F71
		Separations	卻郤, 緷緷
382	冐 冒	**Unifications**	
		Separations	冐冒, 媢娟, 帽帽, 焆煝, 瑁琩, 艑艑, 氈氈, 湄湄, 惘惘, 楣楣, 韶韶
		冐-only	猒散髏翮膂韉
		冒-only	勖毷瞢蝐賵贈揯攓碭帽暵籣蕈褐錩鶝
399	侖 侖 侖	**Unifications**	7039 水 85.17 淪 G0-652E HB2-F465 T2-6933 J1-4935 K2-4344 2F913 水 85.17 TF-5556
		Separations	淪淪, 籥籥

400	帶 帶	**Unifications**	
		Separations	帶帶
401	奐 奐	**Unifications**	3AB1 文 67.9 GKX-0477.13 T3-414F 煥 25805 禾 115.9 UCS2003 GKX-0856.12 T5-482E 穐 259BA 穴 116.9 UCS2003 GKX-0867.03 T5-4832 窶
		Separations	喚喚, 奐奐, 窶寏, 愯悗, 換換, 渙渙, 煥煥, 瑍瑍, 瘓瘓, 媀媀
		奐-only	塙渙鱴嶮楟犗曉縯蟃鍊饒鰋衡腕
		奐-only	暎
402	网 罒	**Unifications**	4359 网 122.7 G3-5B26 T4-3F75 罼 4359 网 122.7 G3-5B26 T4-3F75 2F974 网 122.7 TF-3E32
		Separations	网罒, 罝罝, 罣罣, 罟罟, 罠罠, 罩罩, 罹罹, 罼罼, 罩罩, 罪罪, 罽罽, 罻罻, 置置, 罾罾, 署署, 罵罵, 罷罷, 罹罹, 厴厴, 罾罾, 罿罿, 羅羅, 羆羆, 詈詈, 買買, 矇矇, 罕罕, 罝罝, 眾眾, 罹罹, 麗麗, 网曲, 罔罒, 豈豈, 槩槩, 罃罃, 罟罟, 罿罿, 羈羈, 罼罼, 罽罽, 罹罹
		网-only	About 10
		罒-only	More than 300
403	火 灬	**Unifications**	3E02 火 86.13 GKX-0685.01 T7-3926 K3-2A46 燙
		Separations	煦嗅, 庶庱, 杰炙, 樵樵, 樵樵, 淡淡, 火灬, 灸灸, 烈裂, 烋煣, 焌烘, 君焜, 焚林, 聚聚, 焦隹, 然炙, 煎煎, 煮煮, 煦嗅, 照晷, 猷熤, 煲保, 熙熙, 熊熊, 熙熙, 熟熟, 熬熬, 熱熱, 熹熹, 燕燕, 黀黀, 盡盡, 魚夷, 羔羌, 蟅螏, 諟諛, 讌讒, 賣賣, 遮遼, 鑣鑣, 鷦鷦, 丕炁, 烑煣, 廮厩, 備僂, 雙雔, 鞪鞪, 蘸麷, 鷁鷁, 揄擩, 灸灸, 丞炁, 烝烝, 烈裂, 奕窯, 莫蒠, 熬熬, 髟髮, 熏霅, 燧隊, 覺奮, 煎瘨, 熒煞, 熨稿, 禍禦, 瀟瀆, 盛爨, 貓貙, 麶麶, 獫獩, 鼚鼜
404	艸 艹	**Unifications**	82B3 艸 140.4 G0-373C HB1-AADA T1-4F3D J0-4B27 K0-5B3B 2F994 艸 140.4 H3-8EFD
		Separations	艸艹, 晨農, 蓳蓳, 芔羿, 奘芙, 莧覓, 蒜糕
		艸-only	About 50
		艹-only	More than 3000
405	攵 攴	**Unifications**	3A81 攴 66.4 G3-467B T4-265E 攸 3A88 攴 66.6 G3-4721 T4-2D42 K3-2676 技 3A8C 攴 66.7 G5-4878 T4-3228 K3-2677 敵 3A8E 攴 66.7 G3-4722 T4-322C 敓 3A9C 攴 66.9 G5-4926 T4-3D5C K3-267E 敲

			3AA2 攴 66.10 敱: 敱 G3-4733, 敱 T5-462E 3AAC 攴 66.14 戳: 戳 G3-4739, 戳 T4-5B3A, 戳 K3-2728 23023 攴 66.16 𣀣: 𣀣 UCS2003, 𣀣 GKX-0476.21, 𣀣 T5-6C34
		Separations	攴攵, 攺攺, 敀敀, 敂敂, 敆敆, 敘敘, 敌敌, 敍敍, 敠敠, 敤敤, 敥敥, 敧敧, 敨敨, 敩敩, 敪敪, 敫敫, 敮敮, 敯敯, 數數, 敺敺, 敽敽, 敼敼, 斀斀, 斆斆, 斅斅, 枚枚, 炆炆, 牧牧, 玫玫, 條條, 致致, 變變, 斁斁, 敕敕, 弢弢, 敏敏, 敐敐, 敔敔, 敗敗, 敞敞, 敝敝, 敟敟, 敜敜, 汥汥, 敎敎, 敞敞, 岐岐, 技技, 䡛䡛, 妓妓, 效效, 祓祓, 敳敳, 敟敟, 敊敊, 敚敚, 敡敡, 敡敡, 敳敳, 敲敲, 敼敼, 敿敿, 斂斂, 斊斊, 斄斄, 斉斉, 敦敦, 敱敱, 敲敲, 敳敳, 敵敵, 整整, 斃斃, 斅斅, 斆斆, 斈斈, 斎斎, 斏斏, 斐斐, 斑斑, 斒斒, 斓斓, 斔斔, 斕斕, 斖斖, 斗斗, 斘斘, 料料, 斚斚, 斛斛, 斜斜, 斝斝, 斞斞, 斟斟, 斠斠, 斡斡, 斢斢, 斣斣, 斤斤, 斥斥, 斦斦, 斧斧, 斨斨, 斩斩, 斪斪, 斫斫
		攵-only	猤敔斀敢敵敹敎敞斃斄敹敹敕敳…(About 400)
		攴-only	敼敵斀敲斆敱敳敲斁斁斄斄斆斁…(About 200)
406	亀 龜	**Unifications**	8612 艸 140.17 蘒 GE-3B62 蘒 J1-5A29 FA20 艸 140.17 蘒 J4-7738 蘒 UTC-00929
		Separations	亀龜, 槣槼, 穐龝, 鬮鬮, 闟闟, 噛噛
		亀-only	竃縄蘒膸
		龜-only	鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇鼇 鼇鼇
409	䵂 䵃	**Unifications**	
		Separations	

Status Report of UCV Update (2013/05/23)

After IRG#38 (Gyeongju, ROK), the comments to update the UCV list were given by Korea and Hong Kong.

The comments by Korea are mainly the clarification of the terms and layout for the hardcopy users. Because UCV list was originally designed for the softcopy readers and its source data is not for the fixed layout document, the improvements for the layout issues will spend more time. Currently, followings are planned.

- MUI will be prepared for contents of IRG N1928
- Documents to describe HYDCD, JIS X 0213, SCS will be attached.
- For some characters in NUC, SuperCJK excerpt will be prepared.
- Attempt to insert page breaks between subsections.
- Attempt to put head lines to each page.
-

The comments by Hong Kong are mainly the detailed review to eliminate the confusing examples in the UCV list. The Hong Kong comments could be classified into 4 types;

A) Example should be shown by multicolumn chart
   The UCV list had ever printed with the CJK fonts installed on the technical editor's computer. Sometimes the glyph of the font was different from the referential glyphs in the UCS code chart. Considering that the latest UCS code chart is printed by the scalable fonts, Hong Kong proposed to update the examples by the images clipped from the latest UCS chart.

B) Confusing example should be removed.
   Some fonts or the images clipped from UCS code charts do not show the glyphic difference for the given UCV. Hong Kong proposed to remove such examples.

C) No unification example is shown.
   Some UCV rules have no examples of the unification although the exceptional disunification examples are shown. It is confusing and required to be updated.

D) UCV picture should be corrected or added.
   Some UCV pictures (showing the component shape, in the most left column in the list) are duplicated, or, different from the shape in the examples. They should be updated for the consistency.

All comments type A) are accepted and updated, because all examples are now shown by the images clipped from UCS code chart.

Most comments type B) are accepted and updated. However, several examples are arguable whether they are suitable or not, and kept as they were.

The dispositions to the comments type C) are classified into 2 types; one is no action because the unification rule is as a reversal of the "source code separation" in Annex S. Another is no action because the UCV is thought to be applied before the submission to IRG, in the internal of the member bodies. Of course, further investigations are needed to collect for latter cases.

All comments type D) are accepted and now being updated.

The current status summary is following:

status	proportions
Done	158/253 (〜62%)
No action	60/253 (〜24%)
Source code separation	29/253 (〜11%)
Work in progress	6/253 (〜 2%)

Following is a table to summarize the current status of the dispositions to the Hong Kong comments.

Cmt#	Date	UCV#	Comment Type	Status (2013/04/22, Thu)
1	2012/08/15	UCV#004	UCV Picture should be added.	Done
2	2012/08/15	UCV#005	UCV Picture should be added.	Done
3	2012/08/15	UCV#008	Example should be shown by multicolumn chart.	Done
4	2012/08/15	UCV#008	Example should be shown by multicolumn chart.	Done
5	2012/08/15	UCV#013	No unification example is shown.	Shown by Source Code Separation.
6	2012/08/15	UCV#015	No unification example is shown.	Shown by Source Code Separation.
7	2012/08/15	UCV#017	No unification example is shown.	Shown by Source Code Separation.
8	2012/08/15	UCV#018	UCV Picture should be corrected.	Done
9	2012/08/15	UCV#023	Example should be shown by multicolumn chart.	Done
10	2012/08/15	UCV#027a	Example should be shown by multicolumn chart.	Done
11	2012/08/15	UCV#027a	Example should be shown by multicolumn chart.	Done
12	2012/08/15	UCV#028	No unification example is shown.	Shown by Source Code Separation.
13	2012/08/15	UCV#030	Confusing example should be removed.	Done
14	2012/08/15	UCV#032	UCV Picture should be added.	Done
15	2012/08/15	UCV#032	Confusing example should be removed.	Shown by Source Code Separation.
16	2012/08/15	UCV#032	Example should be shown by multicolumn chart.	Done
17	2012/08/15	UCV#036	Confusing example should be removed.	No action yet.
18	2012/08/15	UCV#038	UCV Picture without example should be removed.	No action yet.
19	2012/08/15	UCV#039	Example should be shown by multicolumn chart.	Done
20	2012/08/15	UCV#041	No unification example is shown.	Shown by Source Code Separation.
21	2012/08/15	UCV#042	Example should be shown by multicolumn chart.	Done
22	2012/08/15	UCV#044	Example should be shown by multicolumn chart.	Done
23	2012/08/15	UCV#046	Example should be shown by multicolumn chart.	Done
24	2012/08/15	UCV#047	UCV Picture should be added.	Done
25	2012/08/15	UCV#048	UCV Picture should be added.	Done
26	2012/08/15	UCV#050	Confusing example should be removed.	Done
27	2012/08/15	UCV#051	No unification example is shown.	No action yet.
28	2012/08/15	UCV#053	Example should be replaced.	Done
29	2012/08/15	UCV#053	Confusing example should be removed.	Done
30	2012/08/15	UCV#053	UCV Picture should be added.	Done

31	2012/08/15	UCV#053	Example should be shown by multicolumn chart.	Done
32	2012/08/15	UCV#054	Confusing example should be removed.	Done
33	2012/08/15	UCV#055	Example should be moved to another UCV.	No action yet.
34	2012/08/15	UCV#055	Confusing example should be removed.	No action yet.
35	2012/08/15	UCV#055	Example should be shown by multicolumn chart.	Done
36	2012/08/15	UCV#055	UCV Picture should be added.	Done
37	2012/08/15	UCV#056	No unification example is shown.	No action yet.
38	2012/08/15	UCV#057	Confusing example should be removed.	Done
39	2012/08/15	UCV#057	Example should be shown by multicolumn chart.	Done
40	2012/08/15	UCV#060	UCV Picture should be added.	Done
41	2012/08/15	UCV#060	Confusing example should be removed.	Done
42	2012/08/15	UCV#063	Example should be shown by multicolumn chart.	Done
43	2012/08/15	UCV#063	No unification example is shown.	No action yet.
44	2012/08/15	UCV#066	No unification example is shown.	No action yet.
45	2012/08/15	UCV#067	Confusing example should be removed.	Done
46	2012/08/15	UCV#076	Confusing example should be removed.	Done
47	2012/08/15	UCV#076	No unification example is shown.	No action yet.
48	2012/08/15	UCV#079	No unification example is shown.	No action yet.
49	2012/08/15	UCV#085	No unification example is shown.	Shown by Source Code Separation.
50	2012/08/15	UCV#092	Confusing example should be removed.	Done
51	2012/08/15	UCV#093	Example should be shown by multicolumn chart.	Done
52	2012/08/15	UCV#096	Example should be added.	Done
53	2012/08/15	UCV#096	Confusing example should be removed.	Done
54	2012/08/15	UCV#096	Confusing example should be removed.	No action yet.
55	2012/08/15	UCV#096	Example should be shown by multicolumn chart.	Done
56	2012/08/15	UCV#098	UCV Picture should be added.	Done
57	2012/08/15	UCV#099	No unification example is shown.	No action yet.
58	2012/08/15	UCV#109	No unification example is shown.	No action yet.
59	2012/08/15	UCV#112	UCV Picture should be corrected.	Done
60	2012/08/15	UCV#112	UCV Picture should be added.	Work in progress.
61	2012/08/15	UCV#112	Example should be shown by multicolumn chart.	Done
62	2012/08/15	UCV#116	Confusing example should be removed.	Done
63	2012/08/15	UCV#117	UCV Picture should be added.	Work in progress.
64	2012/08/15	UCV#118	No unification example is shown.	Shown by Source Code Separation.

65	2012/08/15	UCV#119	Example should be shown by multicolumn chart.	Done
66	2012/08/15	UCV#121	Confusing example should be removed.	Done
67	2012/08/15	UCV#123	Example should be replaced.	Done
68	2012/08/15	UCV#126	Example should be added.	Done
69	2012/08/15	UCV#129	Example should be added.	Done
70	2012/08/15	UCV#130	Example should be added.	Done
71	2012/08/15	UCV#132a	Example should be added.	Done
72	2012/08/15	UCV#132a	Confusing example should be removed.	Done
73	2012/08/15	UCV#134	Confusing example should be removed.	No action yet.
74	2012/08/15	UCV#136	No unification example is shown.	No action yet.
75	2012/08/15	UCV#139a	Example should be added.	Done
76	2012/08/15	UCV#140	Confusing example should be removed.	Done
77	2012/08/15	UCV#140	Example should be shown by multicolumn chart.	Done
78	2012/08/15	UCV#145	Example should be added.	Done
79	2012/08/15	UCV#148	Confusing example should be removed.	Shown by Source Code Separation.
80	2012/08/15	UCV#152	Example should be shown by multicolumn chart.	Done
81	2012/08/15	UCV#153	UCV Picture should be added.	Done
82	2012/08/15	UCV#155	Example should be shown by multicolumn chart.	Done
83	2012/08/15	UCV#157	Example should be added.	Done
84	2012/08/15	UCV#159	Example should be added.	No action yet.
85	2012/08/15	UCV#161	No unification example is shown.	Shown by Source Code Separation.
86	2012/08/15	UCV#164	No unification example is shown.	Shown by Source Code Separation.
87	2012/08/15	UCV#165	No unification example is shown.	Shown by Source Code Separation.
88	2012/08/15	UCV#166	Example should be added.	Done
89	2012/08/15	UCV#167	No unification example is shown.	No action yet.
90	2012/08/15	UCV#168	Confusing example should be removed.	Done
91	2012/08/15	UCV#169	Example should be added.	Done
92	2012/08/15	UCV#171	No unification example is shown.	No action yet.
93	2012/08/15	UCV#172	Example should be shown by multicolumn chart.	Done
94	2012/08/15	UCV#173	UCV Picture should be corrected.	Done
95	2012/08/15	UCV#173	Example should be added.	Done
96	2012/08/15	UCV#174	Example should be shown by multicolumn chart.	Done
97	2012/08/15	UCV#175	Example should be added.	Done

98	2012/08/15	UCV#177	UCV Picture should be added.	Done
99	2012/08/15	UCV#177	UCV Picture without example should be removed.	Done
100	2012/08/15	UCV#177	Example should be shown by multicolumn chart.	Done
101	2012/08/15	UCV#179	Example should be shown by multicolumn chart.	Done
102	2012/08/15	UCV#180	Example should be shown by multicolumn chart.	Done
103	2012/08/15	UCV#181	UCV Picture should be corrected.	Done
104	2012/08/15	UCV#181	Example should be shown by multicolumn chart.	Done
105	2012/08/15	UCV#182	Example should be shown by multicolumn chart.	Done
106	2012/08/15	UCV#185	Confusing example should be removed.	Done
107	2012/08/15	UCV#186	Example should be shown by multicolumn chart.	Done
108	2012/08/15	UCV#187	UCV Picture should be added.	Done
109	2012/08/15	UCV#188	No unification example is shown.	No action yet.
110	2012/08/15	UCV#193	Single example is shown twice.	No action yet.
111	2012/08/15	UCV#193	Example should be added.	Done
112	2012/08/15	UCV#194	Confusing example should be removed.	Done
113	2012/08/15	UCV#194	Example should be shown by multicolumn chart.	Done
114	2012/08/15	UCV#197	UCV Picture should be added.	Done
115	2012/08/15	UCV#197	Example should be shown by multicolumn chart.	Done
116	2012/08/15	UCV#199	Confusing example should be removed.	No action yet.
117	2012/08/15	UCV#202	UCV Picture should be corrected.	No action yet.
118	2012/08/15	UCV#202a	Example should be shown by multicolumn chart.	Done
119	2012/08/15	UCV#203	Example should be shown by multicolumn chart.	Done
120	2012/08/15	UCV#204	Confusing example should be removed.	Work in progress.
121	2012/08/15	UCV#206	No unification example is shown.	No action yet.
122	2012/08/15	UCV#214	Example should be shown by multicolumn chart.	Done
123	2012/08/15	UCV#215	No unification example is shown.	No action yet.
124	2012/08/15	UCV#216	Confusing example should be removed.	Done
125	2012/08/15	UCV#217	No unification example is shown.	No action yet.
126	2012/08/15	UCV#218	Example should be shown by multicolumn chart.	Done
127	2012/08/15	UCV#220	No unification example is shown.	No action yet.
128	2012/08/15	UCV#222	UCV Picture should be added.	Done
129	2012/08/15	UCV#223	UCV Picture should be added.	Done
130	2012/08/15	UCV#224	UCV Picture should be added.	Done
131	2012/08/15	UCV#226	No unification example is shown.	No action yet.
132	2012/08/15	UCV#228	Example should be shown by multicolumn chart.	Done

133	2012/08/15	UCV#232	Example should be shown by multicolumn chart.	Done
134	2012/08/15	UCV#235	UCV Picture should be corrected.	Done
135	2012/08/15	UCV#239	Confusing example should be removed.	Done
136	2012/08/15	UCV#239	Single example is shown twice.	Done
137	2012/08/15	UCV#242	UCV Picture should be added.	Done
138	2012/08/15	UCV#242	Example should be shown by multicolumn chart.	Done
139	2012/08/15	UCV#243	Confusing example should be removed.	Done
140	2012/08/15	UCV#244	No unification example is shown.	No action yet.
141	2012/08/15	UCV#245	UCV Picture should be added.	Done
142	2012/08/15	UCV#246	UCV Picture should be added.	Done
143	2012/08/15	UCV#247	Example should be shown by multicolumn chart.	Done
144	2012/08/15	UCV#249	No unification example is shown.	Shown by Source Code Separation.
145	2012/08/15	UCV#250	Confusing example should be removed.	Done
146	2012/08/15	UCV#252	Confusing example should be removed.	Done
147	2012/08/15	UCV#252	Confusing example should be removed.	Done
148	2012/08/15	UCV#255	Example should be shown by multicolumn chart.	Done
149	2012/08/15	UCV#260	No unification example is shown.	Shown by Source Code Separation.
150	2012/08/15	UCV#267	No unification example is shown.	Shown by Source Code Separation.
151	2012/08/15	UCV#269	No unification example is shown.	No action yet.
152	2012/08/15	UCV#270	Example should be shown by multicolumn chart.	Done
153	2012/08/15	UCV#271	No unification example is shown.	Shown by Source Code Separation.
154	2012/08/15	UCV#272	Example should be shown by multicolumn chart.	Done
155	2012/08/15	UCV#276	UCV Picture should be added.	Done
156	2012/08/15	UCV#278	Confusing example should be removed.	Done
157	2012/08/15	UCV#279	UCV Picture should be added.	Done
158	2012/08/15	UCV#279	No unification example is shown.	No action yet.
159	2012/08/15	UCV#282	UCV Picture should be added.	Done
160	2012/08/15	UCV#285	No unification example is shown.	Shown by Source Code Separation.
161	2012/08/15	UCV#290	No unification example is shown.	Shown by Source Code Separation.
162	2012/08/15	UCV#291	UCV Picture should be added.	Done
163	2012/08/15	UCV#292	Example should be added.	Done
164	2012/08/15	UCV#293	No unification example is shown.	No action yet.

165	2012/08/15	UCV#298	No unification example is shown.	No action yet.
166	2012/08/15	UCV#298b	Example should be shown by multicolumn chart.	Done
167	2012/08/15	UCV#299	Example should be added.	Done
168	2012/08/15	UCV#302	Example should be shown by multicolumn chart.	Done
169	2012/08/15	UCV#303	No unification example is shown.	No action yet.
170	2012/08/15	UCV#313	Example should be shown by multicolumn chart.	Done
171	2012/08/15	UCV#315	Example should be shown by multicolumn chart.	Done
172	2012/08/15	UCV#318	Confusing example should be removed.	Shown by Source Code Separation.
173	2012/08/15	UCV#318	No unification example is shown.	Shown by Source Code Separation.
174	2012/08/15	UCV#319	Example should be shown by multicolumn chart.	Done
175	2012/08/15	UCV#320	Example should be shown by multicolumn chart.	Done
176	2012/08/15	UCV#322	No unification example is shown.	No action yet.
177	2012/08/15	UCV#324	UCV Picture should be added.	Done
178	2012/08/15	UCV#324	Example should be shown by multicolumn chart.	Done
179	2012/08/15	UCV#326	No unification example is shown.	Shown by Source Code Separation.
180	2012/08/15	UCV#329	UCV Picture should be corrected.	Done
181	2012/08/15	UCV#330	No unification example is shown.	Shown by Source Code Separation.
182	2012/08/15	UCV#331	No unification example is shown.	Shown by Source Code Separation.
183	2012/08/15	UCV#339	Single example is shown twice.	Done
184	2012/08/15	UCV#342	No unification example is shown.	No action yet.
185	2012/08/15	UCV#348	Confusing example should be removed.	Done
186	2012/08/15	UCV#348	Example should be shown by multicolumn chart.	Done
187	2012/08/15	UCV#349	UCV Picture without example should be removed.	No action yet.
188	2012/08/15	UCV#350	No unification example is shown.	No action yet.
189	2012/08/15	UCV#352a	No unification example is shown.	No action yet.
190	2012/08/15	UCV#353	No unification example is shown.	No action yet.
191	2012/08/15	UCV#354a	Example should be shown by multicolumn chart.	Done
192	2012/08/15	UCV#355	Example should be moved to another UCV.	Done
193	2012/08/15	UCV#355	UCV Picture should be added.	Done
194	2012/08/15	UCV#355	Example should be shown by multicolumn chart.	Done
195	2012/08/15	UCV#359	Confusing example should be removed.	Done
196	2012/08/15	UCV#360	UCV Picture without example should be removed.	No action yet.

197	2012/08/15	UCV#361	UCV Picture should be corrected.	Done
198	2012/08/15	UCV#362	Example should be shown by multicolumn chart.	Done
199	2012/08/15	UCV#363	No unification example is shown.	Shown by Source Code Separation.
200	2012/08/15	UCV#364	No unification example is shown.	No action yet.
201	2012/08/15	UCV#366	No unification example is shown.	No action yet.
202	2012/08/15	UCV#367	Confusing example should be removed.	Done
203	2012/08/15	UCV#367	No unification example is shown.	No action yet.
204	2012/08/15	UCV#372	Example should be shown by multicolumn chart.	Done
205	2012/08/15	UCV#372	Confusing example should be removed.	Done
206	2012/08/15	UCV#372	Example should be moved to another UCV.	Done
207	2012/08/15	UCV#372	Example should be shown by multicolumn chart.	Done
208	2012/08/15	UCV#373	Confusing example should be removed.	Done
209	2012/08/15	UCV#374	UCV Picture without example should be removed.	No action yet.
210	2012/08/15	UCV#381	No unification example is shown.	No action yet.
211	2012/08/15	UCV#383	No unification example is shown.	No action yet.
212	2012/08/15	UCV#384	Example should be shown by multicolumn chart.	Done
213	2012/08/15	UCV#386	No unification example is shown.	Shown by Source Code Separation.
214	2012/08/15	UCV#387	No unification example is shown.	Shown by Source Code Separation.
215	2012/08/15	UCV#391	No unification example is shown.	Shown by Source Code Separation.
216	2012/08/15	UCV#393	No unification example is shown.	Shown by Source Code Separation.
217	2012/08/15	UCV#397	Confusing example should be removed.	Done
218	2012/08/15	UCV#397	Example should be shown by multicolumn chart.	Done
219	2012/08/15	UCV#398	No unification example is shown.	No action yet.
220	2012/08/15	UCV#407	Confusing example should be removed.	Done
221	2012/08/15	UCV#407	Example should be shown by multicolumn chart.	Done
222	2012/08/15	UCV#408	No unification example is shown.	No action yet.
223	2012/11/08	UCV#027a	Example should be shown by multicolumn chart.	Done
224	2012/11/08	UCV#032	Example should be shown by multicolumn chart.	Done
225	2012/11/08	UCV#038	Confusing example should be removed.	No action yet.
226	2012/11/08	UCV#053	Example should be shown by multicolumn chart.	Done
227	2012/11/08	UCV#053	Example should be shown by multicolumn chart.	Done
228	2012/11/08	UCV#055	Confusing example should be removed.	Done

229	2012/11/08	UCV#056	Example should be moved to another UCV.	No action yet.
230	2012/11/08	UCV#060	Confusing example should be removed.	Done
231	2012/11/08	UCV#091	Example should be shown by multicolumn chart.	Done
232	2012/11/08	UCV#096	Example should be shown by multicolumn chart.	Done
233	2012/11/08	UCV#096	Confusing example should be removed.	Done
234	2012/11/08	UCV#096	Confusing example should be removed.	Done
235	2012/11/08	UCV#112	UCV Picture should be added.	Work in progress.
236	2012/11/08	UCV#117	UCV Picture should be added.	Work in progress.
237	2012/11/08	UCV#132a	Confusing example should be removed.	No action yet.
238	2012/11/08	UCV#148	Confusing example should be removed.	No action yet.
239	2012/11/08	UCV#194	Confusing example should be removed.	Done
240	2012/11/08	UCV#197	UCV Picture should be corrected.	Work in progress.
241	2012/11/08	UCV#197	Confusing example should be removed.	No action yet.
242	2012/11/08	UCV#199	Confusing example should be removed.	No action yet.
243	2012/11/08	UCV#204	Confusing example should be removed.	No action yet.
244	2012/11/08	UCV#206	Confusing example should be removed.	No action yet.
245	2012/11/08	UCV#223	Confusing example should be removed.	No action yet.
246	2012/11/08	UCV#252	Confusing example should be removed.	No action yet.
247	2012/11/08	UCV#252	Example should be added.	No action yet.
248	2012/11/08	UCV#299	Example should be added.	Done
249	2012/11/08	UCV#318	Confusing example should be removed.	Shown by Source Code Separation.
250	2012/11/08	UCV#331	Example should be added.	Done
251	2012/11/08	UCV#372	Example should be shown by multicolumn chart.	Done
252	2012/11/08	UCV#372	Confusing example should be removed.	Done
253	2012/11/08	UCV#407	Confusing example should be removed.	No action yet.

IRG#36, IRGN1775 CJK Editorial Group Report

The editorial group reviewed and confirmed the updates of IWDS, UCV and NUC.

The editorial group reviewed and discussed IRGN1766 and IRGN1777. The editorial group agreed to use “delta IWDSnn (e.g., delta IWDS36)” when updating IWDS. The editorial group agreed to use the term of “explanation” for recording glyph changes.

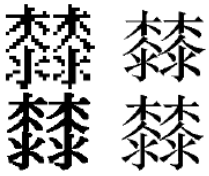
The item 4 of Japanese review report of CJK_B were reviewed and accepted, they should be added to the IWDS.

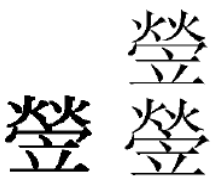
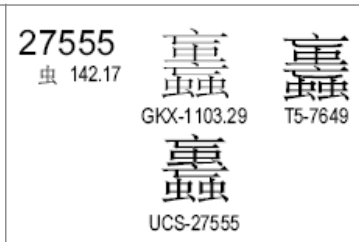
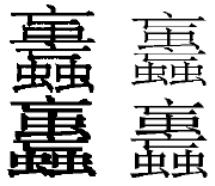
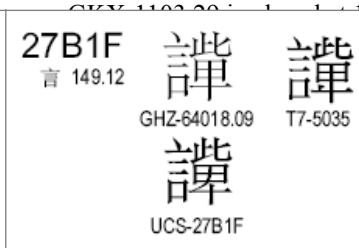
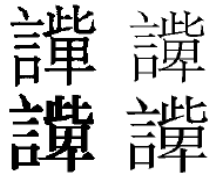
The editorial group also asks IRG to suggest WG2 to add a “corrigendum” to UCS for CJK glyph changes.

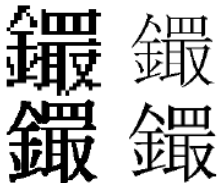
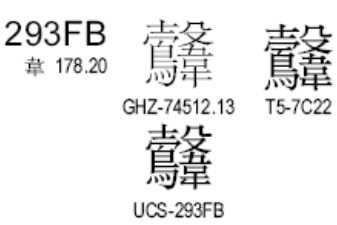
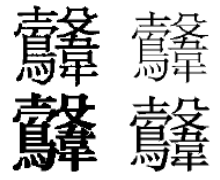
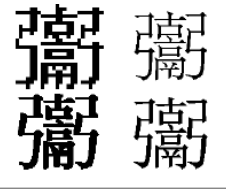
The followings (Page 1 to 4) are from “Japan review result on CJK B 2nd round (IRG N1748 chart), 2011-02-25 Source: Japan”

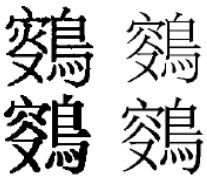
4. Corrigendum text (comments on IRG N1744)
Most texts in IRG N1744 only record conclusions of IRG discussion like "xxx is preferred although it is different from xxx" or "xxx remain unchanged". However, Japan expects text should record like "this is not correct regarding the unification rule" or "why this standard keeps this wrong shape" or such explanations so that people who doesn't know the IRG discussion will understand the wrong situations.

On this viewpoint Japan proposes alternate text as below.

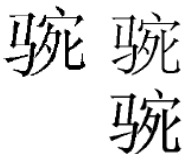
Unicode	UCS 2003 Glyph	IRG N1707 Glyph	SuperCJK Glyph
2382C	UCS-2382C	2382C 木 75.18 TF-6951 UCS-2382C	
The current glyph (i.e. T-glyph) is preferred, although it is different from the UCS glyph. → TF-6951 was mistakenly unified to U+2382C at the first edition of CJK UNIFIED IDEOGR EXTENSION B. TF-6951 of ISO/IEC10646 keeps this shape for the consistency to the CNS st although these two glyph shapes cannot be unified.			
23EE4	UCS-23EE4	23EE4 水 85.11 GKX-0648.09 T7-243F UCS-23EE4	

Unicode	UCS 2003 Glyph	IRG N1707 Glyph	SuperCJK Glyph
The current glyphs (i.e. G-glyph and T-glyph) remain unchanged. This is a case of mis-unifica SuperCJK. → T7-243F was mistakenly unified to U+23EE4 at the first edition of CJK UNIFIED IDEOGR EXTENSION B. T7-243F of ISO/IEC10646 keeps this shape for the consistency to the CNS st although these two glyph shapes cannot be unified. [Note] GKX-0648.09 can be unified to U+23EE4 although it has slight difference from KangXi dic shape.			
24369			
The current glyph (i.e. T-glyph) is preferred, although it is different from the UCS glyph. → Because of mis-unification in Super CJK, UCS glyph was designed differently (one dot more TF-5024. To keep consistency multicolumn code chart keeps original UCS shape.			
27555			
The current G-glyph remains unchanged, although it is different from the UCS glyph. → Because of mis-unification in Super CJK, UCS glyph was designed differently (one dot more) from Kangxi dictionary shape. To keep consistency multicolumn code chart keeps original UCS shape.			
27B1F			
The current G-glyph remains unchanged because it is a correct glyph. → GHZ-65018.09 was mistakenly unified to U+27B1F at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. GHZ-65018.09 of ISO/IEC10646 keeps this shape for the consistency of source mapping although these two glyph shapes cannot be unified.			
27D41			
The current glyph (i.e. T-glyph) remains unchanged. It is noted that the UCS glyph is wrong. → Because of mis-unification in Super CJK, UCS glyph was designed differently from TF-385F. To keep consistency multicolumn code chart keeps orginal UCS shape.			

Unicode	UCS 2003 Glyph	IRG N1707 Glyph	SuperCJK Glyph
28B75			
The current glyph (i.e. T-glyph) is preferred, although it is different from the UCS glyph. → Shape of TF-686D in CNS standard has been changed after the first edition of CJK UN IDEOGRAPHS EXTENSION B was published, so TF-686D needs to keep this shape although it car unified to U+28B75.			
293FB			
The current T-glyph remains unchanged, although it is different from the UCS glyph (i.e. unified). Yet an exception to the unification rules. → Shape of T5-7C22 in CNS standard has been changed after the first edition of CJK UN IDEOGRAPHS EXTENSION B was published, so T5-7C22 needs to keep this shape although it car unified to U+293FB. [Comment] IRG didn't agree to discuss about modifying unification rule. So this is not an "exception" rule.			
29450			
The current glyphs (i.e. G-glyph and T-glyph) are preferred, although they are different from the UCS (i.e. unified). It is noted that the UCS glyph is the glyph shown in the *Kangxi Dictionary*. → GKX-1399.08 has different shape from Kangxi Dictionary. Both GKX-1399.08 and T5-3D4A unified to U+29450. [Comment] This note is not necessary because this is a case of issue 2 of 4.3 in IRG N1745.			
29C52			
The current glyph (i.e. T-glyph) is preferred, although it is different from the UCS glyph (i.e. unified). → Shape of T7-5666 in CNS standard has been changed after the first edition of CJK UN IDEOGRAPHS EXTENSION B was published, so T7-5666 needs to keep this shape although it car unified to U+29C52.			

Unicode	UCS 2003 Glyph	IRG N1707 Glyph	SuperCJK Glyph
2A0B8	UCS-2A0B8	2A0B8 鳥 196.9 GKX-1494.15 T7-523A UCS-2A0B8	
TCA prefers to keep its current glyph and the G-glyph and T-glyph are thus unified. Yet TCA will check with its experts. → Shape of T7-523A in CNS standard has been changed after the first edition of CJK UN IDEOGRAPHS EXTENSION B was published, so T7-523A needs to keep this shape although it car unified to U+2A0B8. [Comment] Glyph difference of G is a popular pattern of unification but T is not, however TCA w keep this shape. So IRG concluded to make note for this situation. If TCA needs further study, IRG has to discuss at the next meeting.			

One more note should be added (cf. 2.2(h))

299FB	299FB	299FB 马 187'.8 GCH UCS-299FB	
Shape of GCH has been changed after the first edition of CJK UNIFIED IDEOGRAPHS EXTENS was published, so G-glyph for U+299FB needs to keep this shape although it cannot be unified original UCS shape.			

IRG#37, IRGN1837ErrataReportIRG37

Summary:
This document drafted notes for CJK B multicolumn code table for 3rd edition that are confirmed as unification errors and needs explanations. This document also listed additions to IRG UCS/ NUCV list.
Part1 is draft notes for corrigendum notes that should be submitted to WG2 for IRG.
Part2 shows list adding to UCV (Unifiable Component Variations) list.
Part3 shows list adding to NUCV (Non-Unifiable Component Variations) list

See Page 6 to 19 for IRGN 1837.

Title: CJK B error report to WG2
Source: IRG editorial group
Meeting: IRG#37
Date: 2011-11-10

Summary:
This document drafted notes for CJK B multicolumn code table for 3rd edition that are confirmed as unification errors and needs explanations. This document also listed additions to IRG UCS/NUCV list.

Part1 is draft notes for corrigendum notes that should be submitted to WG2 for IRG.
Part2 shows list adding to UCV (Unifiable Component Variations) list.
Part3 shows list adding to NUCV (Non-Unifiable Component Variations) list

Part1: Draft text for corrigendum notes
CJK Editorial group has confirmed several mis-unifications or glyph errors in ISO/IEC10646:2003. To avoid misunderstanding of unification rule by users of ISO/IEC 10646 future edition, IRG concluded to submit draft corrigendum text to WG2. Pictures are for the confirmation and not a part of corrigendum text.
Note that 12 more texts in IRG N1775 (CJK Editorial group report at IRG#36)

u+2351	235F1	235F1 木 75.10 UCS2003 V0-354D	wrong gl	J: This is postponed at IRG #36 however they cannot be unified. G: 梨 and 梩 not unifiable, need V glyph	IRG N1775 tabl
No change. UCS2003 is incorrect. It is a unification error					

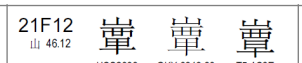
V0-354d was mistakenly unified to u+235f1 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. IRG concluded that V0-354d of ISO/IEC 10646 keeps this shape for the consistency to the TCVN5773 although these glyphs are not able to be unified.

u+2 99	還 28599	28599	unificatic	J: This is concluded at IR to change back to UCS200 H: The V-glyph has been the new glyph has one add G: An extra stroke been ac to UCS font, unifiable? K: non-unifiable shape	IRG N1792/IRC table 1
No change. Make a note to corrigenda as a unification error.					

V4-5565 was mistakenly unified to u+28599 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. IRG concluded that V4-5644 of ISO/IEC 10646 keeps this mapping for the consistency with the V4 source although these glyphs are not able to be unified.

U+20 5	T	20885	glyph not revised	I R G N table4-2.1	
T-glyph can be unified to U+2088D. But we would not change the map. It is a					

T5-3669 was mistakenly unified to u+20885 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. IRG concluded that IRG concluded that T5-3669 should be mapped to u+2088d by means of unification rule and this mapping is err. However, IRG concluded that T5-3669 of ISO/IEC 10646 keeps this mapping for the consistency with CNS standard.

U+21 2	T	21F12 	J: T source should be re new character as expla N1793. K: T glyph is the same	I R G N table4-2.2(c)	
Move T-source from U+21F12 to U+21F2C. Record U-glyph of U+21F2C is w					

T5-4C6E was mistakenly unified to u+20885 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. IRG concluded to ask WG2 moving T5-4C6E source to map to u+21f2c.

U+2 8A	V	24A8A	J: glyph not revised H: The V-glyph has 12 13 as in the UCS2003 g	I R G N table4-2.2(f)	
No change. UCS is wrong. It is a unification error					

Shape of u+2a48a was wrong in ISO/IEC10646:2003. Although correct shape of V2-7C66 cannot be unified to the current shape in ISO/IEC10646:2003, IRG concluded to keep this mapping because of the consistency.

U+245	V	24F15 104.18 癵 UCS2003 癵 V2-7D5A	J: glyph not revised G: A stroke is missing Already menti IRGN1775_A4 (J comr K: wrong glyph	IRG N table4-2.2(f)	
No change. UCS is wrong. It is a unification error					

Shape of u+24f15 was wrong in ISO/IEC10646:2003. Although correct shape of V2-7D5A cannot be unified to the current shape in ISO/IEC10646:2003, IRG concluded to keep this mapping because of the consistency.

U+259	V	25089 108.10 蜫 UCS2003 蜫 V2-7D6B	glyph not revised	IRG N table4-2.2(f)	
No change. UCS is wrong. It is a unification error.					

Shape of u+25089 was wrong in ISO/IEC10646:2003. Although correct shape of V2-7D68 cannot be unified to the current shape in ISO/IEC10646:2003, IRG concluded to keep this mapping because of the consistency.

U+2A C0	G	2A6C0 213.8 龜 UCS2003 龜 GKX-1538.20 龜 T5-7B5E	glyph not revised	IRG N table4-3	
No change and add a note to corrigenda as Unification error.					

GKX-1538.20 was mistakenly unified to u+2a6c0 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. V4-5644 of ISO/IEC 10646 keeps this shape for the consistency to the GKX source although these glyphs are not able to be unified.

2293	慤 UCS2003	慤 UCS2003 慤 GKX-0408.28 慤 T5-6777	Unificat	The T-glyph is diff the *KX Dictionary* gl	
No change. Add a note to corrigenda as a unification error					

T5-6777 was mistakenly unified to u+22936 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. T5-6777 of ISO/IEC 10646 keeps this shape for the consistency to the CNS standard although these glyphs are not able to be unified.

2832	UCS2003	UCS2003 GKX-1244.18 T6-632A		Unificat	The T-glyph is diff the *KX Dictionary* gl	
No change and add a note to corrigenda as a unification error.						

T6-632A was mistakenly unified to u+22936 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. T6-632A of ISO/IEC 10646 keeps this shape for the consistency to the CNS standard although these glyphs are not able to be unified.

22BA	UCS2003	GKX-0440.17	Wrong glyp	Difference in the top glyph	G
No change and add a note to corrigenda as a unification error.					

GKX-0440.17 was mistakenly unified to u+22BA3 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. GKX-0440.17 of ISO/IEC 10646 keeps this shape for the consistency to the GKX source although these glyphs are not able to be unified.

230 23	UCS2003	T5-6C34	Wrong glyp	Difference in the right of the glyph	T
No change and add a note to corrigenda as a unification error.					

T5-6C34 was mistakenly unified to u+23023 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. T5-6C34 of ISO/IEC 10646 keeps this shape for the consistency to the CNS standard although these glyphs are not able to be unified.

2422	UCS2003	GKX-0672.02	Wrong glyp	The bottom difference	G
No change and add a note to corrigenda as a unification error.					

GKX-0672.02 was mistakenly unified to u+23023 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. GKX-0672.02 of ISO/IEC 10646 keeps this shape for the consistency to the GKX source although these glyphs are not able to be unified.

Part2: List of additions to IRG UCV list

Listed below are to be added to UCV list as unification examples.

U+27F5	GT	27DF5 貝 154.11 UCS2003 GHZ-63657.03 T7-4350	glyph not revised	I R G table4-3	N	
No change. Add a note on UCV examples.						
U+2944	GT	29EF4 魚 195.12 UCS2003 GHZ-74714.09 T7-5D7D	glyph not revised	I R G table4-3	N	
No change. Add a note to UCV examples.						

2148D	2148D 土 32.14 UCS2003 GKX-0241.09 T7-373F	Wro gly				
No change. Note this and find more cases for the unification of those						
270D2	270D2 艸 140.17 UCS2003 GKX-1069.21 T7-5466 H-8754	Wrong glyph				
No change. Note to find more examples to unify them.						
29D5C	29D5C 魚 195.3 UCS2003 V0-4822	Wro gly				
No change. Add note to UCV.						

Part3: List of additions to IRG NUCV list

Listed below are to be added to NUCV list as wrong unification examples.

U+26F	T	2642F 羽 124.6 UCS2003 GKX-0957.05 T6-4D30	glyph not revised	I R G table4-2.2(c)	N
No change. Add a note to wrong unification examples.					
U+2677	T	26487 羽 124.11 UCS2003 GKX-0959.18 T7-4871	glyph not revised	I R G table4-2.2(c)	N
No change. Add a note to Annex S that 2649B should be unified to 2649E.					
U+2700	T	270F0 艸 140.17 UCS2003 GKX-1070.32 T7-5876	glyph not revised	I R G table4-2.2(c)	N

No change. Add a note to wrong unification examples.						
U+2DF	T	274DF 虫 142.14 UCS2003 GKX-1101.17 T7-5477	glyph not revised	I R G N table4-2.2(c)		
No change. Add a note to wrong unification examples.						

29C	UCS-29C9B	29C9B 鬼 194.4 UCS2003 GHZ-74428.16 T6-646C	Unifica Font d					
China to keep the current glyph. T to change back→T-glyph has been changed								

22D15	22D15 手 64.11 UCS2003 V2-7753	Unification						
V-glyph not change and stroke count should be changed. Add a note to								
24858	24858 犬 94.11 UCS2003 GHZ-21366.09 T6-5E6A	Wro gly						
No change. Add a note to exception.								
26B3D	26B3D 艸 140.5 UCS2003 GKX-1025.08 T6-343B	Wrong						
No change. Add a note to exption.								

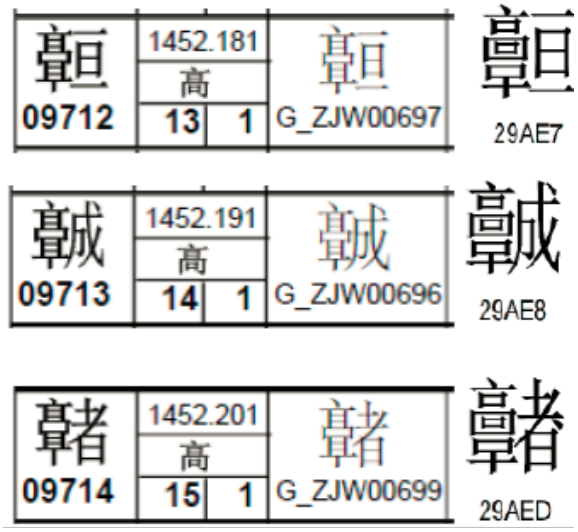
(End of Document)

IRG#38, IRGN1864 CJK Editorial Group Report of CJK_E

The editorial meeting decided to add NUC examples as below:

亹 UCS2003	亹
U+29ACF	CJK_Ev7 09702

Examples are:



IRG#39, IRGN1896 CJK Editorial Group Report

6. Review of IWDS

References:

- IRGN1918 IWDS
- IRGN1839 IWDS
  - ➢ ROK comments on IWDS_summary
  - ➢ HK comments to UCV list

The editorial group accepted ROK and HK comments on IRGN1839. The editorial group asked Mr. Taichi Kawabata to update the IWDS_summary and all UCV lists to reflect these comments.

The editorial group asked Mr. Taichi Kawabata to use images for the ideographic characters rather than fonts in the lists of UCV and NUC to avoid wrong showing. The editorial group asked Mr. Taichi Kawabata to mark the updated items for better tracking.

Reminder: Some comments (such as #56, #299, #318, #372, or more) from HK is not reflected or not reflected well in the latest UCV list. Some appropriate examples are not found.

To reduce the size of this file, please browse http://appsrv.cse.cuhk.edu.hk/~irg/irg/irg39/IRG39.htm for the HK comments, dated 2012-08-15 and 2012-11-08, and ROK comments, under the entry of IRGN1839.

IRG#36, IRGN1775 CJK Editorial Group Report

The editorial group reviewed and confirmed the updates of IWDS, UCV and NUC.

The editorial group reviewed and discussed IRGN1766 and IRGN1777. The editorial group agreed to use “delta IWDSnn (e.g., delta IWDS36)” when updating IWDS. The editorial group agreed to use the term of “explanation” for recording glyph changes.

The item 4 of Japanese review report of CJK_B were reviewed and accepted, they should be added to the IWDS.

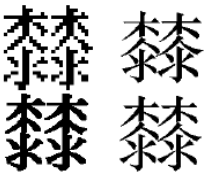
The editorial group also asks IRG to suggest WG2 to add a “corrigendum” to UCS for CJK glyph changes.

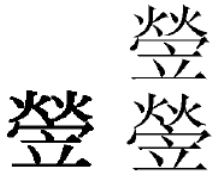
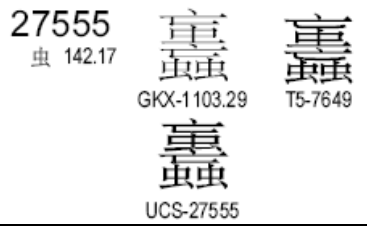
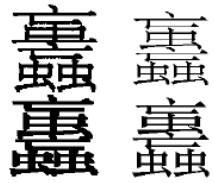
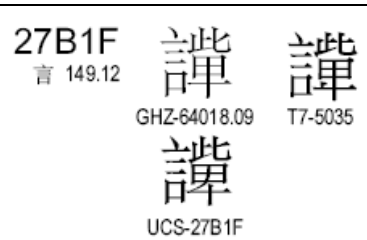
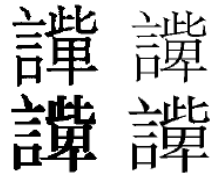
The followings (Page 1 to 4) are from “Japan review result on CJK B 2nd round (IRG N1748 chart), 2011-02-25 Source: Japan”

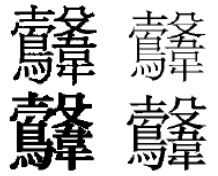
4. Corrigendum text (comments on IRG N1744)

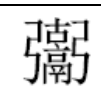
Most texts in IRG N1744 only record conclusions of IRG discussion like "xxx is preferred although it is different from xxx" or "xxx remain unchanged". However, Japan expects text should record like "this is not correct regarding the unification rule" or "why this standard keeps this wrong shape" or such explanations so that people who doesn't know the IRG discussion will understand the wrong situations.

On this viewpoint Japan proposes alternate text as below.

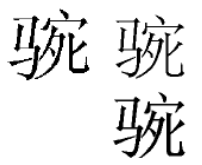
Unicode	UCS 2003 Glyph	IRG N1707 Glyph	SuperCJK Glyph
2382C	UCS-2382C	2382C 木 75.18 TF-6951 UCS-2382C	
The current glyph (i.e. T-glyph) is preferred, although it is different from the UCS glyph. → TF-6951 was mistakenly unified to U+2382C at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. TF-6951 of ISO/IEC10646 keeps this shape for the consistency to the CNS standard although these two glyph shapes cannot be unified.			

Unicode	UCS 2003 Glyph	IRG N1707 Glyph	SuperCJK Glyph
23EE4			
The current glyphs (i.e. G-glyph and T-glyph) remain unchanged. This is a case of mis-unification in SuperCJK. → T7-243F was mistakenly unified to U+23EE4 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. T7-243F of ISO/IEC10646 keeps this shape for the consistency to the CNS standard although these two glyph shapes cannot be unified. [Note] GKX-0648.09 can be unified to U+23EE4 although it has slight difference from KangXi dictionary shape.			
24369			
The current glyph (i.e. T-glyph) is preferred, although it is different from the UCS glyph. → Because of mis-unification in Super CJK, UCS glyph was designed differently (one dot more) from TF-5024. To keep consistency multicolumn code chart keeps original UCS shape.			
27555			
The current G-glyph remains unchanged, although it is different from the UCS glyph. → Because of mis-unification in Super CJK, UCS glyph was designed differently (one dot more) from Kangxi dictionary shape. To keep consistency multicolumn code chart keeps original UCS shape. [Note] UCS shape is wrong because GKX-1103.29 is placed at 17 strokes place in Kangxi dictionary.			
27B1F			
The current G-glyph remains unchanged because it is a correct glyph. → GHZ-65018.09 was mistakenly unified to U+27B1F at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. GHZ-65018.09 of ISO/IEC10646 keeps this shape for the consistency of source mapping although these two glyph shapes cannot be unified.			

Unicode	UCS 2003 Glyph	IRG N1707 Glyph	SuperCJK Glyph
27D41			
The current glyph (i.e. T-glyph) remains unchanged. It is noted that the UCS glyph is wrong. → Because of mis-unification in Super CJK, UCS glyph was designed differently from TF-385F. To keep consistency multicolumn code chart keeps orginal UCS shape.			
28B75			
The current glyph (i.e. T-glyph) is preferred, although it is different from the UCS glyph. → Shape of TF-686D in CNS standard has been changed after the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B was published, so TF-686D needs to keep this shape although it cannot be unified to U+28B75.			
293FB			
The current T-glyph remains unchanged, although it is different from the UCS glyph (i.e. unified). Yet this is an exception to the unification rules. → Shape of T5-7C22 in CNS standard has been changed after the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B was published, so T5-7C22 needs to keep this shape although it cannot be unified to U+293FB. [Comment] IRG didn't agree to discuss about modifying unification rule. So this is not an "exception" of the rule.			
29450			
The current glyphs (i.e. G-glyph and T-glyph) are preferred, although they are different from the UCS glyph (i.e. unified). It is noted that the UCS glyph is the glyph shown in the *Kangxi Dictionary*. → GKX-1399.08 has different shape from Kangxi Dictionary. Both GKX-1399.08 and T5-3D4A can be unified to U+29450. [Comment] This note is not necessary because this is a case of issue 2 of 4.3 in IRG N1745.			

Unicode	UCS 2003 Glyph	IRG N1707 Glyph	SuperCJK Glyph
29C52	UCS-29C52	29C52 鬲 193.12 T7-5666  UCS-29C52	
The current glyph (i.e. T-glyph) is preferred, although it is different from the UCS glyph (i.e. unified). → Shape of T7-5666 in CNS standard has been changed after the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B was published, so T7-5666 needs to keep this shape although it cannot be unified to U+29C52.			
2A0B8	UCS-2A0B8	2A0B8 鳥 196.9 GKX-1494.15 T7-523A UCS-2A0B8	
TCA prefers to keep its current glyph and the G-glyph and T-glyph are thus unified. Yet TCA will further check with its experts. → Shape of T7-523A in CNS standard has been changed after the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B was published, so T7-523A needs to keep this shape although it cannot be unified to U+2A0B8. [Comment] Glyph difference of G is a popular pattern of unification but T is not, however TCA wants to keep this shape. So IRG concluded to make note for this situation. If TCA needs further study, IRG has better to discuss at the next meeting.			

One more note should be added (cf. 2.2(h))

299FB	299FB	299FB 马 187.8 GCH UCS-299FB	
Shape of GCH has been changed after the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B was published, so G-glyph for U+299FB needs to keep this shape although it cannot be unified to the original UCS shape.			

IRG#37, IRGN1837ErrataReportIRG37

Summary:
This document drafted notes for CJK B multicolumn code table for 3rd edition that are confirmed as unification errors and needs explanations. This document also listed additions to IRG UCS/NUCV list.
Part1 is draft notes for corrigendum notes that should be submitted to WG2 for IRG.
Part2 shows list adding to UCV (Unifiable Component Variations) list.
Part3 shows list adding to NUCV (Non-Unifiable Component Variations) list

See Page 6 to 19 for IRGN 1837.

Title: CJK B error report to WG2

Source: IRG editorial group

Meeting: IRG#37

Date: 2011-11-10

Summary:

This document drafted notes for CJK B multicolumn code table for 3rd edition that are confirmed as unification errors and needs explanations. This document also listed additions to IRG UCS/NUCV list.

Part1 is draft notes for corrigendum notes that should be submitted to WG2 for IRG.

Part2 shows list adding to UCV (Unifiable Component Variations) list.

Part3 shows list adding to NUCV (Non-Unifiable Component Variations) list

Part1: Draft text for corrigendum notes

CJK Editorial group has confirmed several mis-unifications or glyph errors in ISO/IEC10646:2003. To avoid misunderstanding of unification rule by users of ISO/IEC 10646 future edition, IRG concluded to submit draft corrigendum text to WG2. Pictures are for the confirmation and not a part of corrigendum text.

Note that 12 more texts in IRG N1775 (CJK Editorial group report at IRG#36)

u+235 f1	 235F1	235F1 木 75.10 UCS2003 V0-354D	wrong glyph	J: This is postponed at IRG #36 however they cannot be unified. G: and not unifiable, need V glyph to change back.. K: V glyph wrong, an extra 人 is added.	IRG N1775 table 3
No change. UCS2003 is incorrect. It is a unification error					

V0-354d was mistakenly unified to u+235f1 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. IRG concluded that V0-354d of ISO/IEC 10646 keeps this shape for the consistency to the TCVN5773 although these glyphs are not able to be unified.

u+28599	28599	28599 辶 162.11 UCS2003 T5-516D V4-5565	unification	J: This is concluded at IRG #36 that V to change back to UCS2003 shape. H: The V-glyph has been modified, but the new glyph has one additional stroke. G: An extra stroke been added compares to UCS font, unifiable? K: non-unifiable shape	IRG N1792/IRG N1775 table 1
No change. Make a note to corrigenda as a unification error.					

V4-5565 was mistakenly unified to u+28599 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. IRG concluded that V4-5644 of ISO/IEC 10646 keeps this mapping for the consistency with the V4 source although these glyphs are not able to be unified.

U+20885	T	20885 力 19.10 UCS2003 GKX-0148.26 T5-3669	glyph not revised	IRG N1775 table4-2.1	
T-glyph can be unified to U+2088D. But we would not change the map. It is a mapping error.					

T5-3669 was mistakenly unified to u+20885 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. IRG concluded that IRG concluded that T5-3669 should be mapped to u+2088d by means of unification rule and this mapping is err. However, IRG concluded that T5-3669 of ISO/IEC 10646 keeps this mapping for the consistency with CNS standard.

U+21F12	T	21F12 山 46.12 UCS2003 GKX-0319.30 T5-4C6E	J: T source should be removed for a new character as explained in IRG	IRG N1775 table4-2.2(c)	

			N1793. K: T glyph is the same as 21F2C		
Move T-source from U+21F12 to U+21F2C. Record U-glyph of U+21F2C is wrong. It is a mapping error.					

T5-4C6E was mistakenly unified to u+20885 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. IRG concluded to ask WG2 moving T5-4C6E source to map to u+21f2c.

U+24A 8A	V	24A8A 玉 96.13 UCS2003 V2-7C66	J: glyph not revised H: The V-glyph has 12 strokes, not 13 as in the UCS2003 glyph.	IRG N1775 table4-2.2(f)	
No change. UCS is wrong. It is a unification error					

Shape of u+2a48a was wrong in ISO/IEC10646:2003. Although correct shape of V2-7C66 cannot be unified to the current shape in ISO/IEC10646:2003, IRG concluded to keep this mapping because of the consistency.

U+24F15	V	24F15 104.18 UCS2003 V2-7D5A	J: glyph not revised G: A stroke is missing in V glyph. Already mentioned in IRGN1775_A4 (J comments). K: wrong glyph	IRG N1775 table4-2.2(f)	
No change. UCS is wrong. It is a unification error					

Shape of u+24f15 was wrong in ISO/IEC10646:2003. Although correct shape of V2-7D5A cannot be unified to the current shape in ISO/IEC10646:2003, IRG concluded to keep this mapping because of the consistency.

U+25089	V	25089 108.10 UCS2003 V2-7D6B	glyph not revised	IRG N1775 table4-2.2(f)	
No change. UCS is wrong. It is a unification error.					

Shape of u+25089 was wrong in ISO/IEC10646:2003. Although correct shape of V2-7D68 cannot be unified to the current

shape in ISO/IEC10646:2003, IRG concluded to keep this mapping because of the consistency.

U+2A6C0	G	2A6C0 UCS2003 GKX-1538.20 T5-7B5E	glyph not revised	IRG N1775 table4-3	
No change and add a note to corrigenda as Unification error.					

GKX-1538.20 was mistakenly unified to u+2a6c0 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. V4-5644 of ISO/IEC 10646 keeps this shape for the consistency to the GKX source although these glyphs are not able to be unified.

22936	UCS2003	UCS2003	GKX-0408.28	T5-6777	Unification	The T-glyph is different from the *KX Dictionary* glyph.	

No change. Add a note to corrigenda as a unification error

T5-6777 was mistakenly unified to u+22936 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. T5-6777 of ISO/IEC 10646 keeps this shape for the consistency to the CNS standard although these glyphs are not able to be unified.

28321					Unification	The T-glyph is different from the *KX Dictionary* glyph.	
No change and add a note to corrigenda as a unification error.							

T6-632A was mistakenly unified to u+22936 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. T6-632A of ISO/IEC 10646 keeps this shape for the consistency to the CNS standard although these glyphs are not able to be unified.

22BA3	UCS2003	GKX-0440.17	Wrong glyph	Difference in the top part of the glyph	G
No change and add a note to corrigenda as a unification error.					

GKX-0440.17 was mistakenly unified to u+22BA3 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. GKX-0440.17 of ISO/IEC 10646 keeps this shape for the consistency to the GKX source although these glyphs are not able to be unified.

23023	UCS2003	T5-6C34	Wrong glyph	Difference in the right component of the glyph	T
No change and add a note to corrigenda as a unification error.					

T5-6C34 was mistakenly unified to u+23023 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. T5-6C34 of ISO/IEC 10646 keeps this shape for the consistency to the CNS standard although these glyphs are not able to be unified.

24229			Wrong glyph	The bottom difference	G
No change and add a note to corrigenda as a unification error.					

GKX-0672.02 was mistakenly unified to u+23023 at the first edition of CJK UNIFIED IDEOGRAPHS EXTENSION B. GKX-0672.02 of ISO/IEC 10646 keeps this shape for the consistency to the GKX source although these glyphs are not able to be unified.

Part2: List of additions to IRG UCV list

Listed below are to be added to UCV list as unification examples.

U+27D F5	GT		glyph not revised	IRG N1775 table4-3	
No change. Add a note on UCV examples.					

U+29EF4	GT	29EF4 魚 195.12 UCS2003 GHZ-74714.09 T7-5D7D	glyph not revised	IRG N1775 table4-3	
No change. Add a note to UCV examples.					

2148D	2148D 土 32.14 UCS2003 GKX-0241.09 T7-373F	Wrong glyph				
No change. Note this and find more cases for the unification of those components.						
270D2	270D2 艸 140.17 UCS2003 GKX-1069.21 T7-5466 H-8754	Wrong glyph				
No change. Note to find more examples to unify them.						
29D5C	29D5C 魚 195.3 UCS2003 V0-4822	Wrong glyph				

No change. Add note to UCV.

Part3: List of additions to IRG NUCV list

Listed below are to be added to NUCV list as wrong unification examples.

U+2642F	T	2642F 羽 124.6 UCS2003 GKX-0957.05 T6-4D30	glyph not revised	IRG N1775 table4-2.2(c)	
No change. Add a note to wrong unification examples.					
U+26487	T	26487 羽 124.11 UCS2003 GKX-0959.18 T7-4871	glyph not revised	IRG N1775 table4-2.2(c)	
No change. Add a note to Annex S that 2649B should be unified to 2649E.					
U+270F0	T	270F0 艸 140.17 UCS2003 GKX-1070.32 T7-5876	glyph not revised	IRG N1775 table4-2.2(c)	

No change. Add a note to wrong unification examples.					
U+274 DF	T	274DF 虫 142.14 UCS2003 GKX-1101.17 T7-5477	glyph not revised	IRG N1775 table4-2.2(c)	
No change. Add a note to wrong unification examples.					

29C9B	 UCS-29C9B	29C9B 鬼 194.4 UCS2003 GHZ-74428.16 T6-646C	Unification/ Font design				
China to keep the current glyph. T to change back→T-glyph has been changed already. Add a note to exception.							

22D15	22D15 手 64.11 UCS2003 V2-7753	Unification ?				
V-glyph not change and stroke count should be changed. Add a note to exception.						

24858	24858 犬 94.11 UCS2003 GHZ-21366.09 T6-5ERA	Wrong glyph				
No change. Add a note to exception.						
26B3D	26B3D 艸 140.5 UCS2003 GKX-1025.08 T6-343B	Wrong glyph				
No change. Add a note to exption.						

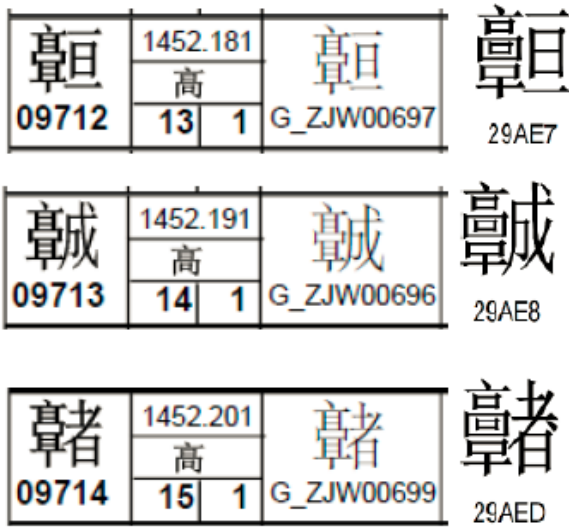
(End of Document)

IRG#38, IRGN1864 CJK Editorial Group Report of CJK_E

The editorial meeting decided to add NUC examples as below:

龺 UCS2003	龺
U+ 29ACF	CJK_Ev7 09702

Examples are:



IRG#39, IRGN1896 CJK Editorial Group Report

6. Review of IWDS

References:

- IRGN1918 IWDS
- IRGN1839 IWDS
  - ROK comments on IWDS_summary
  - HK comments to UCV list

The editorial group accepted ROK and HK comments on IRGN1839. The editorial group asked Mr. Taichi Kawabata to update the IWDS_summary and all UCV lists to reflect these comments.

The editorial group asked Mr. Taichi Kawabata to use images for the ideographic characters rather than fonts in the lists of UCV and NUC to avoid wrong showing. The editorial group asked Mr. Taichi Kawabata to mark the updated items for better tracking.

Reminder: Some comments (such as #56, #299, #318, #372, or more) from HK is not reflected or not reflected well in the latest UCV list. Some appropriate examples are not found.

See Page 22 to 103 for HK comments dated 2012-08-15.

See Page 90 to 104 for HK comments dated 2012-11-08.

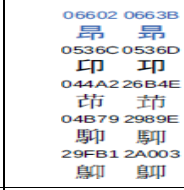
See Page 105 to 122 for ROK comments.

HK
Dated 2012-08-15

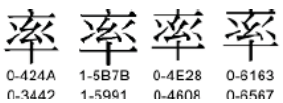
HKSAR's Review Comments on the IWDS (IRG N1839)

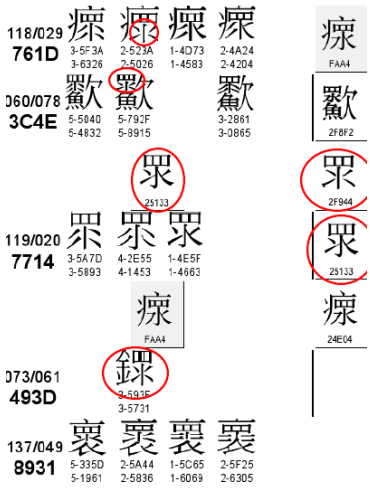
The Hong Kong Special Administrative Region has reviewed the IWDS (IRG N1839) and has the following comments:

No	UCV	Exceptions	Examples	Comments
4	宰 宰 宰 宰			It is suggested that 宰 should be added to the list of UCVs.
5	丰刃 丰刃 丰刃			It is suggested that 丰刃 should be added to the list of UCVs.

8	天 夭			i. The glyphs U+22844 and U+FAD0 look exactly the same. It is suggested to provide the multi-column code chart of U+22844 to better illustrate the unification: ii. It is suggested to provide the multi-column code chart of U+2284A to offer a better picture of the glyph:
13	卬 卬		Nil	No examples of unification are given. Should this pair of components be placed under NUC?
15	歲 歲		Nil	Ditto

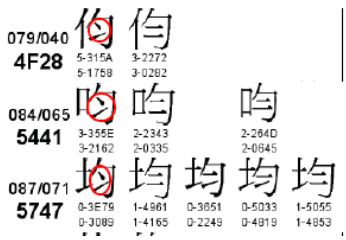
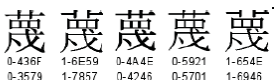
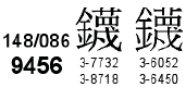
17	參 叁	053C3 053C4 參 叁 06158 2280A 慘 惨 03E91 24859 獆 獆	Nil	Ditto
18	屯 屯		079/005 4F05 5-3154 2-2175 2-2185 5-1752 2-0185 2-0189 084/040 5428 0-3656 2-2344 1-3469 2-2644 0-3070 0-2254 2-0336 1-2073 2-0636 0-1680	The two glyphs in the UCV column are exactly the same. It is suggested to replace one of them by 屯.
23	兰 亼		兼 20525 兼 2F91B	It is suggested to provide the multi-column code chart of U+20525 to better illustrate the unification: 20525 八 12.10 兼 兼 兼 UCS2003 GHZ-10250.08 T6-465B
27a	夋 夋	04907 2887B 酸 酸	挍 蕿 蔆 諼 趍 22BF1 26E8B 26E8C 27A6E 27F2D	i. The glyph of U+4907 is wrong. It should be 酸: 4907 酉 164.9 酸 酸 酸 GKX-1285.27 T7-3454 K3-3374 ii. It is suggested to provide the multi-column code charts of all the examples to better illustrate the unification: 22BF1 手 64.9 挍 挍 挍 UCS2003 GKX-0442.12 T6-4931

				26E8B 艹 140.12 UCS2003 GKX-1056.27 T7-3253 H-8753 26E8C 艹 140.12 UCS2003 GKX-1056.28 T5-5749 27A6E 言 149.9 UCS2003 GKX-1170.03 T5-583C 27F2D 走 156.9 UCS2003 GKX-1219.03 T4-5421
28	小 ⺌		22450 2F874	U+22450 and U+2F874 are not appropriate examples of the UCVs since none of their glyphs has the component ⺌: 22450 三 58.3 UCS2003 T6-246E 2F874 小 42.3 T6-244B ≡ 5F53
30	率 率		115/135 **7387**  0-424A 1-5B7B 0-4E28 0-6163	U+7387 is not an appropriate example of the UCVs since none of its glyphs has the component 率.

32	眾眾眾罕			i. It is suggested that 眾 should be added to the list of UCVs. ii. U+FAA4 and U+24E04 are not appropriate examples of the UCVs since their glyphs are exactly the same: iii. It is suggested to provide the multi-column code charts of U+25133 and U+493D to better illustrate the unification:
36	爫 爫			U+59A5 is not an appropriate example of the UCVs since none of its glyphs has the component 爫.

38	半 ⺶ ⺶		53DB 又 29.7 叛 叛 叛 叛 叛 叛 G0-4551 HB1-AB71 T1-5035 J0-4840 K0-5A64 V1-4E31 3AB5 斗 68.5 判 判 G3-5063 T4-2961	This group of components are unified under “Differences in throwing away at the stroke termination”. U+53DB and U+3AB5 may not be appropriate examples to illustrate the unification since the left components of the glyphs throw away at the stroke termination without exception, i.e. none of them have the component 半.
39	卯 卯		褞 256C5 褞 2F955	It is suggested to provide the multi-column code chart of U+256C5 to offer a better picture of the glyph: 256C5 示 113.10 褞 褞 褞 UCS2003 GKX-0845.20 T4-4B5F
41	几 几	051E2 051E3 几 几	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
42	处 处		潟 23F5E 潟 2F910	It is suggested to provide the multi-column code chart of U+23F5E to better illustrate the unification: 23F5E 水 85.12 潟 潟 潟 UCS2003 GKX-0651.33 T7-245B
44	勻 勻		矜 2541D 矜 2F94D	It is suggested to provide the multi-column code chart of U+2541D to offer a better picture of the glyph: 2541D 石 112.3 矜 矜 矜 UCS2003 GKX-0827.12 T5-2745

46	糸 糸		 	It is suggested to provide the multi-column code chart of U+2633E to offer a better picture of the glyph:
47	丶 丶 丶		 	It is suggested that 丶 should be added to the list of UCVs.

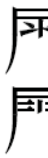
48	勻 勻		079/040 4F28 	It is suggested that 勻 should be added to the list of UCVs.
50	蔑 蔑		133/017 8511  148/086 9456 	U+8511 and U+9456 are not appropriate examples of the UCVs since none of their glyphs has the component 蔑.
51	盍 盍	076C72504B 盍 盍	Nil	No examples of unification are given. Should this pair of components be placed under NUC?

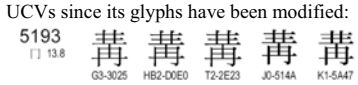
53	月 月 月	0670C 080A6 肦 肦 06710 080CA 朐 朐 06718 08127 朘 朘 080F6 03B35 胶 胶 0813C 23377 腩 腩 08158 266E2 腘 腘 08192 267FE 膃 膃 03B3B 04420 膮 膮	090/181 5AB5 0-6B74 0-7584 2-4240 2-3432 1-397A 1-2590 1-6A6E 1-7478 2F986 103/033 6721 3-4D52 3-4550 2-4641 2-3833 2-394F 2-2547 2F8DA 111/110 6F6E 0-3331 0-1917 1-6D53 1-7751 0-442C 0-3612 0-704D 0-8045 1-5D4D 1-6145 2F90F 128/173 80AD 0-6B47 0-7539 2-2850 2-0848 0-666D 0-7077 1-5C57 1-6055 1-636B 1-6775 2F8D6 067/217 43D9 3-4C51 3-4449 4-2765 4-0769 2F8D7 068/011 440B 6-497E 6-4194 3-3021 3-1601 2F984 2D804 2F9D9 23303 2F989 2339C 2F98A 267A7 2F987	i. Except for the last pair of glyphs, all glyphs shown in the Exceptions column have the same component 月. It is suggested that for the following characters, the component 月 should be adopted instead to better illustrate the exception: 80A6 肉 130.4 GE-3953 T3-2A5B J1-556F K1-625A 80CA 肉 130.5 GE-3956 HB2-D061 T2-2D24 J3-7A4A K1-5A64 8127 肉 130.7 GE-3961 HB2-D74F T2-3853 J1-5631 K1-703A 80F6 肉 130.6 G0-3D3A H-89B1 T3-334A J1-5624 K2-553D 813C 肉 130.8 G3-4C7C T4-3A3E J1-5636 K2-5553 8158 肉 130.8 G8-7C55 T6-435A 8192 肉 130.11 G3-4C47 T3-4E3B 4420 肉 130.10 G3-4D47 T4-463F K3-302A V2-896D 4436 肉 130.12 G3-4D71 T4-5264

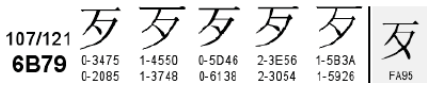
		04436 233AF 27987 27997 		ii. As regards the last pair of glyphs in the Exceptions column, the component of U+27987 is not one of the UCVs. iii. It is suggested that should be added to the list of UCVs. iv. It is suggested to provide the multi-column code charts of U+20804, U+23393, U+2339C and U+267A7 to better illustrate the unification:

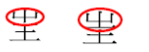
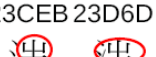
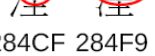
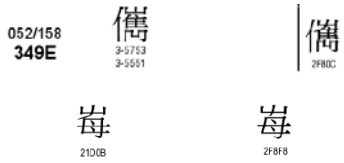
54	凡 凡		081/225 51E1 凡 0-3732 0-2318 凡 1-443B 1-3627 凡 0-4B5E 0-4362 凡 0-5B6D 0-5977 凡 1-4C69 1-4473 094/006 5E06 帆 0-372B 0-2311 帆 1-477D 1-3993 帆 0-4841 0-4033 帆 0-5B6E 0-5978 104/181 68B5 梵 0-6873 0-7283 梵 1-5B31 1-5917 梵 0-5B70 0-5980 梵 0-5B6F 0-5979 108/078 6C4E 汎 E-2F7D E-1593 汎 1-4847 1-4039 汎 0-4846 0-4038 汎 0-5B71 0-5981	The examples given are not appropriate since none of their glyphs has the component 凡.
55	凡 卂	2959B 2959C 颭 颭	062/172 3EAC 玑 3-2671 3-0681 玑 2F92A 062/184 3EB8 垒 3-323A 3-1826 垒 2F92C 062/184 3EB8 垒 3-323A 3-1826 垒 2F92D	2959B 2959C i. It is suggested that 颭 颭 in the Exceptions column should be moved to UCV 56 56 凡 凡 凡 ii. U+3EAC, together with U+2F92A, may no longer be an appropriate example to illustrate the unification since its glyphs have been modified 3EAC 玉 96.3 玑 GKX-0727.11 玑 T3-2671 . iii. It is suggested to provide the multi-column code chart of U+3EB8 to offer a better picture of the glyph:

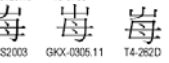
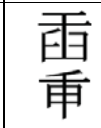
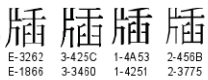
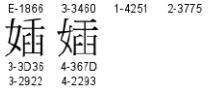
				3EB8 玉 96.5 T3-323A H-936F iv. It is suggested that 凡 should be added to the list of UCVs.
56		Nil	Nil	Neither exceptions nor examples are given.
57				i. The two glyphs indicated in red circle in the UCV column are exactly the same. It is suggested to replace one of them by 巩. ii. It is suggested to provide the multi-column code chart of U+29B30 to better illustrate the unification: 29B30 髟 190.6 UCS2003 GKX-1453.44 T7-362F

60				i. It is suggested that should be added to the list of UCVs. ii. U+2149B and U+2177C are not appropriate examples of the UCVs since none of their glyphs has the component : iii. It is suggested to provide the multi-column code charts of U+21C67, U+21C98 and U+21CA9 to better illustrate the unification:

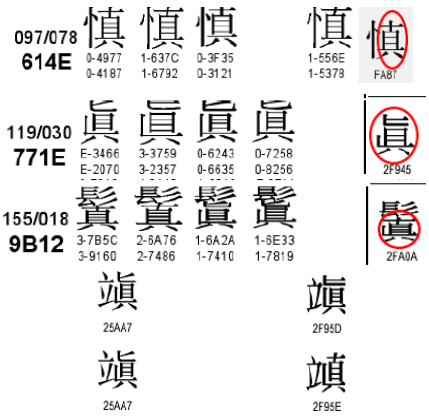
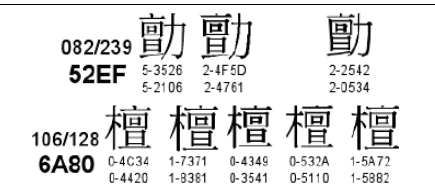
63	广 广	Nil	Nil	Neither exceptions and examples are given.
66	丹 丹	Nil	Nil	Ditto
67	与 与		 22331 2F891	It is suggested to provide the multi-column code chart of U+22331to offer a better picture of the glyph: 22331 UCS2003 GKX-0353.14 T6-2749
76	靑 靑 靑		 081/147 5193 3-3025 3-1605 2-2E23 2-1403 0-514A 0-4942 1-5A47 1-5839	i. U+5193 may no longer be an appropriate example of the UCVs since its glyphs have been modified:  5193 G3-3025 HB2-D0E0 T2-2E23 J0-514A K1-5A47 ii. There are no examples to show that 靑 is unifiable with 靑 and 靑.

79		090A3 2867B 那 邢 26403 2640E 翔 翔 2945E 2946B 頖 頖	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
85		05759 05DE0 巫 巫	Nil	Ditto
92				It seems that the example of U+6B79 has been misplaced.
93				It is suggested to provide the multi-column code charts of U+219C8, U+25044, U+250F3 and U+27966 to better illustrate the unification:

				250F3 目 109.3 UCS2003 GKX-0799.18 T6-2D3C 27966 言 149.3 UCS2003 GKX-1149.04 T5-3043
96		037B7 2125A  23CEB 23D6D  284CF 284F9 	052/158 349E  3-5753 3-5551 2F80C 21D0B 2F8F8	i. The first pair of glyphs in the Exceptions column seem to have the same component . It is suggested that the T-glyph or J-glyph should be adopted for U+37B7 instead to illustrate the exception: 37B7 中 45.4 GKX-0305.06 T4-2376 JA-223B ii. The second pair of glyphs in the Exceptions column may not be appropriate examples of exception for the UCVs since neither of them have the components and : 23CEB 水 85.6 UCS2003 GKX-0622.01 T4-2D71

				23D6D 水 85.7 UCS2003 GHZ-80023.18 iii. The third pair of glyphs in the Exceptions column may not be appropriate examples of exception for the UCVs since neither of them have the components 少 and 屮: 284CF 辵 162.7 UCS2003 GCY 284F9 辵 162.8 UCS2003 GKX-1260.13 T6-4F50 iv. It is suggested to provide the multi-column code charts of U+349E and U+21D0B to better illustrate the unification: 349E 人 9.15 GKX-0120.19 T3-5753 21D0B 屮 45.5  UCS2003 GKX-0305.11 T4-262D
98		0633F 063D2 063F7 挿 插	114/080 7250 E-3262 E-1866  3-425C 3-3460 1-4A53 1-4251 2-456B 2-3775 054/252 36FC 3-3D36 3-2922  4-367D 4-2293 2F922 2F868	It is suggested that should be added to the list of UCVs.

99	兀 尢	05C2A 05C2B 尪 尫 05C36 05C37 尷 尷 05140 05C22 兀 尢 0537C 05C2F 尨 尨 05C2C 21BD3 尬 尬 05C30 21C01 尰 尰 05C33 21C05 尳 尳 0378A 2568B 㷊 㷊 04CAB 21C0E 鳭 鳭 206AF 21BC7	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
109	爾 爾	Nil	Nil	Neither exceptions nor examples are given.

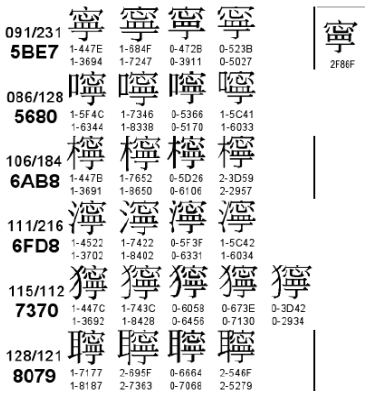
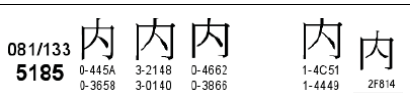
112	眞 眞 眞 眞 眞			i. The two glyphs indicated in red circle in the UCV column are exactly the same. It is suggested to replace one of them by 真. ii. It is suggested that 真, 眞 and 眞 should be added to the list of UCVs. iii. It is suggested to provide the multi-column code chart of U+25AA7 to better illustrate the unification:
116	亶 亶			U+52EF and U+6A80 are not appropriate examples of the UCVs since neither of them have the component 亶:

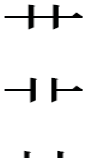
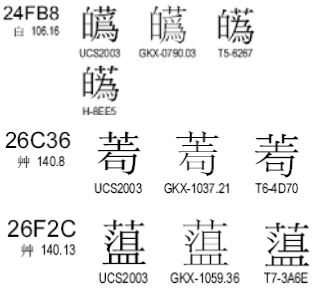
117	尢 尢		092/034 5C22 尢 0-5E4C 0-6244 尢 1-4452 1-3650 尢 0-5577 0-5387 尢 2-2E2F 2-1415 尢 2F875 055/129 3781 旭 5-374E 5-2346 旭 4-2875 4-0885 旭 2F876	i. It is suggested that 尢 should be added to the list of UCVs. ii. None of the examples has the component 尢.
118	冃 冃 冃	06287 22A8F 扣 扣		The pair of glyphs in the Exceptions column seem to have the same component 冃. It is suggested that the G-glyph should be adopted for U+6287 instead to illustrate the exception: 6287 手 64.4 扣 G3-4964 扣 HB2-CAEC 扣 T2-242E 扣 K2-3454 扣 V0-3727
119	儿 几		充 2063A 充 2F80D	It is suggested to provide the multi-column code chart of U+2063A to offer a better picture of the glyph: 2063A 几 16.4 充 UCS2003 充 GHZ-10277.06 充 TF-214B
121	己 巳	2972E 2976E 飶 飶		The two glyphs in the Exceptions column may not be appropriate examples of exception for the UCVs since neither of them have the components 己 and 巳.

123	巳 巳	07808 25449 砜 砜		The pair of glyphs in the Exceptions column seem to have the same component 巳. It is suggested that the G-glyph should be adopted for U+25449 instead to illustrate the exception: 25449 石 112.5 砜 砜 砜 UCS2003 GKX-0829.02 T6-3346
126	本 本		腺 267B5 腺 2F988	It is suggested to provide the multi-column code chart of U+267B5 to offer a better picture of the glyph: 267B5 肉 130.10 腺 腺 UCS2003 T4-4648
129	么 幺	061E1 228D7 懿 懿		The pair of glyphs in the Exceptions column seem to have the same component 幺. It is suggested that the G-glyph should be adopted for U+61E1 instead to illustrate the exception: 61E1 心 61.14 懿 G3-527B 懿 懿 懿 T4-5632 J1-3E7A K2-336A

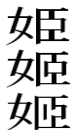
130	𠀠 𠀠		𠀠 20122 𠀠 2F803	It is suggested to provide the multi-column code chart of U+20122 to better illustrate the unification: 20122 二 7.4 𠀠 UCS2003 𠀠 GKX-0087.05 𠀠 T6-2565
132a	由 由		𡿨 2219F 𡿨 207F3	i. It is suggested to provide the multi-column code chart of U+2219F to better illustrate the unification: 2219F 干 51.10 𡿨 UCS2003 𡿨 GKX-0341.11 𡿨 T6-523F ii. U+207F3 is not an appropriate example of the UCVs since none of its glyphs has the component 由: 207F3 刀 18.13 𡿨 UCS2003 𡿨 GHZ-10357.02 𡿨 T7-225A
134	鬲 鬲	2699D 269A7 鬲 鬲		The two glyphs in the Exceptions column may not be appropriate examples of exception for the UCVs since U+2699D does not have the component 鬲.
136	甚 甚			Neither exceptions nor examples are given.

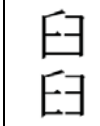
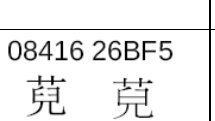
139a	具 具		059/130 **3B82** 㬥 3-4174 3-3384 㬥 4-3835 4-2421 066/240 **42F0** 㬥 3-6C28 3-7608 㬥 4-4623 4-3803 㬥 3-2E7C 3-1492 072/094 **485E** 㬥 3-4563 3-3767 㬥 4-4E2A 4-4610	It is suggested that the code charts of the examples should be replaced by the following ones to better illustrate the unification: 3B82 木 75.8 㬥 G3-4174 㬥 T4-3835 42F0 糸 120.8 㬥 G3-6C28 㬥 T4-4623 㬥 K3-2E7C 485E 車 159.8 㬥 G3-4563 㬥 T4-4E2A
140	匕 匕 匕	05315 2090E 匕 匕	厄 20A2C 厄 2F834 妣 216A8 妣 2F860	i. The pair of glyphs in the Exceptions column seem to have the same component 匕. It is suggested that the G-glyph or T-glyph should be adopted for U+5315 instead to illustrate the exception: 5315 匕 21.0 匕 G0-5830 匕 HB1-A450 匕 T1-4431 匕 J0-5238 匕 K0-5D62 ii. It is suggested to provide the multi-column code charts of U+20A2C and U+216A8 to offer a better picture of the glyphs:

				20A2C 厂 27.2 厄 厄 厄 UCS2003 GKX-0160.16 T5-213F 216A8 女 38.2 奼 奼 奼 UCS2003 GKX-0254.25 T5-2162
145	寧 寧			None of the glyphs shown in the Examples column, except for U+5BE7, has the component 寧: 5680 口 30.14 嚀 嚀 嚀 嚀 嚀 G1-5F4C HB1-C07B T1-7346 J0-5366 K1-5C41 6AB8 木 75.14 檸 檸 檸 檸 檸 G1-447B HB1-C266 T1-7652 J0-5D26 K2-3D59 6FD8 水 85.14 濘 濘 濘 濘 濘 G1-4522 HB1-C0D7 T1-7422 J0-5F3F K1-5C42 7370 犬 94.14 獰 獰 獰 獰 獰 獰 G1-447C HB1-C0F1 T1-743C J0-605B K0-673E V0-3D42 8079 耳 128.14 聹 聹 聹 聹 聹 G1-7177 HB2-F4B2 T2-695F J0-6664 K2-546F
148	內 內			U+5185 and U+2F814 are not appropriate examples of the UCVs. It is suggested to replace U+5185 by U+5167:

				5167 入 11.2 GE-2262 HB1-A4BA T1-4479 K0-522E
152			24FB8 2F93C 26C36 2F9A4 26F2C 2F9AD	It is suggested to provide the multi-column code charts of U+24FB8, U+26C36 and U+26F2C to better illustrate the unification:  24FB8 白 106.16 UCS2003 GKX-0790.03 T5-6267 H-8EE5 26C36 艸 140.8 UCS2003 GKX-1037.21 T6-4D70 26F2C 艸 140.13 UCS2003 GKX-1059.36 T7-3A6E
153			091/040 5B28 5-4069 5-3273 2-5663 2-5467 1-8A70 1-7480 FA81 093/107 5D6B 0-6151 0-6549 2-3B3F 2-2731 2-2F14 2-1536 2F87F	It is suggested that should be added to the list of UCVs.

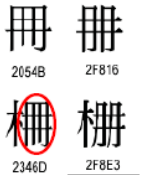
			097/072 6148 慈 0-3448 0-2040 慈 1-6375 1-6785 慈 0-3B7C 0-2792 慈 0-6D31 0-7717 慈 1-556B 1-5375 慈 2F8A6 110/203 6ECB 滋 0-574C 0-5544 滋 1-6045 1-6437 滋 0-3C22 0-2802 滋 0-6D32 0-7718 滋 FA99 110/203 6ECB 滋 0-574C 0-5544 滋 1-6045 1-6437 滋 0-3C22 0-2802 滋 0-6D32 0-7718 滋 2F90B	
155	畢 畢		102/197 66C5 曅 5-4964 5-4168 曅 3-507E 3-4894 曅 1-675E 1-7162	It is suggested that the code chart of U+66C5 should be replaced by the following one to better illustrate the unification: 66C5 日 72.12 曅 G5-4964 曅 T3-507E 曅 K1-675E
157	異 異		樻 236A3 樻 2F8EC	It is suggested to provide the multi-column code chart of U+236A3 to offer a better picture of the glyph: 236A3 木 75.12 樻 UCS2003 樻 GKX-0555.21 樻 T4-4A44
159	覀 覀	04672 277E7 覀 覀 277F1 277F5 覀 覀		The two pairs of glyphs in the Exceptions column seem to have the same component 覀. It is suggested that the UCS-glyphs or G-glyphs should be adopted for U+277E7 and U+277F5 instead to illustrate the exception:

				277E7 两 146.4 UCS2003 GKX-1128.21 T5-3041 277F1 两 146.8 UCS2003 GKX-1129.01 T4-4734
161		09B2C 09B2D	101/178 65B2 E-2C4D E-1245 2-5068 2-4872 1-4161 1-3365 1-6E4A 1-7842	None of glyphs in the Exceptions and Examples columns has the component .
164		059EB 059EC	Nil	No examples of unification are given. Should this group of components be placed under NUC?
165		07155 242EE	Nil	Ditto

166				It is suggested that the code chart of U+51DE should be replaced by the following one to better illustrate the unification:
167		Nil	Nil	Neither exceptions nor examples are given.
168				The two glyphs in the Exceptions column may not be appropriate examples of exception for the UCVs since U+26BF5 does not have the component .
169				It is suggested to provide the multi-column code charts of U+26074, U+2732B and U+29CF1 to better illustrate the unification:

				29CF1 鬼 194.8 UCS2003 GHZ-74434.11 T7-4550
171	电 电 电	096FB 290D3 電 電 2003B 2049E 電 電 25957 259A3 電 電 29131 29187 電 電	Nil	No examples of unification are given. Should this group of components be placed under NUC?
172	奄 奄 奄		262D9 2F975	It is suggested to provide the multi-column code chart of U+262D9 to offer a better picture of the glyph: 262D9 网 122.8 UCS2003 T6-604A

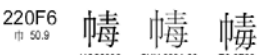
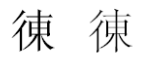
173	臾 臾 臾		墳 214E4 欴 238A7 墳 2F859 欴 2F8F0	i. The two glyphs indicated in red circle in the UCV column are exactly the same. It is suggested to replace one of them by 臾. ii. It is suggested to provide the multi-column code charts of U+214E4 and U+238A7 to offer a better picture of the glyphs: 214E4 土 32.16 墳 UCS2003 墳 GHZ-10499.20 墳 T7-3F35 238A7 欠 76.6 欴 UCS2003 欴 GKX-0567.07 欴 T6-3857
174	巢 巢		篥 25C80 蘀 26FB1 篥 2F965 蘀 2F9B0	It is suggested to provide the multi-column code charts of U+25C80 and U+26FB1 to offer a better picture of the glyphs: 25C80 竹 118.11 篥 UCS2003 篥 GKX-0897.08 篥 T4-5760 26FB1 艸 140.14 蘀 UCS2003 蘀 GKX-1063.11 蘀 T4-5D25

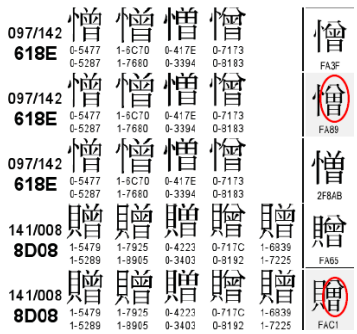
175	寬 寬 寬 寬		 21B18 2F871	It is suggested to provide the multi-column code chart of U+21B18 to better illustrate the unification: 21B18 40.23 UCS2003 GHZ-53360.11 T5-7A27
177	冊 册 冊	206F9 20702 刪	 2054B 2F816 2346D 2F8E3	i. It is suggested that should be added to the list of UCVs. ii. None of glyphs in the Exceptions and Examples columns has the component . iii. It is suggested to provide the multi-column code charts of U+2054B and U+2346D to better illustrate the unification: 2054B 冂 13.4 UCS2003 GKX-0129.06 T6-235A 2346D 木 75.6 UCS2003 GHZ-80019.20 T6-384E

179	廾 廾 廾		与廾 22331 与廾 2F892 目廾 250F2 目廾 2F942 莫廾 26CD5 莫廾 2F9A6	It is suggested to provide the multi-column code charts of U+22331, U+250F2 and U+26CD5 to offer a better picture of the glyphs: 22331 廾 55.3 与廾 UCS2003 与廾 GKX-0353.14 与廾 T6-2749 250F2 目 109.3 目廾 UCS2003 目廾 GKX-0799.15 目廾 T4-2750 26CD5 艸 140.9 莫廾 UCS2003 莫廾 GKX-1044.08 莫廾 T6-5751

180	开 幵 幵		狾 24735 簡 25CD0 缾 26228 袥 27667 豜 27CA8 頩 29496 麛 2A291 狾 2F926 簡 FAD6 缾 2F972 袥 2F9C5 豜 2F9D3 頩 2F9FD 麛 2FA14	It is suggested to provide the multi-column code charts of the glyphs in the Examples column to better illustrate the unification: 24735 犬 94.4 狾 UCS2003 狾 GKX-0707.01 狾 T5-245A 25CD0 竹 118.12 簡 UCS2003 簡 GKX-0899.12 簡 T5-6340 簡 V0-4033 26228 缶 121.4 缾 UCS2003 缾 GKX-0945.02 缾 T5-2F5B 27667 衣 145.6 袥 UCS2003 袥 GKX-1116.23 袥 T6-4E58 27CA8 豸 153.4 豜 UCS2003 豜 GKX-1200.11 豜 T4-354E 29496 頁 181.6 頩 UCS2003 頩 GKX-1403.16 頩 T7-2B24 2A291 鹿 198.4 麛 UCS2003 麛 GKX-1509.09 麛 T7-2C27

181	并 幷 幷		24C92 2F937 26247 2F973 27ED3 FAD7 29145 2F9F6 2921A 2F9F7 2A600 2FA1D	i. The two glyphs indicated in red circle in the UCV column are exactly the same. It is suggested to replace one of them by 幷. ii. It is suggested to provide the multi-column code charts of the glyphs in the Examples column to better illustrate the unification : 24C92 田 102.8 UCS2003 GKX-0764.07 T4-3E6A 26247 缶 121.9 UCS2003 GHZ-52938.08 T7-266F 27ED3 走 156.6 UCS2003 GKX-1217.05 T4-4123 29145 雨 173.11 UCS2003 GKX-1378.01 T7-4B50 2921A 面 176.6 UCS2003 GKX-1384.04 T5-5246 2A600 齒 211.6 UCS2003 GKX-1534.09 T5-7325

182	毋 毋 母		26523 2F97C 220F6	It is suggested to provide the multi-column code charts of U+26523 and U+220F6 to better illustrate the unification: 26523 220F6 
185	熏 熏	066DB 232B3 曛		The two glyphs in the Exceptions column may not be appropriate examples of exception for the UCVs since U+232B3 does not have the component 熏.
186	東 東		226D4 2F8A4 22505 2F89C	It is suggested to provide the multi-column code charts of U+226D4 and U+22505 to offer a better picture of the glyphs: 226D4 22505 

187	曾 曾 曾			It is suggested that 曾 should be added to the list of UCVs.
188	會 會 會	07E6A 26169 繪　繪	Nil	No examples of unification are given. Should this group of components be placed under NUC?

193	云 云			i. It should be better to put the two U+5145 examples together. ii. It is suggested to provide the multi-column code chart of U+23AFA to offer a better picture of the glyph:
194	夂 夂	05746 0653B 攻　攻		i. The two glyphs in the Exceptions column may not be appropriate examples of exception for the UCVs since neither of them have the component 夂. ii. It is suggested to provide the multi-column code chart of U+25249 to better illustrate the unification:

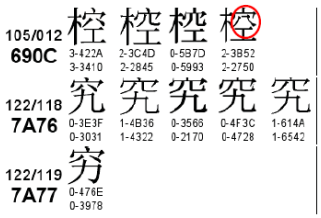
197	市 市	05DFF 05E02 市 市		i. The two glyphs in the UCV column are exactly the same. It is suggested to replace one of them by 市 ii. The two glyphs in the Exceptions column seem to be the same. It is suggested that the G-glyph should be adopted for U+5E02 instead to illustrate the exception: 5E02 巾 50.2 市 市 市 市 市 市 G0-4A50 HB1-A5AB T1-464B J0-3B54 K0-633C V1-5366
199	艮 艮		151/255 97FF 響 響 響 響 響 響 1-4F6C 1-7B40 0-3641 0-7A42 1-6B6C FACA 1-4776 1-9132 0-2233 0-9034 1-7576	U+97FF may not be an appropriate example of the UCVs since none of its glyphs has the component 艮: 97FF 音 180.11 響 響 響 響 響 響 G1-4F6C HB1-C554 T1-7B40 J0-3641 K0-7A42 V1-6B6C
202	敖 敖		101/086 6556 敖 敖 敖 敖 敖 敖 0-503D 1-5A72 0-5A44 0-6779 1-5823 FA90 0-1629 1-5882 0-5836 0-7189 1-5603	The two glyphs in the UCV column are exactly the same. It is suggested to replace them by 敖, 敖 and 敖.
202a	赤 赤		赤 27E58	It is suggested to provide the multi-column code chart of U+27E58 to better illustrate the unification: 27E58 赤 155.1 赤 赤 赤 UCS2003 GHZ-53507.01 T6-2E31

203	九 尢		姺 姺 216FA 2F861	It is suggested to provide the multi-column code chart of U+216EA to offer a better picture of the glyph: 216EA 女 38.5 姺 姺 UCS2003 TF-263E
204	成 成		123/108 7B6C 箋 箋 箋 箋 3-6364 3-3D77 0-642D 0-607E 3-6768 3-2987 0-6813 0-6494 138/160 8AA0 誠 誠 誠 誠 誠 1-334F 1-6662 0-403F 0-6124 1-6737 1-1947 1-7066 0-3231 0-6504 1-7123	U+7B6C and U+8AA0 may not be appropriate examples of the UCVs since none of their glyphs has the component 成: 7B6C 竹 118.7 箋 箋 箋 箋 箋 G3-6364 H-9951 T3-3D77 J0-642D K0-607E 8AA0 言 149.6 誠 誠 誠 誠 誠 誠 G1-334F HB1-B8DB T1-6662 J0-403F K0-6124 V1-6737

206	止 止			None of the glyphs shown in the Examples column has the component 止.
214	兀 几			It is suggested to provide the multi-column code chart of U+23A8D to offer a better picture of the glyph:
215	今 今	04ECA 2B746 今　今	Nil	No examples of unification are given. Should this pair of components be placed under NUC?

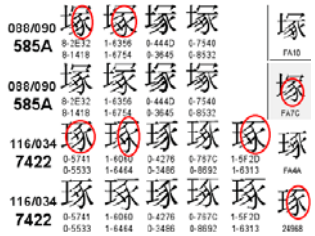
216	耳 耳		耽 20599 寢 21AC9 戢 229CE 聸 2300B 簐 25D0B	The five glyphs in the Examples column are not appropriate examples of the UCVs since none of their glyphs has the component 耳: 20599 冖 14.10 耽 UCS2003 耽 TF-3A5D 21AC9 宀 40.13 寢 UCS2003 寢 TF-5431 229CE 戈 62.8 戢 UCS2003 戢 TF-3B2F 2300B 攴 66.13 聸 UCS2003 聸 TF-5A37 25D0B 竹 118.12 簐 UCS2003 簐 TF-5F7E
217	𠃊 𠃊	25678 256C8 𥚃 𥚃	Nil	No examples of unification are given. Should this pair of components be placed under NUC?

218	鬲 鬲		鷥 22909	It is suggested to provide the multi-column code chart of U+22909 to better illustrate the unification: 22909 心 61.15 鷥 UCS2003 鷥 GKX-0407.43 鷥 T7-4721
220	殳 殳	06B7F 06B81 歿 殁 06C92 06CA1 沒 没 080A1 2663F 股 朊 248FB 24904 玟 珉	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
222	儿 八	0513F 0516B 儿 八 056DB 211A6 四 𠘨 08C8C 27CD6 貌 貌 0485A 28313 輗 輗	087/000 5700 089/011 590B 089/012 590C	It is suggested that 八 and 丷 should be added to the list of UCVs.

223	宀 穴			i. It is suggested that 穴 should be added to the list of UCVs. ii. U+7A77 is not an appropriate example of the UCVs since it is single-sourced and has no compatibility ideograph.
224	𠆢 𠆢 𠆢			It is suggested that 𠆢 should be added to the list of UCVs.
226	楞 楞			Neither exceptions nor examples are given.
228	朮 术			It is suggested to provide the multi-column code chart of U+295B6 to better illustrate the unification:

232	尔 尔		荥 26B3C 荥 2F997	It is suggested to provide the multi-column code chart of U+26B3C to better illustrate the unification: 26B3C 艹 140.5 荥 UCS2003 荥 GKX-1025.06 荥 T6-3443
235	乂 乂			The two glyphs in the UCV column are exactly the same. It is suggested to replace one of them by 乂.
239	大 犬	盍 盍 08296 26B2B		i. The pair of glyphs in the Exceptions column are not appropriate examples of exception since U+8296 has the component of 太 instead of 犬. ii. It should be better to put the two U+81ED examples together.

242	杀 杀	28416 28418 辞 辞 28985 289BE 銤 銤 29CBA 29CD8 魅 魅 29CC3 29CD9 魏 魏	107/186 6BBA 殺 1-4931 1-4117 殺 1-5B44 1-5936 殺 0-3B26 0-2706 殺 0-5F2F 0-6315 殺 1-5B46 1-5938 殺 2F8F5 149/183 95B7 ⿰糹閃 3-415F 3-3363 ⿰糹閃 2-6040 2-6432 ⿰糹閃 2-6B3D 2-7529 ⿰糹閃 2F9F0 溵 23ED1 溵 2F90D 鶩 2A105 鶩 2FA12	i. It is suggested that 杀 and 杀 should be added to the list of UCVs. ii. It is suggested to provide the multi-column code charts of U+23ED1 and U+2A105 to better illustrate the unification: 23ED1 水 85.11 溵 UCS2003 溵 GKX-0644.01 溵 T4-4448 2A105 鳥 196.10 鶩 UCS2003 鶩 GKX-1496.26 鶩 T7-567A 鶩 V3.3637
243	免 兔	263BD 263CA 羵 羵		It seems that the pair of glyphs in the Exceptions column have been misplaced.
244	莧 莧	083A7 08408 莧 莧	Nil	No examples of unification are given. Should this pair of components be placed under NUC?

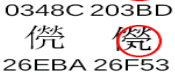
245	辶 辶			It is suggested that 辶 should be added to the list of UCVs.
246	豕 豕	08C55 08C56 豕 豕 08C5A 04401 豚 豚		It is suggested that 豕 and 豕 should be added to the list of UCVs.
247	叉 叉			It is suggested to provide the multi-column code charts of U+249BC and U+249E9 to offer a better picture of the glyphs: 249BC 玉 96.9 堅 UCS2003 堅 T5-473E 249E9 玉 96.9 堅 UCS2003 堅 GHZ-21130.04

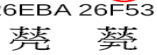
249	丸 九	09AA9 09AAB 骫 骫 04E38 04E5D 丸 九 0341C 20083 㓞 㓞	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
250	尢 尤	05396 20A47 厖 厖 05A0F 216EA 娏 娏		The two pair of glyphs in the Exceptions column are not appropriate examples of exception since U+20A47 and U+216EA have the component of 九 instead of 尢.
252	玉 王	0869F 09213 蚉 鈺 0923A 27263 鈺 蚉 034D8 24954 㙮 㙮		The three pair of glyphs in the Exceptions column are not appropriate examples of exception because: 1. For the first pair, U+9213 has the component 壬 instead of 玉. 2. For the second and third pairs, all the glyphs have the component 玉.
255	朮 朮		杭 杭 233D5 FAD1	It is suggested to provide the multi-column code chart of U+233D5 to offer a better picture of the glyph:

				233D5 木 75.4 UCS2003 GKX-0513.07 T5-264C J4-2E44
260	悳 悤	05FB3 05FB7 德 德 08074 265DF 聽 聽	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
267	寧 寧	05BDC 05BE7 寧 寧	Nil	Ditto
269	鷹 鷹	05ECC 22281 鷹 鷹 219B1 219B5 鸇 鸇 219B2 219B3 鸇 鸇	Nil	Ditto
270	灬 灬		24263 2F91D	It is suggested to provide the multi-column code chart of U+24263to offer a better picture of the glyph: 24263 火 86.8 UCS2003 GKX-0674.07 T6-4A78

271	鳳 鳳	09CEF 09CF3 鳳 鳳	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
272	皋 皋 皋 皋 皋 皋		071/101 4765 貗 3-5B37 3-5923 滜 23F4E	It is suggested to provide the multi-column code charts of U+4765 and U+23F4E to better illustrate the unification: 4765 豸 153.12 貗 GKX-1203.21 貗 T3-5B37 23F4E 水 85.12 滜 UCS2003 滜 GKX-0650.05 滜 T7-2463
276	堇 堇	065B3 230B7 斬 斬 09A39 29955 驂 驂 21164 21178 灩 灩	139/057 8B39 謹 1-3D77 1-2987 謹 1-773F 1-8731 謹 0-3660 0-2264 謹 0-504D 0-4845 謹 1-675A 1-7158 謹 FABF	It is suggested to replace 堇 with 莁 on the list of UCVs. (Please note that the 堇 and 堇 are members of UCV 300:

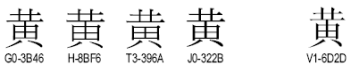
				300 堇 堇 堇)
278	昺 昺		059/005 3B05 昺 5-4A3D 5-4229 昺 3-415A 3-3358	U+3B05 is not an appropriate example of the UCVs since none of its glyph has the component 昺: 3B05 日 72.9 昺 G5-4A3D 昺 T3-415A
279	煢 煢	0712D 07162 煢 煢 06A69 23727 榮 榮 0348C 203BD 僥 僥 26EBA 26F53 蕘 蕘	Nil	i. It is suggested that 煢 should be added to the list of UCVs. ii. No examples of unification are given. Should this pair of components be placed under NUC?





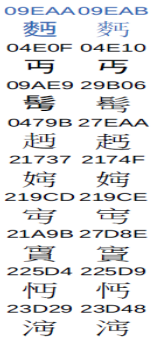
282	粵 粵		111/154 6F9A E-312A F-4F7D 1-486E E-1710 F-4793 1-4078	It is suggested that 粵 and 粵 should be added to the list of UCVs.
285	篡 篡	07BE107C12 篡 篡	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
290	兗 兗	05156 05157 兗 兗 08412 26CC6 菟 莧	Nil	Ditto
291	衮 衮		058/048 3A30 5-4D2F 3-4679 5-4515 3-3889 071/007 4707 5-7265 3-5922 5-8269 3-5702	It is suggested that 衮 should be added to the list of UCVs.

292	員 貟		猨 24814 猿 2F927	It is suggested to provide the multi-column code chart of U+24814 to offer a better picture of the glyph:
293	袁 表 表	0903A09060 遠　遠	Nil	No examples of unification are given. Should this group of components be placed under NUC?
298	盜 盜	076D7076DC 盜　盜	Nil	Ditto
298b	癵 癵		063/220 **3FDC** 癵 3-622D 3-6613	It is suggested to provide the multi-column code chart of U+3FDC to better illustrate the unification:

299				None of the glyphs in the Exceptions and Examples columns has the component 黃. It is suggested to add U+9EC4 as an example to illustrate the unification: 9EC4 黃 201.0  G0-3B46 H-8BF6 T3-396A J0-322B V1-6D2D
302			068/061 **443D** 3-2762 3-0766	It is suggested to provide the multi-column code chart of U+443D to better illustrate the unification: 443D 肉 130.12 GHZ-32106.08 TF-5155 K3-2762
303		nil	nil	Neither exceptions nor examples are given.

313	吳 吴 吳 吴		 21DE4 2F87B	It is suggested to provide the multi-column code chart of U+21DE4 to better illustrate the unification: 21DE4 山 46.7 UCS2003 GKX-0312.10 T6-367E
315	為 爲		059/025 3B19 3-5121 3-4901 2F8CE 24FA1 2F93B	It is suggested to provide the multi-column code charts of U+3B19 and U+24FA1 to better illustrate the unification: 3B19 日 72.12 GKX-0499.43 T3-5121 H-9479 24FA1 白 106.12 UCS2003 GKX-0789.17 T4-5728
318	圖 圖	05716 05717 圖 圖	087/022 5716 1-4D3C 1-4528 1-6837 1-7223 0-5426 0-5206 0-5371 0-5181 1-504A 1-4842 2F84B 087/023 5717 E-2547 E-0539 3-4637 3-3823 2F84D	i. None of the examples given can illustrate the unification. ii. Given the fact that only exceptions are available, should this pair of components be placed under NUC?

319	青 青		凊 291DF 凊 2F81C	It is suggested to provide the multi-column code chart of U+291DF to offer a better picture of the glyph: 291DF 青 174.9 凊 UCS2003 凊 GKX-1382.06 凊 T5-5A74
320	昷 盈		闔 28D77 闔 2F9F1	It is suggested to provide the multi-column code chart of U+28D77 to offer a better picture of the glyph: 28D77 門 169.9 闔 UCS2003 闔 GHZ-74308.09 闔 T7-3D30
322	魚 奐	08605 27107 衡 衡 08613 27068 蘓 蘓 08861 2258D 衡 衡 09B5A 29D4B 魚 奐 09B95 29F80 鮎 鮎 29DDF 29F89 鮫 鮫 29E19 29E3A 鯆 鯆 29F07 29F8D 鰶 鰶	Nil	No examples of unification are given. Should this pair of components be placed under NUC?

324	賴 賴			i. It is suggested that 賴 should be added to the list of UCVs ii. It is suggested to provide the multi-column code chart of U+2A20E to offer a better picture of the glyph:
326	丐 丐		Nil	No examples of unification are given. Should this pair of components be placed under NUC?

329	眾 眾 眾	0773E 08846 眾 衆 06F40 06F68 澀 澨 29149 29167 靈 靈	071/102 4766 貅 貅 3-7233 4-5D68 3-8219 4-6172	The two glyphs indicated in red circle in the UCV column are exactly the same. It is suggested to replace one of them by 眾.
330	壽 壽	058FD 05900 壽 壽 064E3 22DEC 擣 擣 071FD 2442D 燽 燽	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
331	兎 兎 兔 兔 兔	0514E 05154 兎 兔 05BC3 21A18 寃 寃	Nil	No examples of unification are given. It is suggested to provide the multi-column code charts of U+514E and U+5154 to illustrate the unification: 514E 儿 10.5 兎 GE-2254 兎 T3-2454 兎 J0-4546 兎 K0-774D 5154 儿 10.6 兔 G0-4D43 兔 HB1-A8DF 兔 T1-4C22 兔 J0-513D 兔 K2-237D 兔 V1-4C41

339	骨 骨			The example U+6ED1 is duplicated.
342	舉 舉 舉	064E7 08209 26999 擧 舉 舉 06511 03A6E 擧 擧 06AF8 06B05 237F1 欅 欅 欅	Nil	No examples of unification are given. Should this group of components be placed under NUC?
348	婁 婁			i. U+617A is not an appropriate example of the UCVs since none of its glyphs has the component 婁. ii. It is suggested to provide the multi-column code chart of U+270D2 to better illustrate the unification:

349	犀 犀 犀		144/114 9072 遲 遲 遲 遲 遲 遲 1-3359 1-725A 0-6E2F 0-7240 1-695E 1-1957 1-8258 0-7815 0-8232 1-7362 FAC3	None of the glyphs shown in the Examples column has the component 犀.
350	荒 荒		驍 29952	U+29952 is not an appropriate example of the UCVs since none of its glyphs has the component 荒: 29952 馬 187.10 驍 UCS2003 驍 GKX-1443.20 驍 T7-516B
352a	肩 肩 肩	Nil	Nil	Neither exceptions nor examples are given.
353	门 门	Nil	Nil	Ditto.

354a	簑 簑		124/020 **7C14** 簑 E-373F E-2331 簑 0-6443 0-6835	It is suggested to provide the multi-column code chart of U+7C14 to better illustrate the unification: 7C14 竹 118.11 簑 GE-373F 簑 TF-5B5F 簑 J0-6443
355	皂 皂 艮		083/115 **5373** 即 0-3C34 0-2820 / 即 1-493B 1-4127 / 即 0-4228 0-3408 / 即 1-6D71 1-7781 / 即 1-4D78 1-4588 / 即 2F82F 083/127 **537F** 卿 0-4764 0-3968 / 卿 1-544E 1-5246 / 卿 0-362A 0-2210 / 卿 0-4C4F 0-4447 / 卿 1-4D7B 1-4591 / 卿 2F831 083/127 **537F** 卿 0-4764 0-3968 / 卿 1-544E 1-5246 / 卿 0-362A 0-2210 / 卿 0-4C4F 0-4447 / 卿 1-4D7B 1-4591 / 卿 2F832 21DE6 卽 2872E 鄉 2F87D 卽 2F9E5 鄉	i. It is suggested that the example U+5373 should be moved to UCV 357: 357 艮 艮 ii. It is suggested that 艮 and 良 should be added to the list of UCVs. iii. It is suggested to provide the multi-column code charts of U+21DE6 and U+2872E to offer a better picture of the glyphs: 21DE6 山 46.7 卽 UCS2003 卽 GKX-0312.15 卽 T6-3679

				2872E 邑 163.9 卿 卿 UCS2003 T64F63
359	象 象	24262 242B1 爲 爲		The two glyphs in the Exceptions column are not appropriate examples of exception since none of them has the components 象 and 象.
360	鼠 鼠			None of the glyphs shown in the Examples column has the component 鼠

361	囪 囪 囪 囪			The two glyphs indicated in red circle in the UCV column are exactly the same. It is suggested to replace one of them by 囪.
362	礻 礻			It is suggested to provide the multi-column code chart of U+25626 to better illustrate the unification:
363	丬 爿		Nil	No examples of unification are given. Should this pair of components be placed under NUC?
364	臧 臧	Nil	Nil	Neither exceptions nor examples are given.

366	兼 ⿰兼⿱一灬	Nil	Nil	Ditto
367	轂 ⿰車殳	24B88 24B9B 𪾈 𪾈	Nil	i. The glyph of U+24B88 is wrong. It should be 𪾈 : 24B88 瓦 98.11 𪾈 UCS2003 𪾈 GKX-0751.15 𪾈 T5-555F ii. No examples of unification are given. Should this pair of components be placed under NUC?
372	彑 彐	05F5B 05F5C 彛 彝 22472 26133 𢆶 𢆶	056/199 38C7 帛 3-3B4A 3-2742 帛 4-2642 4-0634 帛 2F896 070/053 4635 祿 5-496C 5-4176 祿 3-3167 3-1771 祿 2F9C8	i. For U+5F5B in the Exceptions column, it is suggested to choose the G-glyph instead to illustrate the exception: 5F5B 彐 58.13 彛 GE-2953 彝 T3-505E 彝 J1-3C7A 彝 K0-6C2D ii. The second pair of glyphs in the Exceptions column are not appropriate examples of exception for the UCVs since none of them has the component 彑 iii. It is suggested that two pairs of glyphs in the Examples column, i.e. U+38C7 and U+2F896; U+4635 and U+2F9C8, should be moved to the UCV 373:

			20B63 2F838 232B8 2F897 261DA 2F898	373 iv. It is suggested to provide the multi-column code charts of U+20B63, U+232B8 and U+261DA to better illustrate the unification: 20B63 又 29.9 UCS2003 GHZ-10400.08 T6-3D67 232B8 日 72.12 UCS2003 GHZ-21537.05 T7-2D62 261DA 糸 120.16 UCS2003 GKX-0943.20 T7-585D
373		05F50 05F51 2339F 26805		The two pairs of glyphs in the Exceptions column are not appropriate exception examples of the UCVs.

374	孚 孚 孚 孚		109/086 浮 浮 6D56 5-555C 3-3177 5-5360 3-1787	U+6D56 is not an appropriate example of the UCVs since its glyphs only have the component 孚.
381	殼 殼	03C7F 23A8A 殼 殼	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
383	畫 畫	0756B 07575 畫 畫	Nil	Ditto
384	俞 俞		趞 趨 27F2F 2F9D8 鶻 鶻 2A0CE 2FA10	It is suggested to provide the multi-column code charts of U+27F2F, and U+2A0CE to offer a better picture of the glyphs: 27F2F 走 156.9 趞 趞 趞 UCS2003 GKX-1219.07 T4-5427 2A0CE 鳥 196.9 鶻 鶻 鶻 UCS2003 GKX-1495.09 T5-6F40

386	恵 恵	06075 060E0 恵 惠 07A42 07A57 穗 穗 093F8 28ACD 鐩 鐩	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
387	専 專	05C02 05C08 専 專	Nil	Ditto
391	羹 羹	07FAE 07FB9 羹 羹 2688B 268CD 臢 臢	Nil	Ditto
393	走 走	08D70 08D71 走 赱	Nil	Ditto

397	叕 歮		081/015 傑 傑 **510F** E-2244 E-0236 3-644E 3-5846 107/169 **6BA9** E-2F5D E-1561 1-462B 1-3811 113/230 燊 燊 燊 燊 燊 **71E6** 1-3253 1-1851 1-7434 1-8420 0-3B38 0-2724 0-733E 0-8330 1-5E42 1-6234 133/146 蓁 蓁 **8592** E-3B45 E-2737 3-5628 3-5408	i. U+510F, U+6BA9 and U+8592 are not appropriate examples of the UCVs since none of their glyphs has the component 歮. ii. It is suggested to provide the multi-column code chart of U+6BA9 to better illustrate the unification: 6BA9 歹 78.12 GE-2F5D T5-5B72 J1-462B
398	叵 叵	055AE 209A4 單 單 2766C 276BE 褱 褱	Nil	No examples of unification are given. Should this pair of components be placed under NUC?
407	龜 龜		2A6AB 2A6BD	i. U+2A6AB is not an appropriate example of the UCVs since none of its glyphs has the component 龜. 2A6AB 龜 213.4 UCS2003 GHZ-74809.08 T7-5749 ii. It is suggested to provide the multi-column code chart of U+2A6BD to better illustrate the unification:

				2A6BD 龜 213.5 龜 龜 龜 UCS2003 GHZ-74810.15 T7-574A
408	工乞	Nil	Nil	Neither exceptions nor examples are given.

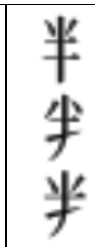
End of document

HK
Dated 2012-11-08

HKSAR's Comments on the Updated UCV List (IRG N1839)

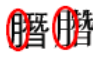
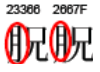
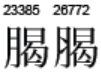
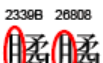
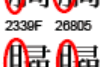
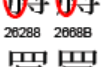
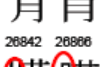
The Hong Kong Special Administrative Region has reviewed the updated UCV list and has the following comments:

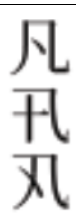
No	UCV	Exceptions	Examples	Comments
27a	夋 夌	04907 2887B 酸 酸		The glyph of U+4907 is wrong. It should be 酸. 4907 酸 酸 酸 GKX-1285.27 T7-3454 K3-3374
32	罘 罘 罘 罕 罘	26FBD 26FDA 蘲 蘲		The glyphs of U+26FBD and U+26FDA are wrong. They should be 蘲 and 蘲 respectively . 26FBD 蘲 蘲 蘲 UCS2003 GKX-1063.40 T5-6433 26FDA 蘲 蘲 UCS2003 G4K

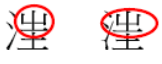
38			53DB 又 29.7 3AB5 斗 68.5	This group of components are unified under “Differences in throwing away at the stroke termination”. U+53DB and U+3AB5 are, therefore, not appropriate examples of the UCVs since the left components of the glyphs throw away at the stroke termination without exception.

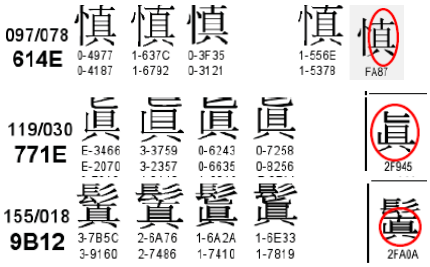
53	月 月 月 月	05E50 03B3A ⿰月帣 ⿰月帣 0670C 080A6 ⿰月分 ⿰月分 0670F 080D0 ⿰月出 ⿰月出 06710 080CA ⿰月句 ⿰月句 06713 08101 ⿰月兆 ⿰月兆 06718 08127 ⿰月夋 ⿰月夋		For most of the exceptions listed, the pair of glyphs look identical to each other. i. It is suggested that the component 月 or 月 should be adopted for the following characters to better illustrate the exception: 5E50 肉 130.9 ⿰月帣 G3-4D56 ⿰月帣 T4-3D2A ⿰月帣 J1-3C33 80A6 肉 130.4 ⿰月分 GE-3953 ⿰月分 T3-2A5B ⿰月分 J1-556F ⿰月分 K1-625A 80CA 肉 130.5 ⿰月句 GE-3956 ⿰月句 HB2-D061 ⿰月句 T2-2D24 ⿰月句 J3-7A4A ⿰月句 K1-5A64 8127 肉 130.7 ⿰月夋 GE-3961 ⿰月夋 HB2-D74F ⿰月夋 T2-3853 ⿰月夋 J1-5631 ⿰月夋 K1-703A 4443 肉 130.14 ⿰月蒙 GKX-0997.08 ⿰月蒙 T3-5866 ⿰月蒙 K3-3039 80F6 肉 130.6 ⿰月交 G0-3D3A ⿰月交 H-89B1 ⿰月交 T3-334A ⿰月交 J1-5624 ⿰月交 K2-553D 813C 肉 130.8 ⿰月兩 G3-4C7C ⿰月兩 T4-3A3E ⿰月兩 J1-5636 ⿰月兩 K2-5553

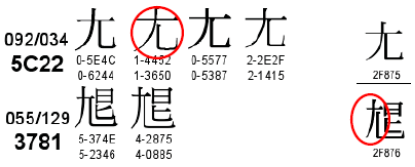
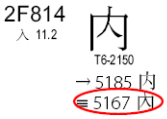
		08723 081A7 膧 膧 08726 04443 朦 朦 08727 268AB 朧 朧 080F6 03B35 胶 胶 0813C 23377 胆 胆 08158 266E2 胆 胆 08192 267FE 胆 胆		8158 肉 130.8 胆 G8-7C55 胆 T6-435A 8192 肉 130.11 胆 G3-4C47 胆 T3-4E3B 4420 肉 130.10 胱 G3-4D47 胱 T4-463F 胱 K3-302A 胱 VZ-896D 4436 肉 130.12 膪 G3-4D71 膪 T4-5264 26805 肉 130.12 腎 UCS2003 腎 GKX-0994.11 腎 T5-5732 26866 肉 130.13 膧 UCS2003 膧 V2-8222 ii. For U+268AB, U+266E9, U+2669C, U+2667F and U+26808, the left component should be 月. 268AB 肉 130.16 朧 UCS2003 朧 GKX-0998.14 朧 T5-6D2B

		03B36 266E9 03B3B 04420 043DE 2669C 04436 233AF  23366 2667F  23385 26772  2339B 26808  2339F 26805  26288 2668B  26842 26866 		

55			3EAC 玉 96.3 GKX-0727.11 T3-2671 2F92A 玉 96.3 TF-2478	U+3EAC and U+2F92A are not appropriate examples of the UCVs since their glyphs are exactly the same.
56		2959B 2959C		It is suggested that 2959B 2959C in the Exceptions column should be moved back to UCV55.
60			2149B 土 32.14 UCS2003 TF-5966	U+2149B is not an appropriate example of the UCVs since none of its glyphs has the component or .

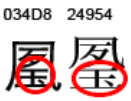
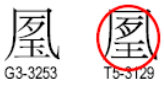
91	角 角	23040 27959 		The glyph of U+23040 is wrong. It should be .
96	山 屮 屮	037B7 2125A 23CEB 23D6D  284CF 284F9 		v. The first pair of glyphs in the Exceptions column seem to have the same component . It is suggested that the T-glyph or J-glyph should be adopted for U+37B7 to better illustrate the exception. vi. The second pair of glyphs in the Exceptions column are not appropriate examples of exception for the UCVs since neither of them have the components 山 and 屮. vii. The third pair of glyphs in the Exceptions column are not

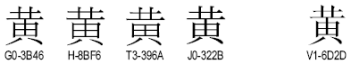
				appropriate examples of exception for the UCVs since neither of them have the components 少 and 中. 284CF 辵 162.7 UCS2003 GCY 284F9 辵 162.8 UCS2003 GKX-1260.13 T6-4F50
112				It is suggested that 真, 眞 and 𥘅 should be added to the list of UCVs.

117				The first and the third glyphs in the UCV column look almost the same. It is suggested that one of them should be replaced by (Note: the "乚" stroke on the right has no contact with the horizontal stroke above).
132a				U+207F3 is not an appropriate example of the UCVs since none of its glyphs has the component .
148				U+5185 and U+2F814 are not appropriate examples of the UCVs. It is suggested to replace U+5185 by U+5167, the compatibility ideograph of U+2F814. 

194	夂 攵	05746 0653B 攸 攻		The two glyphs in the Exceptions column are not appropriate examples of exception for the UCVs since they differ only in terms of the left component, i.e. 土 vs 工.
197	市 市 市	29994 299B4 騵 騵		iii. The first two glyphs in the UCV column are exactly the same. It is suggested to replace one of them by 市. iv. The glyph of U+299B4 is wrong. It should be 騵. 299B4 馬 187.13 騵 UCS2003 騵 GHZ-74581.06
199	艮 艮		97FF 音 180.11 響 G1-4F6C 響 HB1-C554 響 T1-7B40 響 J0-3641 響 K0-7A42 響 V1-6B6C	U+97FF is not an appropriate example of the UCVs since none of its glyphs has the component 艮.

204	成 成			U+665F, U+7B6C and U+8AA0 are not appropriate examples of the UCVs since none of their glyphs has the component 成.
206	止 止			None of the glyphs shown in the Examples column has the component 止.

223	宀 穴		7A77 穴 116.2 穷 G0-476E	U+7A77 is not an appropriate example of the UCVs since it is single-sourced and has no compatibility ideograph.
252	玉 王	034D8 24954 		The glyphs in the Exceptions column seem to have the same component 玉. It is suggested that the T-glyph should be adopted for U+34D8 to better illustrate the exception. 34D8 几 16.9  G3-3253 T5-3129

299		06A2A 06A6B 横横 09EC3 09EC4 黃黃	50D9 人 9.12 G5-3261 H-A0A6 T3-456C J4-217B K2-2351 58B4 土 32.12 G5-365F T3-4B4F 5AF9 女 38.12 GE-2738 HB2-E55C T2-5025 K2-2D3D 5EE3 广 53.12 G1-3963 HB1-BC73 T1-6C5D J0-5722 K0-4E46 V1-543C 5F49 弓 57.12 G5-3F29 HB2-E576 T2-503F K2-3136 6497 手 64.12 G5-4D39 HB2-E5B2 T2-5059 K2-367E 65A2 斗 68.12 G3-7B75 HB2-E9B2 T2-573D K2-382D 66C2 日 72.12 GE-2C7C T4-5050 J1-4260	None of the glyphs in the Exceptions and Examples columns has the component 黃. It is suggested to add U+9EC4 as an example to illustrate the unification. 9EC4 黃 201.0  G0-3B46 H-8BF6 T3-396A J0-322B V1-6D2D
318			087/022 5716 1-4D3C 1-6837 0-5426 0-5371 1-504A 2F84B 1-4528 1-7223 0-5206 0-5181 1-4842 087/023 5717 E-2547 3-4637 2F84D E-0539 3-3823	The two examples given cannot illustrate the unification.

331	兎 兎 兔 兔 兔		Nil	No examples of unification are given. It is suggested to provide the multi-column code charts of U+514E and U+5154 to illustrate the unification. 514E 儿 10.5 兎 GE-2254 兎 T3-2454 兎 J0-4546 兎 K0-774D 5154 儿 10.6 兔 G0-4D43 兔 HB1-A8DF 兔 T1-4C22 兔 J0-513D 兔 K2-237D 兔 V1-4C41
372	彑 彐	05F5B 05F5C 彜 彝 22472 26133 𢆶 𢆶		v. For U+5F5B in the Exceptions column, it is suggested to adopt the G-glyph to better illustrate the exception. 5F5B 彐 58.13 彜 GE-2953 彝 T3-505E 彝 J1-3C7A 彝 K0-6C2D vi. The second pair of glyphs in the Exceptions column are not appropriate examples of exception for the UCVs since none of them has the component 彑.

407			2A6AB 龜 213.4 UCS2003 GHZ-74809.08 T7-5749	U+2A6AB is not an appropriate example of the UCVs since none of its glyphs has the component .

End of document

Universal Multiple-Octet Coded Character Set

UCS

Doc. #: **IRG N1839_ROK_Feedback1**

(= Korea JTC1/SC2 K2144_1),

Date: 2012.11.11.

Author: KIM, Kyongsok

Status: ROK National Body position.

Subject: comments for IRG N1839Draft1 IRGWDS)

ISO/IEC JTC 1/SC 2/WG 2/IRG N 1839Draft1_ROK_Feedback1

Date: 2012-06-20

Source:	IRG
Meeting:	~~IRG#38, Gyeongju, Korea~~
Title:	IRG#39, Hanoi, Vietnam
Status:	IRG Working Document Series (IRGWDS)
Actions required:	Member's submission
Distribution:	Feedback Requested
Medium:	IRG
Pages:	Electronic
	5

Introduction:

IRG Working Document Series (IRGWDS) is a set of IRG maintained documents which keeps the up-to-date lists of CJK unification related example cases to supplement the published Annex S of ISO/IEC 10646 for IRG unification work. The maintenance of the IRGWDS should comply with the operational procedures established in Annex E of the *IRG Principles and Procedures*.

In addition to this document (labeled as SUM) which explains the IWDS with a summary of the examples, there are also 3 document series as listed below:

Series 1: List of UCV (Unifiable Component Variations) of Ideograhs(labeled as UCV)

Series 2: List of Non-Unifiable Components of Ideograph and Overly-Unified Ideographs(Labeled as UCV)

Series 3: List of Possibly Mis-Unified Ideographs(Labeled as MUI).

Names of IRGWDS files:

Each IRGWDS file is named as IRGWDS_*SSS*_*nn* where *SSS* is the name of the specific series and *nn* refers to the IRG meeting where the list is confirmed. Thus, file names of lists of unification/separation examples which are updated from time to time will look like:

IRGWDS_SUM_nn: a summary of IRGWDS documents

IRGWDS_UCV_nn: UCV list (Series 1)

IRGWDS_NUC_nn: Non-Unifiable Components (Series 2)

IRGWDS_MUI_nn: Possibly Mis-Unified Ideographs (Series 3).

~~Files may be added an additional IRG N number~~.

-→File names may include IRG N number in addition.

Detailed Specification of the Standing Document Series

This section explains the nature of each series as well as the format and the information contained in each series.

1. List of Unifiable Component Variations (UCV)

The UCV list provides the list of component variations to be unifiable observed from existing UCS multi-column charts, or proposed and agreed among IRG members to be unifiable.

If two ideographs differ only in terms of the components in the UCV list, but satisfy the requirement for dis-unification according to dis-unification rules, such ideographs may be encoded differently. However, such cases are exceptional and should be exhaustively listed in this document under the related components to avoid confusion for consideration of other characters.

Unification is meant to be at the component level only. In other words, if the components themselves are also ideographs proper, this list does not imply that the corresponding ideographs proper are unifiable.

The following is the format for each entry in the file:

a. No.: The serial number of the entry for reference that is unique throughout the standardization works.

b. UCV: List of actual glyphs of UCV

c. References: Excerpt from existing document (e.g. JIS X 0213 and HYDZD)

d. Exceptions: The exhaustive list of dis-unification examples.

e. Unified Examples: The example list of unified ideographs and compatibility ideographs, and notes if necessary

The following is an example of a typical entry in UCV list.

No.	UCV	References	Exceptions	Examples
			2235A 24C7F ⿱雨寅 ⿱雨寅 22B85 22BA7 ⿰扌畀 ⿰扌畀	
75	冉 冉	冉 冉 (JIS X 0213 - 47) 冉⑤ 冉⑤ 再篝 (HYDCD - 25)		081/141 518D 再 0-5459 0-5257 再 1-4742 1-3934 再 0-3A46 0-2638 再 0-6E22 0-7802 再 1-4C54 1-4452 再 2F815 081/137 5189 冉 0-483D 0-4029 冉 1-4574 1-3784 冉 0-5147 0-4939 冉 1-6752 1-7150 冉 1-4C52 1-4450
76	冓 冓 冓	冓 冓 (JIS X 0213 - 46)		081/147 5193 冓 3-3025 3-1605 冓 2-2E23 2-1403 冓 0-514A 0-4942 冓 1-5A47 1-5839
77	舍 舍	舍 舍 (JIS X 0213 - 194) 捨 捨 (JIS X 0213 - 49)	08216 08217 舖 舖 0820D 0820E 舍 舍	099/104 6368 捨 1-4961 1-4165 捨 1-5A6F 1-5879 捨 0-3C4E 0-2846 捨 0-5E57 0-6255 捨 1-572E 1-5514 捨 2F8B8

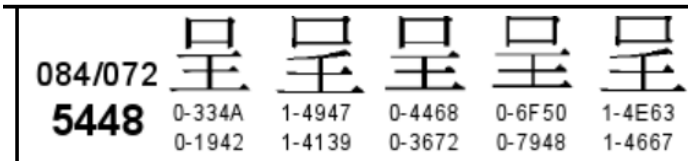
// start of gims' comment:

Need to add the following portion from UCV so that people can understand "The glyph of comptb. char U2F957 is unifiable with glyphs of U5448 and they are well unified."

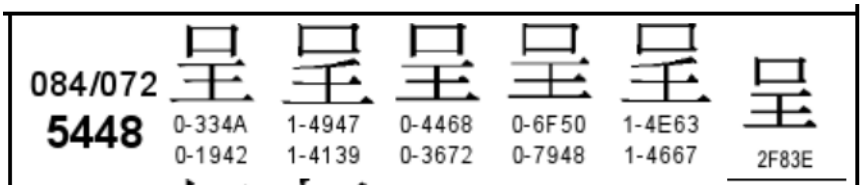
"

No.	UCV	References	Exceptions	Examples
a. Differences in rotated strokes/dots				
a-1. Differences in stroke initiation direction				
1	壬 壬	王 壬 壬 (JIS X 0213 - 1)	04E1F 04E22 丟 丟 04EFB 04EFC 任 任	084/072 5448 呈 0-334A 0-1942 呈 1-4947 1-4139 呈 0-4468 0-3672 呈 0-6F50 0-7948 呈 1-4E63 1-4667 呈 2F83E 095/249 5FF9 怔 3-5137 3-4923 怔 3-2623 3-0603 怔 2F89F

// end of gim's comment



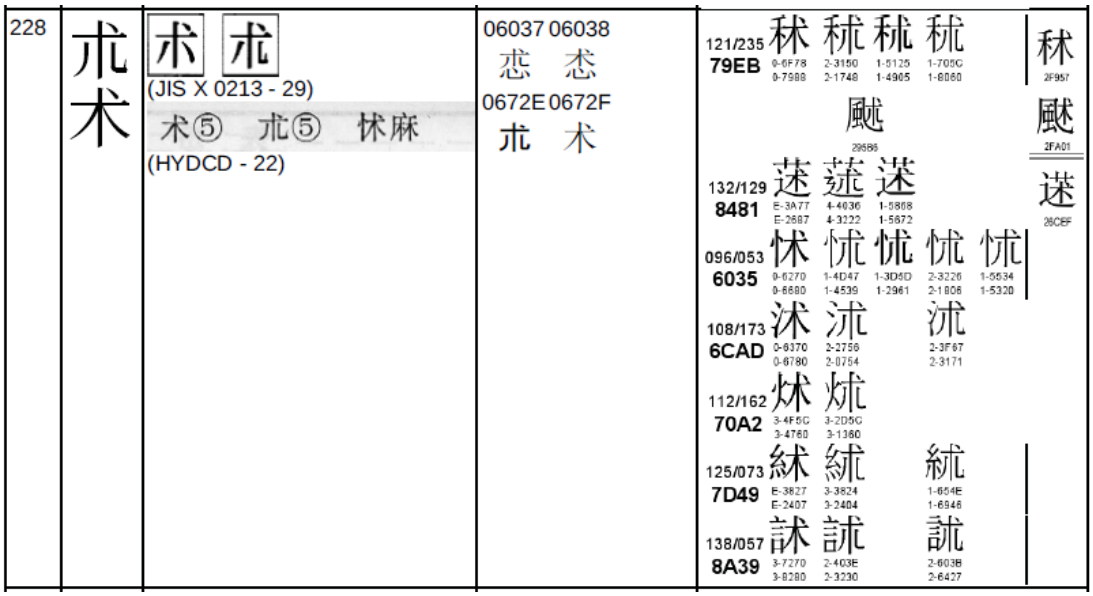
These five glyphs are unifiable and they are well unified



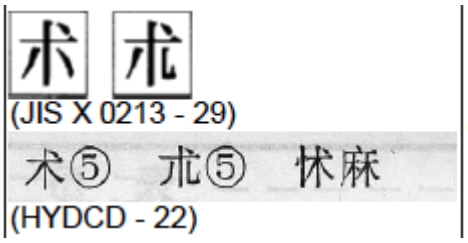
The glyph of comptb. char ~~U2F957~~ → U2F83E(??) is unifiable with glyphs of U5448 and they are well unified.

// start of gim's comment:

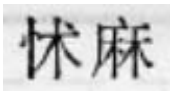
Need to add the following portion from UCV so that people can understand "The above example shows Japanese JIS X 0213 Unification Criteria Number and Hanyu-Dacidian Unification number".

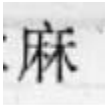


// end of gim's comment



The above example shows Japanese JIS X 0213 Unification Criteria Number and Hanyu-Dacidian Unification number.

// I wonder why  is included.

// seems relevant. However,  does not seem relevant ???

2. List of Non-Unifiable Components of Ideograph(NUC)

The NUC list provides the list of component variations which are not to be unified. This list should be kept as minimum as possible. Components that are not obviously unifiable will not be listed here. That is, it should only list those that are close in glyph shapes which cognitively can be confusing. In other words, this list should only contain the components which are (possibly inappropriately) unified by precedence during the IRG working processing, or components that are stated to be unifiable by some local national standards, but not in the UCS.

Furthermore, this list should not contain components which are either (1) KangXi radicals (such as 𠂉、vs. 𠂇) or (2) simplified vs. traditional components with no precedence of unification (such as 飺 vs 门).

Components	Analysis	Samples
厤 厤	Unifications	
	Separations	厤厤, 厯厯, 厝厝, 厯厯, 瀝瀝, 厝厝, 厯厯
	厤-only	none
	厤-only	厝厥厯厯厤厤厯厯厭厯厯厝厲厥厝厯厭厲魘厲厲
閒 間	Unifications	嘪 053/244 35F4 嘪 嘪 嘪 嘪 5-3856 5-2454 4-492D 4-4113 3-226F 3-0279 0-3338 0-1924 2-4-34 2442 a4c2 f1c0 35F4 嘪 30（口）12 4277 ガン人名 マ 嘪口(マグチ・姓) 嘪 嘪 嘪
	Separations	僩僩, 嫺嫺, 憪憪, 撊撊, 橍橍, 澗澗, 爛爛, 癇癇, 瞯瞯, 磵磵, 簡簡, 繝繝, 蕑蕑, 襉襉, 覸覸, 譋譋, 鐧鐧, 閒閒, 鬅鬅, 鷳鷳, 嵧嵧, 礀礀, 蹋蹋, 醨醨, 鏑鏑, 鯛鯛, 齵齵
	間-only	嘪墹嘪琱椆聑蜩鶗䰟
	閒-only	膶殰獜觸輖騆

The following is the format for each entry in the file:

a. Components: List of non-unifiable glyphs that is unique throughout the standardization works

b. Analysis: Evidence(s) for dis-unification will be listed separately. Typical ones are already separated ones and ideographs which are encoded by one-side only.

// start of gim's comment.

We could probably add the following explanation for each type of row (uni, sepa, *-side only).

b-1. Unifications: shows examples where characters in each group should not have been unified (i.e., should have been encoded separated) in UCS. ← Is this what is meant here ? (I am confused as to the meaning of "Unifications")

b-2. Separations: ?? If examples for separations come from UCS, then we need to capture the relevant portion so that people can see UCS code position and other info. If not, where do these examples come ? I am confused here.

Need to add explanation as to the meaning of separation.

b-3. ??-only: Nearly the same comments for b-2 apply here.

Need to add explanation as to the meaning of ??-only.

// end of gim's comment

c. ~~Examples~~ → samples: List of ~~exhaustive possibly over-unified ideographs (if exists)~~

The following is an example of a typical entry in NUC:

// start of gim's comment:
Need to add the following portion from UCV so that people can understand "These examples come from UCS. These shows that usually G-Source and TJK-Source of U+58F3 are usually separately encoded as shown in `Separations', while only U+58F3 these shapes are unified".

264a	声 声	**Unifications**	088/243 **58F3** 壳 壳 壳 壳 0-3F47 3-282D 1-385E 2-2B3E 0-3139 3-0813 1-2462 2-1130 鷇 鷇 293FB
		Separations	殼殼, 毀毀, 縠縠, 觳觳, 鷇鷇, 梡梡, 轂轂, 榖榖, 斅斅, 蔱蔱, 蛓**蛓**, 鷩鷩

// end of gims' comment

Unifications	088/243 **58F3** 壳 壳 壳 壳 0-3F47 3-282D 1-385E 2-2B3E 0-3139 3-0813 1-2462 2-1130 鷇 鷇 293FB

Separations	殼殼, 毀毀, 縠縠, 觳觳, 鷩鷩

These examples come from UCS. These shows that usually G-Source and TJK-Source of U+58F3 are usually separately encoded as shown in `Separations', while only U+58F3 these shapes are unified.

// start of gim's comment:

RE: the No for UCV and NUC.

No.	Components	Analysis	Samples
163	臣 匜	Unifications	
		Separations	宦宧, 弫弫, 栢栢, 臣匜, 茝茝, 賾賾, 頤頤, 咂咂, 焣焣, 畦畦, 緊緊, 胵胵, 䶂䶂, 𨱔𨱔
264a	壴 壴	Unifications	088/243 壳 壳 壳 壳 壳 58F3 0-3F47 3-282D 1-385E 2-2B3E 0-3139 3-0813 1-2462 2-1130 鼙 鼙 293FB
		Separations	殼殼, 㲉㲉, 縠縠, 觳觳, 鷇鷇, 梡梡, 轂轂, 榖榖, 斅斅, 蔱蔱, 𣪘𣪘, 鷲鷲

The numbe of the first entry in NUC is 163, NOT 1 (see the above figure). The next number is 264a.

My understanding is that, in the past, all entries in UCV and NUC are numbered in sequence.

Since we now keep UCV and NUC separately, it may be somewhat hard to use/assign one sequence of numbers for both UCV and NUC.

We could consider giving a separate sequence of numbers for NUC while UCV uses the old numbers. The last number used for UCV seems 408. We can use 409 for the next UCV entry.

For NUC, we could probably use, say, 8nn (starting with 800 or 801).

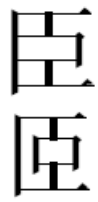
Furthermore, since we have only about 16 entries for NUC, we could give 8nn numbers to the existing entries in NUC while keeping the old number in parentheses. For new NUC entries we can give just an 8nn number only. By doing this, we can easily understand that 8nn are NUC

entries.

- Probably we can give 9nn for MUI in the future.

If we give 8nn numbers to the existing NUC entries, the number column will change as follows:

(before giving 800 numbers to NUC entries)

No.	Components	Analysis
163		Unifications
		Separations
264a		Unifications
		Separations
294		Unifications
		Separations

=➔

(after giving 800 numbers to NUC entries)

No.	Components	Analysis
801 (163)		Unifications
		Separations
802 (264a)		Unifications
		Separations
803 (294)		Unifications
		Separations

// end of gim's comment

// start of gim's comment

I suggest to start each of the following sections (a-1, a-2, .. b-1, …) on a new page.

Suppose that one has a printed copy of this list with personal notes and that one NEW entry was inserted into section a-1. Then we may have to print all pages since page breaks are changed on almost every page; furthermore we may have to copy all the personal notes in the old copy to the new copy – a time-consuming job!!!

If we start each section on a new page, then we can print only section a-1 while keeping the old copy of the other sections.

Summary of UCS Ideograph Unifiable Component Variations

Table of Contents

a. Differences in rotated strokes/dots

a-1. Differences in stroke initiation direction

a-2. Differences in open direction of two strokes

a-3. Differences in throwing away at the stroke termination

a-5. Differences of stroke or dot

b. Differences in intersection and extension of two strokes or dots

b-1. Differences in intersection at the stroke initiation and/or termination

b-2. Differences in contact of strokes

b-3. Differences in crossing of strokes

b-5. Differences in contact point of two strokes

c. Differences in contact of strokes

// end of gim's comment

3. List of Possibly Mis-Unified Ideographs(MUI).

MUI list provides the possibly mis-unified ideographs as pairs of CJK compatibility ideographs and their corresponding CJK unified ideographs, which have different semantics and pronunciations with the supplied related reference information in a single document (possibly a dictionary).

It is possible that the coded CJK compatibility ideographs listed in this document need to be proposed as new CJK unified ideographs. However, extreme care must be taken to assure the compatibility with existing standards in accordance with Annex I of WG2's Principles and

Procedures.

The following is the format for each entry in the file:

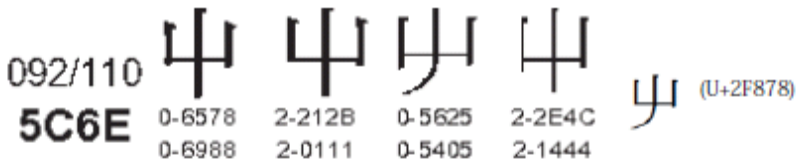
a. U-code: The UCS codepoint

b. Characters: List of possibly non-unifiable ideographs.

b. References: Excerpts of their usage from a single document source .

The following is an example of a typical entry in MUI:

092/110
5C6E



中	中	屮	中
0-6578	2-212B	0-5625	2-2E4C
0-6988	2-0111	0-5405	2-1444

屮 (U+2F878)

【屮】7826 サ 〔玉篇〕作可切 哿

屮 小 ひだりの手。左(4－8720)に通ず。〔説文〕屮、左手也、象形。〔段注〕俗以左右爲ナ又字。

解字 象形。屮を左手とし𠂇を右手とする。手のかたちにかたどる。一説に、反又(𠂇)に從ひ、指事といふ。後、屮の字を左の字とし、左(たすく)の義は佐に作る。〔説文通訓定聲〕屮、按从反又、指事、屮、所以左又手者也、經傳皆以左爲之。

参考 中(4－7825)は別字。〔康熙字典、辨似、二字相似〕中音徹、草木初生也。屮、同左。

【中】7825 日 テツ テチ 〔集韻〕敕列切 屑 ㄔㄜˋ ch'ê⁺ 日 サ ソウ 〔集韻〕采早切 晧

中 小 日め。めばえ。めばえる。めぐむ。〔説文〕中、艸木初生也、象丨出形有枝莖也、讀若徹。〔六書故〕中、草木之生也微、故从艸之半。日艸(9－30638)の古字。〔説文〕中、古文或㠯爲艸字。〔集韻〕艸、或作中。

解字 象形。くさのめばえた形にかたどる。丨は伸びるさまをあらはし、兩旁は其の枝をあらはす。假借して艸の字とする。〔説文、中艸木初生也象丨出形有枝莖也古文或㠯爲艸字、段注〕丨、讀若囟、引而上行也、枝、謂兩旁、莖、枝柱、謂丨也、過乎中則爲虫、下垂根則爲木、云云、凡云古文以爲某字者、此明六書之假借。

参考 屮(4－7826)は別字。〔康熙字典、辨似、二字相似〕中、音徹、草木初生也。屮、同左。

(End of document)