

Universal Multiple-Octet Coded Character Set UCS

ISO/IEC JTC1/SC2/WG2/IRG N2105

Date: 2015-11-19

Source:	CJK editorial group
Title:	CJK_F2 Editorial Group Report
Meeting:	IRG#45, Hong Kong SAR, China
Status :	To be Approved by IRG plenary
Actions required	To be followed by IRG members
Distribution:	IRG
Medium :	Electronic
Page:	2
Appendix:	2

Editors from China, Japan, R.O.Korea, TCA, Hong Kong SAR, Macau SAR, US and Unicode Consortium met during IRG#45. Mr. John Knightley (individual), Mr. Michel Suignard (UCS Project Editor), representatives of SAT attended the meeting. The editorial group discussed the CJK_F2 and related issues as below.

1. Consolidated Comments

Reference:

- Consolidated Comments on IRGN2088 CJK_F2v4
 - Japan: IRGN2088ConsolidatedCommentsOnF2v4_JpResponse
 - SAT: IRGN2088_SATResponse

The editorial group reviewed all unification cases, radical cases and stroke count cases in the consolidated comments, and discussed them with corresponding responses. The IRG Chief Editor was required to recheck the possible questioned stroke counts and first strokes, then generate CJK_F2v5.0 attributes reflecting the discussion conclusions.

For records, see Appendix 1.

2. Japan e-Government characters

Reference:

- Japan: IRGN2088 Explanations on JMJ pending characters

The IRG#44 agreed to take Japan e-Government characters from the postponed list (whose characters were frozen for CJK_F2) back to the CJK_F2 because IRG noted these characters were already used in Japan e-Government system. As required at

IRG#44, this Japan document gives explanations for all these characters for questions of unification, radical, stroke count and first stroke. The editorial group reviewed and discussed this document. The IRG Chief Editor was required to generate CJK_F2v5.0 attributes reflecting the discussion conclusions.

For records, see Appendix 2.

3. Postponed Characters

Reference:

- Consolidated Comments on IRGN2088 CJK_F2v4
 - UTC: IRGN2088 UTC Comments
 - ◆ China: Reply to IRGN2088 UTC Comments
 - UTC: IRGN2088 UTC Further Comments
 - ◆ China: Reply to IRGN2088 UTC Further Comments

These documents commented on postponed characters in CJK_F2v4.0. The editorial group did not review these documents at this meeting because IRG#44 decided to freeze all postponed characters. However, the editorial group would like to consider these characters for IRG collections in future.

4. CJK_F2 Schedule

The editorial group set the review schedule of CJK_F2 as below:

- 2015-11-20: The IRG Chief Editor distributes the updated CJK_F2 attributes.
- 2015-11-27: The UCS Project Editor distributes the pre-production code charts (IRGN2125) of CJK_F (including CJK_F1, CJK_F2 and CJK_UNC).
- 2015-12-04: IRG members' chief editors send comments to the IRG editorial group and the IRG Rapporteur.
- 2015-12-11: the IRG Chief Editor sends consolidated comments to the UCS Project Editor; the submitters send updated fonts and revised mapping table (if necessary) to the UCS Project Editor.
- IRG Rapporteur distributes the code charts to IRG members once available.
- 4 weeks after the distribution of code charts: The IRG members' chief editors send comments to the IRG Chief Editor and the IRG Rapporteur.
- 5 weeks after the distribution of code charts: The IRG Chief Editor distributes comments for IRG reference.

Appendix 1: Discussion record of the consolidated comments on CJK_F2v4.0

Appendix 2: Discussion record of the J e-Government characters in CJK_F2v4.0

IRGN2105 Appendix1: Discussion record of the consolidated comments on CJK_F2v4.0

Note: The First Stroke comments will be checked by the IRG Chief Editor later.





Consolidated Comments on IRGN2088 CJK Extension F2 v4.0

This document contains comments from China, Japan and HKSAR. The UTC comments are about the postponed or unified characters, they are kept in a separate document, *IRGN2088_UTC_Comments.pdf*.





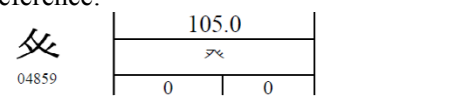

The document contains comments relating to unification, radical, SC and font quality. The FS comments are not consolidated because they will be checked by the IRG Chief Editor later.


1. Unification

SN1	Image 1	SN2	Image 2	Comment	IRG#45 Discussion Record	Comment from
00860	卽 JMJ-057110	U+537D	卽 0537D	IWDS#355 355 𠂔 𠂔 𠂔 𠂔 𠂔	disunify	H
01409	回 JMJ-037624	U+2314D	回 2314D	Identical glyphs	Withdraw	H
07494	鉗 Z_SAT01024	U+28943	28943 金 167.3 鉗 鉗 鉗 UCS2003 GKX-1297.13 T6-4576	No exactly corresponding UCV, but no existing disunification of this glyph difference is found	SAT withdraws it from CJK_F2. (SAT suggests to unify it with U+28951.)	J







SN1	Image 1	SN2	Image 2	Comment	IRG#45 Discussion Record	Comment from
07545		U+92D8	92D8 <small>金 167.7</small> 	No exactly corresponding UCV and no existing unification. This variant shape of “𨮑” was never coded separately.	G	J
07574		U+939E	939E <small>金 167.10</small> 	No exactly corresponding UCV, but 1 existing disunifications in URO, 7 existing disunification in Ext B.	Unify	J














2. Radical









SN1	Image 1	Comment	Note	Comment from	IRG#45 Discussion Record
00496	 JMJ-056981	Radical should be “table” (几) Discussion record: back for J governmental use, irg44. postponed changing Radical to 几(table) irg40.	Original attributes: 12.0 八 4 3	H	accept
00509	 JMJ-056988	Radical should be “private” (厶) Discussion record: back for J governmental use, irg44. postponed changing Radical to 厶(private) but unify 00511, irg40.	Original attributes: 12.0 八 8 3	H	accept
02768	 JMJ-059643	Radical = hollard (戈)?	Original attributes: 64.0 手 0 0	H	No change
05195	 JMJ-058205	Radical = dotted dent (𠂇)? Reference: 	Original attributes: 113.0 示 5 3	H	Keep the 示
07741	 JMJ-058976	Radical = mound?	Original attributes: 170.0 阜 6 3	H	Keep the 阜











SN1	Image 1	Comment	Note	Comment from	IRG#45 Discussion Record
07818	 JMJ-060324	Radical = tree (木), SC = 16 and FS = 3?	Original attributes: <div>74.0</div> <div>月</div> <div>16 3</div>	H	accept








3. Stroke Count

SN1	Image 1	Comment	Note	Comment from	IRG#45 Discussion Record
02371	 JMJ-057460	SC = 1 (FS = 4, so there must be at least 1 stroke)	Original attributes: 57.0 弓 0 4	H	1 confirmed.
03317	 KA-KC05176	SC = 13 #33 of IRGN 954AR & IRGN 1105 33 臣 一 6 臣	Original attributes: 72.0 日 14 1	H	13 confirmed.
04602	 KA-KC05389	SC = 10 #36 of IRGN 954AR & IRGN 1105 36 艹 4 艹 艹 艹 艹 艹 艹	Original attributes: 96.0 玉 9 2	H	10 confirmed
04654	 KA-KC06523	SC = 15	Original attributes: 96.0 玉 17 4	H	15 confirmed
04905	 Z_SAT01935	SC = 5 If FS is 3, SC must be 5.	Original attributes: 107.0 皮 4 3	H	5 confirmed
04953	 JMJ-058150	SC = 9	Original attributes: 108.0 𠂔 10 4	H	9 confirmed

SN1	Image 1	Comment	Note	Comment from	IRG#45 Discussion Record
04960	 G_ZJW01966	SC = 16 Reference: The SC of 鼎 (U+9F0E) is 13.	Original attributes: 108.0  15 2	H	16 confirmed
05042	 KA-KC06554	SC = 9 Reference:  102.0 畢 04714 田 JMJ-058090 4 1	Original attributes: 109.0  10 2	H	10 confirmed Font will be improved
05335	 KA-KC05510	SC = 10	Original attributes: 115.0  11 3	H, G	10 confirmed
05372	 KA-KC06600	SC = 7 Reference: The SC of 牙 (U+7259) is 4  145.0 𪔐 06697 衣 KA-KC05694 7 4  147.0 𪔐 06770 見 KA-KC05698 4 1	Original attributes: 116.0  8 2	H	7 confirmed
05406	 KA-KC06604	SC = 12	Original attributes: 116.0  11 1	H, G	12 confirmed

SN1	Image 1	Comment	Note	Comment from	IRG#45 Discussion Record
05519	 Z_SAT04912	SC = 12	Original attributes: 118.0 竹 11 2	H, G	12 confirmed
05591	 KA-KC07100	SC = 19 #36 of IRGN 954AR & IRGN 1105	Original attributes: 118.0 竹 18 3	H	19 confirmed
05645	 JMJ-058296	SC = 10	Original attributes: 119.0 米 9 1	H	9 confirmed
05668	 Z_SAT02077	SC = 13 Reference: The SC of 𪛗 (U+821B) is 6  75.0 𪛗 03480 木 1 JMJ-057740  86.0 𪛗 04232 火 3 KA-KC05311	Original attributes: 119.0 米 14 5	H	13 confirmed
05810	 KA-KC06647	SC = 12 Reference:  192.0 𪛗 08209 𪛗 1 JMJ-059075	Original attributes: 121.0 𪛗 13 3	H	12 confirmed

SN1	Image 1	Comment	Note	Comment from	IRG#45 Discussion Record
06016	 Z_SAT00010	SC = 10	Original attributes: <div> <div>130.0</div> <div>肉</div> <div>11 3</div> </div>	H	10 confirmed
06339	 Z_SAT04147	SC = 12	Original attributes: <div> <div>140.0</div> <div>艸</div> <div>11 3</div> </div>	H, G	12 confirmed
06522	 JMJ-060155	SC = 14 Reference: The SC of  (U+821B) is 6 <div> <div>  <div> <div>75.0</div> <div>木</div> <div>7 1</div> </div>  </div> <div>  <div> <div>86.0</div> <div>火</div> <div>6 3</div> </div>  </div> </div>	Original attributes: <div> <div>141.0</div> <div>𧇛</div> <div>15 1</div> </div>	H	14 confirmed.
06636	 Z_SAT02504	SC = 15	Original attributes: <div> <div>142.0</div> <div>虫</div> <div>16 3</div> </div>	H	15 confirmed.
06762	 JMJ-058719	SC = 6	Original attributes: <div> <div>146.0</div> <div>𧇛</div> <div>7 3</div> </div>	H	6 confirmed.


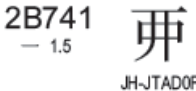

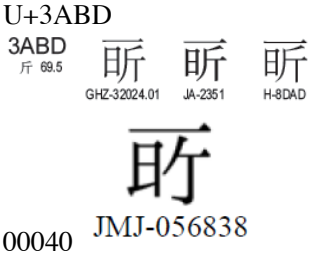



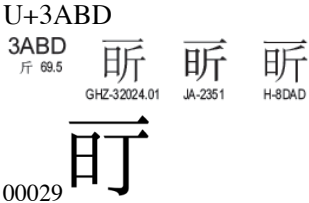
SN1	Image 1	Comment	Note	Comment from	IRG#45 Discussion Record
06823	 KA-KC06774	SC = 3	Original attributes: 149.0 言 4 4	H	4 confirmed, font to be improved.
06936	 KA-KC05728	SC = 11	Original attributes: 152.0 豕 12 4	H	11 confirmed.
07074	 G_Z1252506	SC = 9	Original attributes: 157.0 足 8 3	H, G	9 confirmed.
08510	 JMJ-060379	SC = 0  08505	Original attributes: 213.0 龜 4 0	H	0 confirmed.
05825	 Z_SAT03442	SC=9?  05825	122.0 网 8 2	Which component is radical? The upper one or the middle one? G	Radical 日, sc 9.

SN1	Image 1	Comment	Note	Comment from	IRG#45 Discussion Record
06030	<div>𧢲</div> <div>Z_SAT05514</div>	<div><div><div>𧢲</div><div>06030</div></div><div><div>𧢲</div><div>SC=13?</div><div>𧢲</div><div>Z_SAT01877</div></div><div>sc 5, for 5, irg43. sc 4, irg43.</div></div>	<div><div>130.0</div><div>肉</div><div>141</div></div> <div>瓦 5 strokes, see U+74E6 瓦 瓦 4 strokes, see U+4F64𧢲. Related SC 5 was recognized for CJK_F 06799 at IRG43.</div>	G	14 confirmed.







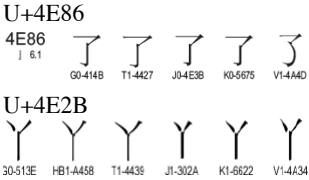
IRGN2015 Appendix 2: Discussion Record on J e-Government Characters


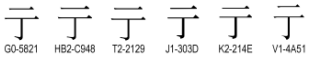
Table 1. Unification Issues




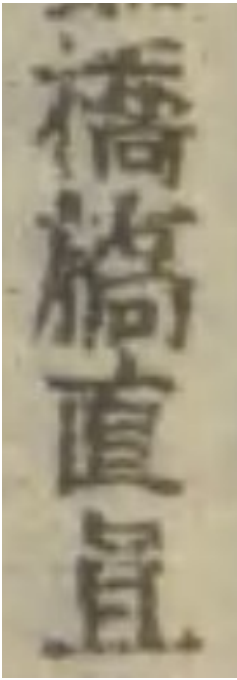
SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
00004	 JMJ-059294	U+5140	 5140 元 10.1 G0-5823 T1-4442 J0-513A K0-6884 V1-4C36	postponed being unified by U+5140, but unified by 00614, irg40.	 119 元 (JIS X 0213 - 69)	K	Unify. JAPAN accept unification of JMJ-059294 to U+5140. However, in accordance with Annex S, it might not be unified. Decision shall be made by IRG meeting.	Y
00006	 JMJ-056823	U+221B0	 221B0 玄 52.1 UCS2003 GHZ-21092.15	postponed being unified b - U+221B0, irg40.		K	Unify. JAPAN agrees unification of JMJ-056832 to U+221B0. There are explicit evidences that both JMJ-056823 and U+221B0 are popular shapes of U+06C10. Ref. (新大字典:19) and U+221B0 (新大字典:4311) 	y

SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
00022		U+2B741		postponed being unified b - U+2B741, irg40.		J	Pronunciation of U+2B741 is “USAGI”(rabbit) MJ-059297 is “SAI”. So, it is considered that these glyphs are non-cognate each other. JNB could not explicit evidence that these two glyphs are cognate. JNB proposes not to unify these two glyphs to take s decision.	Y
00029		U+3ABD, 00040		postponed being unified b - U+3ABD and 00040, irg40.		K	Unify with CJKF:00040 JAPAN agrees unification of CJKF:00029 v CJKF:00040. CJKF:00029 should be the representa glyph printed in the standard. However, CJKF:00029 is not unifiable with U+03A due to annex S.1.4.3. 𤝵 and 𤝵 are different componer accordance with Annex S.1.4.3	Y
00032		U+5937		postponed being unified b - U+5937, irg40.		K	Not Unify. Although MJ-056834 is variant of U+5937(C MJ-056834 should not be unified to U+5937 becaus Annex S.1.4.1.	Y
00040				postponed being unified b - U+3ABD and 00029, irg40.		K	Unify. JAPAN agrees unification of CJKF:00029 v CJKF:00040, and CJKF:00029 should be the represe glyph. However, CJKF:00029 is not unifiable with U+03A due to annex S.1.4.3.	Y

SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
00041	 JMJ-056837	U+4E9E	 4E9E 7.5 G1-5147 HB1-A8C8 T1-4B69 J0-5033 K0-942C V2-942C	postponed being unified b - U+04E9E, irg40.		G	Unify. JAPAN agrees unification of JMJ-056837 v U+4E9E(亞).	y
00044	 JMJ-056843	U+7121, 00048	 U+7121 7121 火 86.8 G1-4E9E T1-9052 J0-4C35 K0-596D V1-5E2B 無 無 無 無 無 00048	postponed being unified b - U+7121 and 00048, irg40.		K	Not Unify. JAPAN disagrees this unification. The difference of glyph shapes is significant. There are existing dis- unifications;魚(U+9B5A) vs 鱼(U+9C7C), 馬 (U+99AC) vs 马(U+2B809), 鳥(U+9CE5) vs 鸟 (U+2B813). Other dis-unified examples: 嶺(U+21EF5):嶺(U+21EEB) 旒(U+65BB):旒(U+230DA) 跣(U+27FE6):跣(U+47D8) 航(U+28228):航(U+28222) 鮐(U+29D78):鮐(U+9B67) 銻(U+9253):銻(U+9230)	Y
00046	 JMJ-056845	00189	 直 JMJ-056892	postponed unifying 00189 - irg40.		K	Unify to U+76F4 JAPAN suggests unification of JMJ-056845 to U+76F4	Y
00048	 JMJ-056842	U+7121, 00044	 U+7121 7121 火 86.8 G1-4E9E T1-9052 J0-4C35 K0-596D V1-5E2B 無 無 無 無 無 00040	postponed being unified b - U+7121 and 00044, irg40.		K	Not Unify. JAPAN disagrees this unification. The difference of gl shapes is significant. There are existing dis-unification: (U+9B5A) vs 鱼(U+9C7C), 馬(U+99AC) vs (U+2B809), 鳥(U+9CE5) vs 鸟(U+2B813).	y



SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
00102	 MJ-056856	U+723B		postponed being unified b - U+0723B, irg40.		G,H,K	Not Unify. Although the difference of glyph shapes is slight, they are non-cognate characters. MJ-056856 means Śrāvaka(声聞). JNB could not find explicit evidence that MJ-056856 and U+723B are cognate each other. So to be safer side, JNB take Non-Unification position. 	Y
00137	 MJ-000012	U+340C		postponed being unified b - U+340C, irg40.		K	Not Unify. JAPAN disagrees this unification. The corresponding components are so different.	Y
00166	 MJ-056872	U+4E86, U+4E2B		postponed being unified b - U+4E86 or U+4E2B, irg40.		G	Not Unify. MJ-056872 is popular shape of U+4E86. MJ-056872 glyph and U+4E86 glyph should not unified in accordance with Annex S. MJ-056872 and U+4E86 are non-cognate each other.	y





SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
00178	 MJ-056881	U+4E8D	U+4E8D  <small>G0-5B21 HB2-C948 T2-2129 J1-303D K2-214E V1-4A51</small>	postponed being unified b - U+04E8D, irg40.		K	Not Unify JAPAN disagrees this unification. They are non-cognate character. MJ-056881 is popular shape of U+5E72(𠂇)	Y


























SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
00189	 MJ-056892		 00046 MJ-056845  00801 Z_SAT01887	postponed being unified b - 00801 and 00046, irg40.		K	<p>Not Unify. MJ-056892 and MJ-05684 seems popular shape or incorrect shape of 直. However, these shapes should not be unified each other, in accordance with Annex S. Z_SAT01887 looks like 旨. So, this might be unified with U+65E8. Decision is up to SAT and IRG.</p> 	y

SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
00190	亨 JMJ-056891	U+4EA8	4EA8 → 8.5 亨 亨 亨 亨 亨 G0-3A60 T1-489C J0-357C K0-7A7B V1-4A5E	postponed being unified b - U+4EA8, irg40.		K	Not Unify. JAPAN disagrees on this unification. The corresponding components are not unifiable 口/日. There are a lot of preceding examples of Non-Unification: 京(U+4EAC): 京(U+4EB0), 勅(U+52CD): 勅(U+2087D), 掠(U+63A0): 掠(U+22C4A), 景(U+666F): 景(U+3B0C), 稂(U+7A24): 稂(U+416B), 鯨(U+8F2C): 鯨(U+28361), 麋(U+9E96): 麋(U+2A2D4), 惊(U+3E41): 惊(U+24692), 瞭(U+4041): 瞭(U+25218), 就(U+23135): 就(U+23136), 鯨(U+27900): 鯨(U+2791A)	Y
00191	乘 JMJ-056893	U+4E57	4E57 J 4.8 乘 乘 乘 乘 GE-2131 T3-2B22 J0-3E68 K2-2138	postponed being unified b - U+4E57, irg40.		K	Not Unify JAPAN disagrees on this unification. The difference of glyph shapes is significant. (Annex S.14.3)	y
00309	脩 JMJ-056930	U+4FFB	4FFB 人 9.8 脩 脩 GE-2173 T3-2F58	postponed for decision c they are unclear i IRGN1973, irg42. no unified to U+4FFB, irg41.	脩(U+4FFB) Unification Rule # 068, 069	K	Not Unify. JAPAN disagrees on this unification. The corresponding components are so different (Annex S.1.4.3). In this case UCV#68 or UCV#69 can not be applicable.	Y
00435	儼 JMJ-056960	U+513C	513C 人 9.20 儼 儼 儼 儼 儼 G1-6B02 T1-7B57 J0-5137 K0-6570 V1-4C35	postponed being unified b - U+513C, irg40.		K	Unify JAPAN agrees unification of JMJ-056960 to U+513C.	Y

SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record										
00495	<div>失</div> <div>JMJ-056982</div>	U+5931	<div>5931 大 372</div> <div>失失失失失</div> <div>G0-4A27 T1-4B42 J0-3C3A K0-6377 V1-514C</div>	postponed being unified b - U+5931, irg40.		K	<div>Not Unify.</div> <div>JAPAN disagrees on this unification. This case is similar to the dis-unification of CJKF:06149 from U+82F1(英) .</div> <div><table><tr><td>英</td><td><table><tr><td>140 0</td></tr><tr><td>种</td></tr><tr><td>6 1 2</td></tr></table></td><td></td><td>英</td><td></td><td></td><td>not unified to U+82F1, irg41.</td></tr></table></div>	英	<table><tr><td>140 0</td></tr><tr><td>种</td></tr><tr><td>6 1 2</td></tr></table>	140 0	种	6 1 2		英			not unified to U+82F1, irg41.	Y
英	<table><tr><td>140 0</td></tr><tr><td>种</td></tr><tr><td>6 1 2</td></tr></table>	140 0	种	6 1 2		英			not unified to U+82F1, irg41.									
140 0																		
种																		
6 1 2																		
00575	<div>憲</div> <div>JMJ-057032</div>	U+61B2	<div>61B2 心 61.12</div> <div>憲憲憲憲憲</div> <div>G1-4F5C T1-7054 J0-377B K0-744A V1-562B</div>	postponed being unified b - U+61B2, irg40.		K	<div>Not Unify.</div> <div>JAPAN disagrees this unification. The corresponding components are not unifiable 𠄎/𠄎 (Annex S.1.4.3).</div>	Y										
00641	<div>切</div> <div>JMJ-007458</div>	U+5207, 00642		postponed being unified b - U+5207, and by 00642 irg40.		K	<div>Not Unify</div> <div>十 and 七 are not unifiable components.</div> <div>CJKF:00642 is variant of 功(U+529F)</div>	Y										
00756	<div>勇</div> <div>JMJ-057068</div>	U+52C7	<div>52C7 力 18.7</div> <div>勇勇勇勇勇</div> <div>G0-5942 T1-502D J0-4C26 K0-8938 V1-4D42</div>	postponed being unified b - U+52C7, irg40.		K	<div>Not Unify.</div> <div>JAPAN disagrees on this unification. The corresponding components is so different (Annex S.1.4.3).</div>	Y										




SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
00860	 MJ-057110	U+90DE		postponed being unified b - U+90DE, igr40.		K	Not Unify. JAPAN disagrees on this unification. The right corresponding components is so different (Annex S.1.4) There are a lot of non-unification examples: 邵(U+5372):邵(U+90B5), 却(U+5374):却(U+286AB), 邕(U+5376):邕(U+286C5), 卸(U+5378):卸(U+48C3), 邨(U+5379):邨(U+460F), 郤(U+537B):郤(U+90E4), 鄂(U+537E):鄂(U+9102), 卿(U+537F):卿(U+2870A), 邴(U+5380):邴(U+48DB), 叩(U+53E9):叩(U+2866B), 邠(U+5918):邠(U+909C), 柳(U+6801):柳(U+685E), 筇(U+7B3B):筇(U+7B47), 茆(U+8306):茆(U+26BA6), 螂(U+874D):螂(U+2739F), 郢(U+3541):郢(U+90C4), 榴(U+3B9D):榴(U+2F8E7):榴(U+FAD2), 邛(U+20A0F):邛(U+9093), 邙(U+20A11):邙(U+9099), 邙(U+20A12):邙(U+2868D), 邙(U+20A18):邙(U+90B2), 邙(U+20A1A):邙(U+90D7), 邙(U+21596):邙(U+215A5), 邙(U+21D39):邙(U+9096), 邙(U+22407):邙(U+22408),	Y



SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
01241	 JMJ-057198	U+56A2,U+56CA, 01242	U+56A2 56A2 □ 30.15 曩 GE-2529 曩 J0-4739 U+56CA 56CA □ 30.19 曩 曩 曩 曩 曩 G0-4452 T1-7B5A J1-366C K0-5225 V2-8B31 曩 01242	postponed being unified b - U+56A2 or U+56CA, and by 01242, irg40.		K	Not Unify JAPAN disagrees on this unification. The difference glyph shapes is significant. (Annex S.1.4.1) JMJ-057198 and U+56A2 or U+56CA should not unified. JMJ-057197 and JMJ-057198 might be unified, e corresponding upper component右 and古 are diffe each other. If unified, JMJ-057198 should be representative glyph.	K e e p 0 1 2 4 1 , Unified to 01242
01242	 JMJ-057197	U+56A2,U+56CA, 01241	U+56A2 56A2 □ 30.15 曩 GE-2529 曩 J0-4739 U+56CA 56CA □ 30.19 曩 曩 曩 曩 曩 G0-4452 T1-7B5A J1-366C K0-5225 V2-8B31 曩 01241	postponed being unified b U+56A2 or U+56CA, and by 01241, irg40.	J: UCV #37	J	Not unify by U+56A2 or U+56CA. Unify to CJKF:01241 JAPAN disagrees on this unification. The difference glyph shapes is significant. (Annex S.1.4.1) JMJ-057198 and U+56A2 or U+56CA should not unified. JMJ-057197 and JMJ-057198 might be unified, e corresponding upper component右 and古 are diffe each other. If unified, JMJ-057198 should be representative glyph.	K e e p 0 1 2 4 1 , Unified to 01241
01458	 JMJ-010952	U+5E78	5E78 干 51.5 幸 幸 幸 幸 幸 幸 G0-5052 HB1-A9AF T1-4031 J0-392C K0-7A39 V2-8B69	postponed being unified b U+5E78, irg40.	UCV#23	J	Not Unify JAPAN disagrees on this unification. The difference glyph shapes is significant. (Annex S.1.4.1)	Y
01645	 JMJ-057259	U+21577	21577 父 35.12 𠂔 𠂔 𠂔 UCS2003 TF-4E2F H-9AF7	postponed for unification t - u+21577, irg43.		J/SAT	Not Unify. JAPAN disagrees this unification. The correspond components 旧/目 is so different (Annex S.1.4.3).	Y


SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
02202	 JMJ-010793	U+5DF8	5DF8 <small>己 49.6</small>     <small>G3-3961 T4-2094 J1-3C22 K2-2F79</small>	postponed being unified b U+05DF8, but sc6, irg40.	Beside, SC should be 6. Wrong glyph design? See evidence, page 11 of MD (Dai Kanwa Ziten).pdf. 	G	Not Unify. JMJ-010793 is glyph variant of U+5DF8. JMJ-010793 is not unifiable to U+5DF8 due NUCV#163 although this glyph is definitely varian U+5DF8. However the difference is very clear accordance with NUCV#163.	Y
02311	 JMJ-057451	U+5ED7	5ED7 <small>广 53.11</small>    <small>G3-3A62 T2-497C K2-306E</small>	postponed being unified b U+5ED7, irg40.	-	K	Not Unify. JMJ-057451 is popular shape of U+05E2D(Accordingly, JMJ-057451 and U+5ED7 should not unified, because they are non-cognate each other.	Y
02450	 JMJ-057488	U+5F93	5F93 <small>彳 60.7</small>     <small>GE-295D T3-3071 J0-303E K2-314C</small>	delayed for unification wit U+5F93, irg41.	-	K	Unify JAPAN agrees unification of JMJ-057488 to U+5F93.	Y
02788	 JMJ-057553	U+6295	6295 <small>手 64.4</small>       <small>G0-4D36 H61-41EB T1-44MD J0-498A K0-7701 V1-559A</small>	postponed for decision c them are unclear i IRGN1973, irg42. No unified to U+6295, irg41.	投(U+6295) Unification Rule # 220	K	Unify JAPAN agrees unification of JMJ-057533 to U+6295.	Y
02905	 JMJ-057568	U+3A3E	3A3E <small>手 64.11</small>   <small>T5-4623 K3-2652</small>	postponed for unification t U+03A3E掬, irg43.	See UCV#296	J/SAT	Unify. JAPAN agrees unification of JMJ-057568 to U+3A3E.	Y




SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
03010	𠂇 JMJ-057581	U+6534	𠂇 𠂇 𠂇 𠂇 𠂇 G0-6A37 H-03D2 T3-2167 J1-6A9D K3-3762	postponed for unification to U+06534, irg43.	-	J/SAT	Unify JAPAN agrees unification of JMJ-057581 to U+6534.	Y
03214	替 JMJ-057672	U+66FF	替 替 替 替 替 替 G0-4C86 H8-184C0 T1-9F06 J1-4298 K0-7470 Y1-987C	postponed for unification to U+066ff, irg43.	-	J/SAT	Not Unify. JAPAN disagrees this unification. The corresponding upper components is different. (Annex S.1.4.3) Note: 𢀏 (U+20374): ' (U+2039D) and (U+22844): ' (U+2285A) are mistaken unified exceptional cases.	Unify (according Suzuki's homework and later discussion.)
03630	𤇗 JMJ-057831	U+71D3	𤇗 U+71D3	postponed for unification to U+71D3, postponed for radical 火 (fire, kxi 086.0) irg43.	Annex S.1.5.i: Addition or omission of a minor stroke	H	Unify JAPAN agrees unification of JMJ-057831 to U+71D3.	Y
03828	𣎵 JMJ-057919	U+23A8E	𣎵 𣎵 𣎵 23A8E 𣎵 79.7 UCS2003 GPOX-0585.09 T6-4079	postponed being unified to U+23A8E, irg40.	-	K	Not Unify JAPAN disagrees this unification. The difference of gl shapes is significant. Note: JMJ-057919 might be unifiable to U+3C7F. JAPAN accept this unification, if IRG decide so.	Y
03919	𣎵 JMJ-015203	U+2F8FD	𣎵 𣎵 2F8FD 水 85.5 T6-2C51 ≡ 6CCD 𣎵	postponed being unified to U+2F8FD, irg40.	-	J	Not Unify. JAPAN disagrees this unification. They are non-cognate character. JMJ-015203 is original shape of 𣎵 (U+6CF2)	Y

SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
04713	男 JMJ-058085	U+7537	7537 男 男 男 男 男 男 G0-4450 H81-A088 T1-482E J0-4348 K0-5178 V1-9F4D	postponed being unified b U+7537, irg40.	-	J	Unify JAPAN agrees unification of JMJ-058085 to U+7537.	Y
05017	罊 JMJ-058176	U+776A	U+776A 罊	postponed for unification t U+776A, irg43.	Annex S.1.5.i: Addition or omission of a minor stroke	H	Unify JAPAN agrees unification of JMJ-058176 to U+776A.	Y
05273	离 JMJ-058219	U+79BB			JMJ-058219 can be unified to u+79bb because they are variants each other and very small difference in shape.	J/SAT	Unify. Japan agrees unification of JMJ-058219 to U+79BB.	Y
05645	𦉳 JMJ-058296	05662	𦉳 Z_SAT00062	postponed being unified b 05662, irg40.	-	J	Unify JAPAN agrees unification of JMJ-058296 to CJKE:056	Y
05684	𦉴 JMJ-058303	U+7D94	U+7D94 𦉴	postponed for unification t U+7D94, irg43.	Annex S.1.5.i: Addition or omission of a minor stroke	H	Not Unify. JAPAN disagrees this unification. They are non-cog characters. JMJ-058303 is old shape of 綯(U+7DAF).	Y

SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
05695	 MJ-058307	U+7D72, 05693	 05695 Z_SAT60265	postponed for unification to U+7D72, irg43. unify 05693, irg40.	Annex S.1.5.i: Addition or omission of a minor stroke	H	<p>JMJ-058307 might be popular shape of U+07D72. If SAT claims that Z_SAT60265 not to be unified with U+07D72, JNB support SAT. Also, the following evidence suggest that MJ-058307 and U+7D72 are non-cognate each other. Accordingly, JNB insist that MJ-058307 and U+7D72 not to be unified, to take safer side.</p>  <p>重訂直音篇</p> <p>http://dict.variants.moe.edu.tw/cutshing/cutshing/sc12748/c1274862.jpg</p>	Y

SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
06261	 MJ-058507	U+8511	<small>8511 𠂇 140.11</small> <small>G0-436F H81-80B0 T1-6E59 J0-44AE K0-5921 V1-654E</small> 蔑 蔑 蔑 蔑 蔑 蔑	postponed being unified b - u+8511, igr40.		J	Not Unify. JAPAN disagrees this unification. The corresponding components are not unifiable. There are a lot of existing dis-unifications; 𠂇(U+25BE3) vs 𠂇(U+7BFE). 𠂇(U+21D60) (U+21DA9), 𠂇(U+23959):𠂇(U+26286), 𠂇(U+24A43):𠂇(U+24A84), 𠂇(U+25BE3):𠂇(U+7BFE), 𠂇(U+25C12):𠂇(U+25C62), 𠂇(U+26280):𠂇(U+2627E), 𠂇(U+262A6):𠂇(U+262B3), 𠂇(U+262A8):𠂇(U+7F5D), 𠂇(U+262AD):𠂇(U+262B4), 𠂇(U+262B1):𠂇(U+7F63), 𠂇(U+262B9):𠂇(U+262B2), 𠂇(U+262C0):𠂇(U+7F65), 𠂇(U+262C3):𠂇(U+262C1), 𠂇(U+262D4):𠂇(U+262CF), 𠂇(U+262E9):𠂇(U+262E5), 𠂇(U+2630D):𠂇(U+7F7B), 𠂇(U+2630E):𠂇(U+7F7C), 𠂇(U+26318):𠂇(U+7F7E), 𠂇(U+2A4D9):𠂇(U+26321) Annex S.1.4.3	unify
06573	 MJ-058636	U+272DD	<small>272DD 𧈧 142.7</small> <small>UCS2003 GKX-1085.20 T6-576D</small> 𧈧 𧈧 𧈧		Annex S.1.5.1 H Addition of omission of minor stroke		Unify. JAPAN agrees this unification.	Y

SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
06970	 JMJ-058789			postponed, under survey.	Unknown	-	Request a independent code position Although JMJ-058789 is variant of 貧(U+8CAA), difference of those glyph shapes is significant. (An S.1.4.1)	Y

SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
07703	 MJ-060312	U+28D7F	28D7F 門 169.9   UCS2003 GHZ-74311.04	postponed being unified b - U+28D7F, irg40.		J	Not Unify. JAPAN disagrees this unification. The correspond components is so different (Annex S.1.4.3) There are a lot of examples: 奐(U+5950):𢇛(U+22345) 奕(U+5955):弈(U+5F08), 奘(U+5958):𢇛(U+5F09), 奩(U+5960):𢇛(U+2235C), 奧(U+5967):𢇛(U+22362), 獎(U+596C):𢇛(U+38A1), 變(U+5971):𢇛(U+22376), 揆(U+63F3):擲(U+22C1F), 湊(U+6E59):湊(U+3D12), 澳(U+6FB3):澳(U+2404C), 猥(U+7330):猥(U+247FB), 瘳(U+7608):瘳(U+24E1E), 聯(U+806B):聯(U+8068), 猥(U+475F):猥(U+27CF3),	y










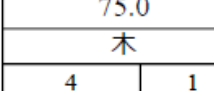

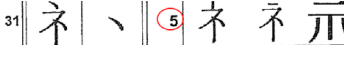






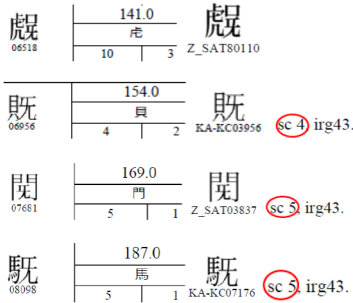


SN1	Image 1	SN2	Image 2	Discussion Record	comment	from	Explanation	Discussion record
07812	 JMJ-060322	U+77BF	<small>77BF 目 108.13</small> 瞿 瞿 瞿 瞿 瞿 瞿 <small>G5-7644 HB1-C2A3 T1-768D J0-625A K0-4F3A V2-8E38</small>	postponed being unified b - u+77bf, irg40.		J	Not Unify. JAPAN disagrees this unification. The corresponding components is so different (Annex S.1.4.3)	Y
08236	 JMJ-059099	U+9B6F	<small>9B6F 魚 1954</small> 魯 魯 魯 魯 魯 魯 <small>G1-4233 HB1-8E7C T1-7027 J0-4F25 K0-565B V1-8C68</small>	postponed being unified b - U+9B6F, irg40.		J	Not Unify. JAPAN disagrees this unification. The corresponding components is so different (Annex S.1.4.3)	Y

Table2. Radical, SC and FS issues

SN1	Image 1	Type	Discussion Record	Comment	from	Explanation	Discussion record
00496	 JMJ-056981	Radical	postponed changing Radical 卩(table), irg40.	Radical = 卩(table)?	H	JAPAN agrees to change radical to R016.0(卩). Rad=R016.0, SC=4 and FS=3.	Y
00509	 JMJ-056988	Radical	postponed changing Radical 厶(private), but unify 005 irg40.	Radical = 厶(private)?	H	JAPAN agrees to change radical to R028.0(厶). Rad=R028.0, SC=8 and FS=3.	Y
00516	 JMJ-056995	Radical	postponed changing radical to (eight), irg40.	Is 丩(eight) the correct radical?	H	JAPAN suggests changing radical to R004.0(丩) or R004.0(网.)	(网.)
00548	 JMJ-057017	SC	delayed for unification with 00547 and 00544, see IRG N1945 Japan Supplementary Feedback on Nov/18th, irg41.  00547 JMJ-057019  00544 JMJ-057014	SC=7?  03439 	H	Japan proposes CJKF 00548 (JMJ-057017) to be unified with CJKF:00547 (JMJ-057019), and representative glyph should be CJKF 0047 (JMJ-057019). Accordingly, SC should be 7.	Unified to 00547, follow 00547 sc 7.
00661	 JMJ-057046	SC	gotten back, irg43, delayed unification with U+521D, IRG N1945 Japan Supplementary Feedback on Nov/18th, irg41.	SC = 6 #31 of IRGN 954AR & IRGN 1105 	H	JAPAN agrees changing SC to 6.	Y

SN1	Image 1	Type	Discussion Record	Comment	from	Explanation	Discussion record
02768	 JMJ-059643	Radical	postponed changing radical hand, irg40.	Radical = 手(hand)?	H	JAPAN suggest to change radical to R001.0(一). Rad=R001.0, SC=2 and FS=5.	Radical 一 because variant of 才.
03047	 JMJ-057616	Radical	delayed for radical 攴, irg41.	Radical 攴 = (Branch)?	H	JAPAN suggests keeping radical to R066.0(攴) JMJ-057616 is variant of U+6578(數). Rad=R066.0, SC=11 and FS=2	Y
03525	 JMJ-057755	Radical	postponed changing radical to (tree), irg40.	Radical = 木(tree)?	H	JAPAN suggests changing radical to R061.0(木) although JMJ-057755 is variant of U+687C(黍). Rad=R061.0, SC=8 and FS=1.	Y
03552	 JMJ-057770	Radical	postponed changing radical to (tree), irg40.	Radical = 木(tree)?	H	JAPAN suggests changing radical to R085.0(木) although JMJ-057750 is variant of U+687C(黍). Rad=R085.0, SC=8 and FS=1	Y
03726	 JMJ-057888	Radical	postponed changing radical to (stop), irg40.	Radical = 止(stop)?	H	JAPAN suggests changing radical to R005.0(止) Rad=R005.0, SC=3 and FS=2.	Y
03740	 JMJ-057893	Radical	postponed changing radical to (stop), irg40.	Radical = 止(stop)?	H	JAPAN suggests changing radical to R005.0(止) Rad=R005.0, SC=8 and FS=3.	Y

SN1	Image 1	Type	Discussion Record	Comment	from	Explanation	Discussion record
03826	𣪠 JMJ-057916	Radical	postponed changing radical to (weapon), irg40.	Radical = 殳(weapon)?	H	JAPAN suggests keeping radical to R079.0 (weapon), the right component 殳 is variant of 殳.	Y
03838	𣪡 JMJ-057927	Radical	postponed changing radical to (weapon), irg40.	Radical = 殳(weapon)?	H	JAPAN suggests keeping radical to R079.0 (weapon) because JMJ-057927 is variant of U+6BC4	Y
03841	𣪢 JMJ-057928	Radical	postponed changing radical to (weapon), irg40.	Radical = 殳(weapon)?	H	JAPAN suggests keeping radical to R079.0 (weapon) because JMJ-057928 is variant of U+6BC4	Y
06099	𣪣 JMJ-058426	SC		SC = 4 or 5? Ref.: 	H	JAPAN suggests keeping SC = 4. 𣪣 5 strokes, see U+65 𣪣.	Sc 5 Related to CJK_06956, 07681, 08098

SN1	Image 1	Type	Discussion Record	Comment	from	Explanation	Discussion record
06494	 JMJ-058577	Radical	postponed changing radical to (R25.0), SC=5 and FS=3, irg4	Radical should be 卜 (R25.0) SC=5 and FS=3	J	JAPAN agrees to change radical to R025.0(卜). Rad=R025.0, SC=5 and FS=3.	Y
06524	 JMJ-058595	SC		SC = 0; FS = 0;	H	JAPAN agrees this stroke count. Rad=R142.0, SC=0 and FS=0.	Y

(End of document)