

IRG N1347 proposes six CJK Ideographs for addition to UCS. Among six ideographs, Japan thinks two are CJK Unified Ideographs and the rest of four are CJK Compatibility Ideographs, according to the unification practice the IRG has adopted. This document supplies additional information on the proposed six ideographs and asks the IRG to validate the judgments made in the proposal in the light of its recent efforts to elaborate Annex S and ideographs for proper names and to make recommendations to WG2.

Proposed character in IRG N 1347

Source ID: J_ARIB-754F

Glyph	ARIB ID	IDS	Code position in FPDAM5
梁	47	𠄎 𠄏 𠄐 𠄑 𠄒 𠄓	U+9FC4

Additional Information

KXI: 0526.211

Radical: 木(2F4A)

Stroke: 6

1st seq: 4

Reading

- Japanese On: ryō
- Japanese Kun: HASHI

Possibly unifiable characters in existing UCS

Glyph				ucs	kxi	radical	stroke	firstseq
C	T	J	K					
梁	梁	梁	梁	U+6881	0528.010	木	7	4

Reading

- Japanese On: ryō, rō
- Japanese Kun: UTSUBARI, HASHI, HARI, YANA
- kMandarin: LIANG2

Meaning

➤ kDefinition bridge; beam; rafters; surname

Possibly unifiable characters in IRG working projects

Project name: CJK-D

03858		梁		
				KP1-4B50
木				
6	4	0526.211	TC-4A76	

Reading

- IRG N1232 (TCA) liang

Annex S information

➤ 刃 vs 办

However these characters are non-cognate, Annex S indicates that the pair can be subject to unification when they are used for the corresponding component such as the following example.

𠂇𠂇 𠂇
524F 5259

An example in S.3 (Source code separation exception).

The following are also existing pairs in UCS of the counter example against this pattern.

U+07D09 紉 𠂇 糸 刃

U+25FA0 紉 𠂇 糸 办

U+08842 𠂇 𠂇 血 刃

U+04610 𠂇 𠂇 血 办

U+206DD 𠂇 𠂇 井 刃

U+05231 𪗇 𪗇井办

U+207B4 𪗈 𪗈倉刃

U+207D0 𪗉 𪗉倉办

Other Information

The glyph can be represented by the following ideographic variation sequence submitted by Adobe.



6881 E0101; Adobe-Japan1; CID+14089

See <http://www.unicode.org/ivd/pri/pri108/pri108-partialcharts.pdf> for more detail.

Proposed character in IRG N 1347

Source ID: J_ARIB-7621

Glyph	ARIB ID	IDS	Code position in FPDAM5
禱	95	𪗇 禰 禰	U+9FC5

Additional Information

KXI: 0447.141

Radical: 示(2F70)

Stroke: 13

1st seq: 1

Reading (Unavailable)

Possibly unifiable characters in existing UCS

None.

Possibly unifiable characters in IRG working projects

None.

Annex S information

This is a character never encoded. We believe there's no possibly unifiable character in UCS.

Proposed character in IRG N 1347

Source ID: J_ARIB-7547

Glyph	ARIB ID	Compatibility equivalence	IDS	Code position in FPDAM5
恵	39	U+06075 恵	☐恵、	FA6B

Additional Information

KXI: 0388.341

Radical: 心(2F3C)

Stroke: 7

1st seq: 1

Reading

- Japanese On: e, kei
- Japanese Kun: MEGUMI, MEGUMU

Possibly unifiable characters in existing UCS

Glyph	C	T	J	K	ucs	kxi	radical	stroke	firstseq
恵					U+6075	0386.161	心	6	1

Reading

- Japanese On: kei, e
- Japanese Kun: MEGUMU, MEGUMI
- kMandarin: HUI4

Meaning

- kDefinition: favor, benefit, confer kindness

Possibly unifiable characters in IRG working projects

Project name: CJK-D

02978		愚		
04595				
心				
7	2	0388.341	TC-5736	

Annex S information

Annex S indicates that two ideographs only differ from each other by a dot or a single stroke can be subject to unification when the extra or omitted dot / stroke doesn't contribute to the difference in their abstract shape and therefore recognized as a difference of writing style of the same ideograph.

剌剌	T	拔拔	TJ	达达	T
5239 524E		629C 62D4		8FBE 8FD6	
奧奧	J	檝檝	T	馱馱	TJK
5965 5967		699D 6A27		99B1 99C4	
寬寬	T	皞皞	T	勛勛	T
5BDB 5BEC		76A1 76A5		9AA9 9AAB	
弒弒	T	粵粵	T	髮髮	TJ
5F11 5F12		7CA4 7CB5		9AEA 9AEE	
徵徵	T	緒緒	T	鳳鳳	T
5FB4 5FB5		7DD2 7DD6		9CEF 9CF3	
戾戾	T	翱翱	T		
623B 623E		7FF6 7FFA			

Examples in S.3 (Source code separation exception).

Proposed character in IRG N 1347

Source ID: J_ARIB-7563

Glyph	ARIB ID	Compatibility equivalence	IDS	Code position in FPDAM5
熙	67	U+242EE 熙	熙臣己灬	U+FA6C

Additional Information

KXI: 0678.161

Radical: 火(2F55)


Stroke: 9

1st seq: 1


Reading

- Japanese On: i, ki
- Japanese Kun: HIROI, YOROKOBU, TANOSHIMU, HIKARU

Possibly unifiable characters in existing UCS

242EE 28737 28737 0678.161 32220.120 火 9	G_HZ	
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Meaning a variant form of 熙 U+ 7199 (HYD 32220.120)


07199 28767 28767 0678.161 32226.060 火 10	G0-4E75 T1-695A J0-7426 K0-7D77 V1-5E36 KP0-F6AB	
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Reading

- Japanese On: i, ki
- Japanese Kun: HIROI, YOROKOBU, HIKARU
- kMandarin XI1 YI2

Meaning

- kDefinition bright, splendid, glorious

07155 28632 28632 0676.170 32220.131 火 9	GE-317E J0-5F66 K2-4466	
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Reading

- Japanese On: i, ki
- Japanese Kun: HIROI, YOROKOBU, TANOSHIMU, HIKARU

Meaning KangXi style of U+7199.

03DE9 28824 28824 0680.101	K3-2A3D	熨
火 10		

Reading (unavailable)

Meaning

- kDefinition (a variant of 熨 U+ 7199) bright, splendid. Intelligent, prosperous

03DD7 28683 28683 0678.161 32218.180	G_KX T6-5454 K3-2A34 KP1-5590	熨 熨	242C5 28679 28679 0678.130	G_KX	熨 熨 熨 熨
火 9			火 9		

Reading (unavailable. See U+24307)

Meaning a wrong form of 熨 U+ 24307 (HYD 32218.180)

(note) HYD 3228.180 should be the form of U+242C5.

24307 28766 28766 0678.161 32222.110	G_HZ TF-4954	熨 熨 熨 熨
火 10		

Reading JIONG3 (HYD)

Meaning a character used for person's names (HYD)

243B9 29070 29070 0684.161	G_FZ	熨 熨 熨 熨
火 12		

Reading (unavailable)

Meaning (unavailable)

243C1 29081 29081 0684.161	TF-5559	灏 灏
火 12	H-9751	灏 灏

Reading (unavailable)

Meaning (unavailable)

24424 29215 29215 0685.201 80030.020	G_HZ	燠 燠
火 14		燠

Meaning a variant form of 熙 U+ 7199 (HYD).

Possibly unifiable characters in IRG working projects

(Not found)

Annex S information

➤ 巳 vs 己

Annex S indicates that this pair can be subject to unification with the following examples.

包·包

Example in S.1.5 (different actual shapes representing the same abstract shape)

Glyph					ucs
C	T	J	K		
包	包	包	包		U+5305

祓	93	U+07953 祓	𠄎 友	U+FA6D
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Additional Information

KXI: 0841.031

Radical: 示(2F70)

Stroke: 4

1st seq: 1

Reading

- Japanese On: i, ki
- Japanese Kun: HIROI, YOROKOBU, TANOSHIMU, HIKARU

Possibly unifiable characters in existing UCS

Glyph				ucs	kxi	radical	stroke	firstseq
C	T	J	K					
祓	祓	祓	祓	U+7953	0841.120	示	5	1

Reading

- JapaneseOn: futsu, hai, fuchi, he, bai
- JapaneseKun: HARAI, HARAU
- kMandarin: FU2 FEI4

Meaning

- kDefinition: exorcise, remove evil; clean

Possibly unifiable characters in IRG working projects

Project name: CJK-D

05746		祓		
09508				
示				
5	3	0842.121	TC-404F	

Reading

- JapaneseOn: futsu, hai, fuchi, he, bai
- JapaneseKun: HARAU

Annex S information

➤ 友 vs 友

Annex S indicates that this pair can be subject to unification with the following examples.

拔拔 TJ
629C 62D4

髮髮 TJ
9AEA 9AEE

Example in S.1.5 (different actual shapes representing the same abstract shape)

Proposed character in IRG N 1347

Source ID: J_ARIB-757D

Glyph	ARIB ID	Compatibility equivalence	IDS	Code position in FPDAM5
館	105	U+08218 館	𠄎 舍官	U+FA6E

Additional Information

KXI: 0120.111

Radical: 人(2F08)

Stroke: 14

1st seq: 1

Reading

- Japanese On: kan
- Japanese Kun: YAKATA, TACHI, TATE

Possibly unifiable characters in existing UCS

Glyph	ucs	kxi	radical	stroke	firstseq
C T J K					
館 館 館 館	U+8218	1007.250	舌	10	1

Reading

- Japanese On: kan
- Japanese Kun: YAKATA, TACHI, TATE
- kMandarin: GUAN3

Meaning

➤ kDefinition a mansion; a building

Possibly unifiable characters in IRG working projects

(Not found)

Annex S information

➤ 舍 vs 舍

They are cognate as we can confirm from dictionaries. There's no explicit indication of the pair in Annex S but URO already unified the following.

Glyph				ucs
C	T	J	K	
捨	捨	捨	捨	U+6368

(end of document)