

Universal Multiple-Octet Coded Character Set
UCS

ISO/IEC JTC1/SC2/WG2/IRGN2407

Date: 2019-10-24

Source:	CJK editorial group
Title:	Editorial Report on Miscellaneous Issues
Meeting:	IRG#53, Shenzhen, China
Status :	To be Approved by IRG plenary
Actions required	To be followed by IRG members
Distribution:	IRG
Medium :	Electronic
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Editors from China, HKSAR, R.O.Korea, SAT, TCA, USA, Unicode Consortium, UK (by proxy), Vietnam (by proxy) and individual experts met during IRG#53. The editorial group discussed the following issues.

1. Review of UCS6 CD3 Draft

- **WG2N5112 (Michel Suignard)**

The editors reviewed UCS6 CD3 Draft (WG2N5112) with respect to IRG additions (Ext.G and NUCs), horizontal extensions of China, HKSAR and UK, and asked China to submit G source references update (IRGN2376) data to WG2 for follow up action.

2. Disunifications and Unifications


Reference:

- **IRGN2414 (Alexander Zapryagaev) and feedbacks from China and Eiso Chan**

This document proposes to encode UTC-01005 with the representative glyph



in the Extension G because this obsolete simplified Chinese character and that of

U+5F50  have different meanings and pronunciations. Then China proposed to move the G glyph and source reference out of the code point from U+5F50 and put it in the next IRG working set. The editors were asked to consider the impact of proposed solutions and feedback especially in backward compatibility and choice of glyph.

3. Horizontal Extension

Reference:





- IRGN2418 (China)

This document requests horizontal extension for 20 technical use characters. The editors reviewed and accepted them. China is asked to submit this document to JTC1/SC2/WG2 for follow up action.

4. Glyph Change

Reference:

- IRGN2415(HKSAR)
- IRGN2392 (Henry Chan)

The editors accepted the request of changing glyph of U+8494 (HB2-E3C2) from  to , and U+2D0AA (USAT-04057) from  to . The editors noted that the change of U+8494 (HB2-E3C2) was already reflected in the UCS6 CD3 (WG2N5112).

5. Character Pre-submissions

Reference:

- IRGN2417 (China)
- IRGN2416 (Wang Xieyang)

The editors reviewed the preliminary proposals on 235 technical use characters (China) and 96 place name characters (Wang Xieyang) and encouraged them to officially propose these characters to IRG WS2020 (see IRGN2406) through IRG authorized submitters if necessary data qualified and available in time.

6. Clarifications of IDS Uses

Reference:

- IRGN2413 (Eiso Chan)

The editors discussed this document and agreed to update the IDS syntax in IRG PnP by adding CJK Strokes, Fullwidth Question Mark, CJK Supplementary Components. The definition and explanation of the use of U+303E (IDEOGRAPHIC VARIATION INDICATOR), based on the new text in Unicode Standard Core Specification 13.0, will also be added to IRG PnP. The editors clarified that the IDS syntax in IRG PnP is only for IRG work. Other usage is beyond the scope of IRG. Possibilities of encoding “para-ideographs” (hybrid ideographs) in IRG were discussed, IRG members and experts were invited to give feedback.

7. Radical Assignment

Reference:

- IRGN2412R (Ken Lunde)

The editors noted that “intuitive radicals” might be beneficial for some users for looking up encoded ideographs as described in this document. The editors would keep IRG practice that the character submitter’s choice of radicals be respected as primary unless that character was proposed by multiple submitters. For multiple submitted characters with multiple submitted radicals, primary radicals would be assigned by IRG. Furthermore, the alternative radicals will be kept in future submissions from IRG to WG2.

8. Glyph Normalization Rules

Reference:

- IRGN2420 ROK Normalization V1.5

This document describes the rule for normalizing the shape of glyph (Hanja) that can be found in historical books. IRG experts are invited to review and give feedback. TCA is encouraged to submit their normalization document in the near future.

9. UCV Updates

- IRGN2421 (Jaemin Chung)
- IRGN2422 (Henry Chan)
- IRGN2387 (Taichi Kawabata) and feedback
- IRGN2388 (Taichi Kawabata) and feedback

The editors discussed IRGN2421 and decided to keep 攵vs攴 in the UCV List.

The editors discussed IRGN2422 and agreed to keep T6-4A3F

4DBE
欠 76.6 𠂔
T6-4A3F

separately encoded as decided in IRG#52, then add U+4DBE 𠂔 vs U+238A7 𠂔 as a disunification example in UCV#170 𠂔 vs 𠂔.

𠂔
T6-4A3F vs U+238A7
T6-3857

The editors accepted the updated UCV List (IRGN2387) and NUCV List (IRGN2388). The editors agreed to move NUCV#401 𠂔vs𠂔 to UCV#401, and agreed to add 10 new UCVs defined during IRG#53. (See Appendix or IRGN2406 WS2017 Report.)

10. IRG PnP Updates

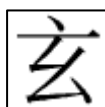

Reference:

- IRGN2408&feedback

The editors agreed to confirm PnPv12 and asked the PnP editor to incorporate IRG PnP revisions in this meeting to produce PnPv13 Draft for review in IRG#54.

End.

Appendix: New UCVs defined in IRG#53

IRG #53 SN	Pics.			WS2017 Sample
1				02086
<p>帶 WS2017-02086 (T) unified to 滯 U+6EEF</p>				
Unify as component				
2				02094
<p>𩺱 WS2017-02094 (T) unified to 漁 U+6F01</p>				
Update of UCV #322				
3				03384
<p>𩺳 WS2017-03384 (UTC) unified to 𩺴 U+25EF3</p>				
Unify as component				
4				03251
<p>𩺶 WS2017-03251 (G) unified to 𩺷 U+25A5A</p>				
5				00161,01359,02413
<p>𩺹 WS2017-00161 (SAT) unified to 𩺺 U+50B2</p>				
<p>𩺺 WS2017-01359 (SAT) unified to 𩺻 U+6160</p>				

𪗇

WS2017-02413 (T) unified to

𪗈 U+24385

Update of UCV #202

6

𪗉

𪗊

04999

男

WS2017-04999 (T) unified to

男 U+7537

7

𪗋

𪗌

𪗍

03062, 03060

𪗎

WS2017-03062 (T) unified to

𪗏 WS2017-03060 (T)

8

𪗐

𪗑

𪗒

𪗓

02022

淚

WS2017-02022 (T) unified to

淚淚 U+6DDA

Notice: mix of UCV #7 and #256

9

𪗔

𪗕

02215

濮

WS2017-02215 (SAT) unified to

濮 U+6FEE

Unify as component

10

𪗖

𪗗

02092

滌

WS2017-02092 (T) unified to

滌 U+6ECC

Unify as component

11	奂	奂		
Change NUCV #401 to UCV #401				
12	奂	奂		
Add a new disunifiable example, U+4DBE and U+238A7				