

# Universal Character Set

## UCS

ISO/IEC JTC1/SC2/WG2/IRGN2622

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Editors from China, Republic of Korea (ROK), Hong Kong SAR, Macao SAR, TCA, UK, Vietnam, USA/Unicode, SAT Committee and individual experts attended the following discussions and made decisions during IRG#61 meeting.

### 1. Disunifications and unifications

- **1 unification for U+2C21C (IRGN2636 Eiso Chan)**

The editors accepted the unification for 𪗇 to U+2C21C.

2C21C 水 85.10	𪗇 TD-3E68	<i>Table 1 U+F15A in RKXX and IIT</i>	
		𪗇 RKXX	𪗇 IIT

China would propose horizontal extension of this entry. The font and attribute data (IRGN2636G Attributes) should be submitted to WG2 by 2023-10-31.

China will prepare a new document about more affected G sources for IRG consideration.

- **Disunification of 2 stroke characters in CJK stroke blocks (IRGN2647 Night Koo)**

The editors accepted to distinguish 𠃉 from U+31C8 CJK STROKE HZWG 𠃉, and 𠃊 from U+31DE CJK STROKE SZZ 𠃊.

### 2. Horizontal extensions

- **Horizontal extension request for Ext. I (IRGN2635 Shen Tianheng, Feedback by TCA)**

The document points out that two new characters in Ext. I that are not following IRG unification rules. Even though this may be needed to China,

its acceptance has inadvertently caused unification/disunification problem for characters of other sources.

The editors suggested the submitters of CJK characters to WG2 must provide information on its effect to other source characters if disunification may be warranted. Such information should be provided to the source submitters.

Editors also suggested the experts should be more conservative when introducing new unification examples to prevent over-unification. Disunification cases against current Unification examples should be well recorded.

- **Horizontal extension of 300 ROK characters (IRGN2643R)**

This submission would be forwarded to WG2 after IRG#62 has reviewed and accepted. The editors suggested ROK to submit a revised document, with normalization rules for each character (of 306), to be reviewed by experts 2 months before IRG#62.

### 3. Glyph change

- **Correction of 4 CJK Glyphs (IRGN2616 Wang Xieyang)**

China agreed to change the glyph of U+2B92C.

UK agreed to change the glyph of U+32268.

The font of new glyphs should be submitted to WG2 by 2023-10-31.

China confirmed to study how to process U+2BBEE and U+2BD9A in a new document by 2024-01-31.

- **Revised G and SAT Glyphs for U+203D8, U+2D156, U+25B9F (IRGN2642)**

China agreed to submit updated font and attribute data with proposal by 2023-10-31 for IRG review.

SAT would consider whether change the glyph or not.

- **Revise V Glyph for U+21128 (IRGN2651)**

Vietnam agreed to change the glyph of U+21128 to match the original evidence, and submit the font to WG2 by 2023-10-31



- **Representative glyph of U+3029 SUZHOU NUMERAL NINE (IRGN2650 Night Koo)**

The editors agreed to update the representative glyph of U+3029 with the first proposed glyph in IRGN2650.

### 4. Reference Change

- **Update the G-Source reference for U+320DD (IRGN2648 Eiso Chan)**

China confirmed that G-Source for U+2E6DB (躡) and U+320DD (□) share the same references value, then agreed to change the reference of U+320DD to GZ-4321208.

### 5. UCV updates

- **Confirm IRG updated UCV Examples (IRGN2610)**  
The editors accepted updated UCV examples and revised NUCV examples produced after IRG#60.

**New UCV/NUCV (IRGN2621 Appendix B)**

The editors accepted new UCV /NUCV examples concluded in WS2021 v5.0 discussion during IRG #61.

## 6. PnP Issues

- **Issues Related to Transliteration of Ancient Scripts: Feedback to IRGN2612 on transliteration (John Knightley Part1 & Part2, Tao Yang & Chen Zhixiang)**  
The editors suggested IRG experts to review and give input to the transliteration issues for discussion in IRG#62 (not solved in IRG#61), the consensus would be included in IRG PnP V17.
- **Request for additional information for evidences for sources such that they can be seen in ORT: (IRGN2639 by John Kightley, Feedback by Henry Chan)**  
The editors agreed to call for the next IRG working set. Member bodies should submit their proposals by 2024-07-26 for consolidation and quality submission review before IRG#63. The general limit of character numbers for every submitter is 1,000. The submission should follow the new submission templates (IRGN2621 Appendix C).
- **Accepting New G Source ( IRGN2641&Appendix)**  
The editors decided to accept one new G source: SJ/T 11239-2001 Information Technology - Chinese ideograms coded character set for information interchange - The 8th supplementary set (信息技术 信息交换用汉字编码字符集 第八辅助集). The suggested abbreviation is SJT11239.
- **Proposal to accept intralingual captions and subtitles as evidence in future IRG WS (IRGN2646 Eiso Chan)**  
Editors suggested IRG PnP to be revised to PnP V17 (IRGN2652) based on suggestions of possible use of intralingual captions and subtitles as additional evidence.
- **Encoding principles on Ideographs, radicals, components, symbols and strokes (Feedback to IRGN2606 by Kushim)**  
The editors suggested SAT to consider how to view “ノ”, character or stroke.  
Encoding issue about “ノ” would still be pending for discussion.
- **Encoding principles on Han Combination and Qièshēnzì (Feedback to IRGN2606 by Kushim)**  
The editors suggested that typography errors should be resolved by the typesetting business, while specific problems about “Kerned Han” should still be analysed in detail.  
Withdraw “𠄎敕令”, Encode 03670 𧈧蟲鳥 in WS2024.

## **7. UNC for the Amendment 1 of GB18030-2022**

- **GB18030-2022 feedback (IRGN2638 China)**

The editors accepted the 622 UNC characters in CJK-I. Consequently, a duplicate character 𪛗 (WS2021 sn03519) would be removed from WS2021.

## **8. Other Issues**

- **General Principles of JTC1 Code of Conduct (IRGN2614)**

The document was shown in the meeting.

- **Script-specific hybrid and abbreviated CJK letters (IRGN2637 Gen Kojitani, Feedback by Kushim Jiang, John Knightley)**

The editors did not consider the proposed characters belong to CJK unified ideographs, then asked experts to provide feedback on this and other issues via UTC/WG2 for careful consideration by the proposer. It was noted that the Bouyei part of the proposal was immature in that it contained errors and was an incomplete list.

- **Hongmen character unification (IRGN2634 Wang Xieyang)**

The editors considered these CJK unified characters and thus they could be submitted to IRG for future extension.

- **Jianzi Musical Notation and format controls (IRGN2645)**

The editors agreed that elements of notation could be handled as CJK unified ideographs. Due to the large size of the collection, a revised version of this proposal may be submitted to IRG for further review.

- **Taoism characters (Feedback to IRGN2579, Wang Xieyang)**

This document was reviewed.

End.