

2523 Universal Multiple-Octet Coded Character Set  
UCS

ISO/IEC JTC1/SC2/WG2/IRGN2536

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Editors from China, HKSAR, Macao SAR, R.O.Korea, SAT, TCA, UK, Unicode Consortium, USA, Vietnam, and individual experts attended the IRG#58 online discussion on the following issues.

### 1. IRG Working Set 2017 and reviews:

- **IRGN2512, consolidated review report, responses,**

- **Change of code range: IRGN2544 and New mapping table**

The editors accepted the revisions in IRGN2535(Vietnam) and IRGN2544 (updated IRG WS 2017) with its mapping table and attributes.

### 2. Revision to IRG PnP:

- **IRGN2515Draft1 (to confirm IRG PnP V15)**

The editors accepted IRG PnP V15(IRGN2515) and requested IRG convenor to submit it to WG2.

- **On the encoding of modern self-created characters: IRGN2521UK, Feedback by Wang Xieyang**

The editors noted the self-created character issues in IRGN2521, and requested the IRG Convenor to draft a summarized text on this issue(IRGN2551) for further deliberation and inclusion in future IRG PnP.

- **On the encoding of Daoist-usage characters: IRGN2522UK IRGN2518WangXieyang**

The editors discussed UK(IRGN2522) input on its rationales to encode their proposed

Daoist characters as well as IRGN2518 from Mr. Wang Xieyang who showed the seriousness of indiscriminately accepting Daoist characters as they can be systematically generated without bound. Thus, the editors need further study on the handling of Daoist characters in future IRG working sets. Daoist characters in WS 2021 will be processed based on current IRG principles and procedures. The editors invited Daoist experts to help IRG to come up with principles and rules for encoding in CJK unified ideographs for the submission of the next working set.

- **On the introduction of level in UCV: IRGN2547 (Yi BAI, Eiso CHAN, Henry CHAN, TAO Yang, WANG Yifan)**

The editors accepted the 2 UCV levels introduced in IRGN2547 and agreed to apply them in IRG WS2021 and future sets.

- **Feedback to UCV list(IRGN2506) by Yi Bai**

This document proposes 7 pieces of UCV suggestions. 3 of them,

No.2 (負 vs 𠄎 刀貝 vs 賁)

No.7 (different shapes of 吳)

No.10 (解 vs 解),

which were discussed during the previous round of WS2021 review in IRG #57, are accepted. The other 4 are for further study.

The proposed glyph update of UCV#426 (also in this document) is accepted in general.

### **3. IRG Working Set 2021 :**

- **Review of IRGN2516 WS2021v2.0**

The editors discussed the consolidated comments on unification cases and most radicals, and made decisions through the IRG WS ORT (Online Review Tool). The editors instructed the IRG Chief Editor to fix all data of concluded issues (unifications and radicals) and editorial errors which have been raised in the IRGN2516 consolidated comments. Details are recorded in Appendix A.

The editors set WS2021v3.0 schedule as below:

- 2022-04-15: The IRG Chief Editor fix all data of concluded issues (unifications and radicals) and editorial errors raised on line. The character submitters submit updated fonts to the IRG Chief Editor and the ORT Manager. (4 weeks.)
- 2022-04-29: The ORT Manager releases IRGN2549 WS2021v3.0 on line and distributes attributes file (xls format). (2 weeks.)
- 2022-07-08: The IRG editors submit comments through ORT. (10 weeks.)
- 2022-07-22: The ORT Manager release Consolidated Comments on line and distributes PDF file. (2 weeks.)
- 2022-09-16: The editors feedback to comments on line. (9 weeks.)

Note: IRG#59: 2022-10-17 (Recommendation IRG M57.1)

- **TCA character explanations: IRGN2546 (TCA)**

The IRGN2546 gives explanations of evidences, pronunciations, meanings, and glyph normalizations of TCA characters in IRG WS2021. The editors accepted the document and requested TCA to submit an explanation document about the Household Registration Database. The editors noted that TCA agreed to submit it by the end of April but need IRG recommendation for communication with the related governmental authority.

- **UTC-03193: ROK feedback**

The editors noted the concern on the unification of WS2021 SN 02280 (UTC-03193) and 𪛗 U+5655 and 𪛘 U+7233, then postponed it for feedback for further study.

- **IRGN2516 Feedback: NewUCVConfirmation (Tao Yang)**

With UCV levels introduced in IRGN2547, 24 of 29 new UCV candidates are accepted, while 11 more are pending for further consideration. Details are recorded in appendix B.

#### **4. T-Source issues: IRGN2519 (2 parts, by Tianheng Shen) and TCA**

##### **Response**

The editors noted that TCA was periodically reviewing T-source characters. TCA confirmed that the characters raised in IRGN2519 would be resolved.

#### **5. Disunified characters since IRG#45: Updated IRG disunified character list: IRGN2517project editor**

IRGN2517 collects disunified characters since IRG#45, editors are invited to review and feedback.

#### **6. To confirm New UCV list: IRGN2514**

The editors accepted the UCV examples and revised NUCV examples in IRGN2514 produced after IRG#57 and the three new UCV examples proposed by Yi Bai in IRGN 2514.

#### **7. Remove of UK source ref. for UK-02830: IRGN2520 Unicode report covered it.**

The editors reviewed IRGN 2520 and agreed to move UK-02830 from U+238A7 to U+4DBE.

## 8. Urgently Needed Characters and Disunification Request

- **IRGN2538 (MSCS) and feedbacks (China, TCA)**
- **IRGN2543 (UTC) and feedback (China)**
- **IRGN2509 (Alexander Zapryagaev) and feedback (Vietnam, Kushim)**

5F50  
𠄎 58.0

𠄎	𠄎	𠄎	𠄎	𠄎	𠄎
G0-6566	H-C6D0	T3-2140	J1-3C77	K2-313A	V1-5454

𠄎  
UTC-01005

UCS 2020

For the proposal in IRGN2538, IRGN2543 and IRGN2509, the editors agreed:

- 1) The G glyph and its source (G0-6566) will be kept in U+5F50;
- 2) The V glyph and its source (V1-5454) will be moved to a new position together with the proposed 𠄎 (MC-00140, UTC-01005);
- 3) The proposed 𠄎 (UTC-03251) is to be further studied.

## 9. Miscellaneous Issues

- **G glyph for U+48B4: IRGN2545**

The editors agreed to change U+48B4 G glyph (GS-2151) as proposed in IRGN2545. For other GS glyphs listed in the document, China and other IRG members / experts are invited to provide feedback.

- **G source change proposal: IRGN2542**

China is invited to provide feedback on the proposed G source changes in IRGN2542.

- **Error Report of U+4E30: IRGN2539**

The editors reviewed IRGN2539 and invited those interested to give feedback.

- **Disunification request: IRGN2537 and feedback by TCA, response by Tianheng Shen, IRGN2537Part2.**

IRGN2537 proposed 8 pairs of characters for separate coding (U+681D, U+6B25, U+6C97, U+929B, U+46B0, U+208B7, U+216BA, U+2335F). TCA considers that U+2F980 can be dis-unified with U+2335F (肩) and has no opinion on U+208B7 (齧), and the rest do not need to be coded separately. The editors are invited to study these

documents and give feedback for discussion in IRG#59. China will study and give feedback to IRG by IRG#59.

- **Handling of a special music symbol: IRGN2540**

The editors noted the need of music symbol encoding raised in IRGN2540 and asked for further study of possibility of CJK symbols.

- **K source Horizontal extension (to IRGN2512): Feedback by Eiso, IRGN2512Revised (Datafile, MappingTable)**

The editors accepted the revised IRGN2512 on horizontal extension of 51 K-source characters, and asked the ROK to forward them to WG2.

- **Source reference list of WS 2021**

The IRG Chief Editor is instructed to prepare a source reference list of WS 2021 by IRG#59.

Appendix A: WS2021v2.0 discussion record

Appendix B: New UCV confirmation record