

Universal Multiple-Octet Coded Character Set

UCS

ISO/IEC JTC1/SC2/WG2/IRGN2506

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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#57 online discussion on the following issues.

1. Review of WS2017v6.0 and 6.1

- **IRGN2475 WS2017v6.0 and Feedbacks**
- **IRGN2480 WS2017v6.1 and Feedbacks**

The editors discussed the consolidated comments and decide:

One character is to be removed from CJK_H code chart:

- T13-3647 (WS2017-02229) 灑. This character could be unified with T13-3643 (WS2017-02227) 灑 thus should be removed. Therefore, a new UCV should be added.

One missing character is to be added back to CJK_H code chart:

- GZ-4322205 (WS2017-05030) 𠄎.

Two characters are to be kept in CJK_H code chart:

- V-F1D5E(WS2017- 00525) 𠄎 should not be unified to 𠄎(U+20F2A) because of non-cognate.
- V-F0C67(WS2017-00696) 垠 (The review comment is for additional information only.)

Four WS2017 pending characters are to be moved to WS2021:

- V-F1D84 (WS2017-00325) 𠄎

- V-F1E3D (WS2017-04394) 酉
- V-F0CC3 (WS2017-04150) 跬
- V-F0D85 (WS2017-03848) 虻

For details, browse <https://hc.jsecs.org/irg/ws2017/app/> and see WS2017 feedbacks.

The editors set the following schedule:

- 2021-09-24: IRG chief editor to submit revised attribute data to ISO/IEC 10646 project editor.
- 2021-09-24: ORT manager to include the 4 V source characters in IRG WS 2021.
- 2021-09-30: ISO/IEC 10646 project editor to produce Extension H code chart (IRG WS 2017 V 7.0).

2. WS2021v1.0 Review and WS2021v2.0 Plan

● IRGN2478 WS2021v1.0, Consolidated Comments, Brief Review Comments

The editors discussed the consolidated comments on unification cases and most evidences, and made decisions through the IRG WS ORT (Online Review Tool). Due to the large number of comments, some comments were automatically processed and accepted during the meeting by the ORT Manager. The editors instructed the IRG Chief Editor to fix questionable attributes (excluding radical issues) before release of WS2021v2.0. For details, see Appendix A or browse:

<https://hc.jsecs.org/irg/ws2021/app/>.

For the Taoist used and other characters / symbols, the editors invited experts to further study on how to encode them, and submit contributions by 2022-01-31.

The editors set WS2021v2.0 schedule as below:

- 2021-10-15: The IRG Chief Editor fix all questionable attributes (excluding radical issues) through ORT. The character submitters submit updated fonts to the IRG Chief Editor and the ORT Manager.
- 2021-10-22: The ORT Manager releases IRGN2516 WS2021v2.0 on line and distributes attributes file (xls format).
- 2021-12-24: The IRG editors submit comments through ORT.
- 2022-01-07: The ORT Manager release Consolidated Comments on line and distributes PDF file.
- 2022-03-04: The editors feedback to comments on line.

Note: the updated UCV and NUCV list are to be referenced in WS2021 review.

3. Revisions of IRG PnP

- **IRGN2474 IRG PnPv14 and Feedbacks**
- **IRGN2482 Proposal to improve IRG process, feedbacks from ROK and Toby**

The editors discussed the feedbacks of PnPv14 draft and confirmed it without new request.

The editors confirmed the need of more information on the use of non-cognate rule. Yet, the issue of “avoid encoding self-created characters (生造字 Shēngzàozi)” needs further study. The editors requested the PnP drafter to produce PnPv15 (IRGN2515) based on feedback in #57, IRGN2482 & feedback to add the following major principles as stated in IRGN2506:

- More specific description on non-cognate character (IRGN2474Feedback and IRGN2482).
- The necessity to supply pronunciation information, yet different pronunciations alone are not sufficient to claim non-cognate.
- Update source references based on WS 2017.

For the request of a cross-reference between Chinese and English of PnP, the editors agreed that an official Chinese version is out of IRG working scope, thus invited volunteers for translation and help of IRG.

The editors set the following schedule:

- 2021-10-15: IRG convenor to complete the first draft of IRG PnP V15.
- 2021-12-15: Feedback by IRG experts for revision/correction.
- 2022-01-15: IRG convenor to produce the second draft if needed.
- 2022-02-28: all revision comments reach IRG convenor for finalization at IRG #58.
- 2022-02-28: Feedback on avoid encoding self-created characters (生造字 Shēngzàozi).

4. Unihan Additional Attributes

- **IRGN2492 (UTC) and feedback by Eiso**

The editors discussed the 5 IDCs proposed in IRGN2492 and confirmed that creating IDS components is good idea, and invited experts to feedback on IDCs by 2022-01-30.

5. Disunified characters since IRG#54

- **IRGN2491 and feedback by TCA**

The editors reviewed IRGN2491 and feedback by TCA, then instructed the IRG Chief Editor to continuously update it according to feedbacks.

- 2021-11-01: IRG Chief Editor submit a draft updated list (IRGN2517).
- 2022-02-28: Feedback by IRG experts.

6. Source Reference changes

● IRGN2490 Vietnam

The editors agreed and noticed that all changes are reflected in the Unihan database (UAX #38, Unicode Standard v14).

7. New UCV list

● IRGN2481 by Henry, Eiso, and Yi Bai

The editors discussed new UCV examples and revised NUCV examples in IRGN2481 and new examples in WS 2021 discussion (as listed in Appendix B). Mr. Yi Bai, the co-editor of IWDS will produce all the new UCVs and NUCV updates for review by IRG. The schedule is as below:

- 2021-09-30: IWDS co-editor to incorporate IRG#57 additions to generate a new UCV/NUCV list (IRGN2514)
- 2021-10-15: Experts give feedback to IRG convenor
- 2021-10-30: IWDS co-editor to update if needed
- 2022-02-14: Feedback should reach IRG for finalization at IRG#58.

Note: WS 2021 review can make use of the newly agreed UCV for unification.

8. Feedback for HKSARG IDS(IRGN2438) and IDS decomposition principles

● Feedback by Yi Bai

IRGN2438 provides a list of Ideographic Description Sequence (IDS) of characters in the Hong Kong Supplementary Character Set - 2016 (HKSCS-2016), and the principles of IDS assignment of them. Mr. BAI Yi's feedback analyzes some new features of HKSCS IDSs. Additionally, the feedback gives some advices for the HKSCS IDS data. The editors would like to thank HKSARG and Mr. BAI Yi for their contributions.

9. Horizontal Extensions:



- IRGN2507 (HKSARG)**
- IRGN2512(ROK) and Feedback by Eiso**

The editors agreed that the 2 characters in IRGN2507 could be encoded as horizontal extensions, and asked HKSARG to submit the attributes and font to ISO/IEC 10646 project editor by 2021-09-24.

The 51 characters submitted by ROK in IRGN2512 were agreed in principle, feedbacks were requested submitted by 2021-10-31. If needed, a revised proposal should be submitted by ROK, by 2021-11-30, for IRG#58 deliberation. The feedback to the revised proposal must be submitted by 2022-02-28.

10. Glyph Change

- **HKSARG IRGN2508**









The editors agreed the glyph change of H-8ACB (U+22ACF) from  to .

- 2021-09-24: HKSARG to submit attribute data and font to ISO/IEC 10646 project editor

11. Disunification/glyph changes

- **IRGN2509 by Alexander Zapryagaev**
- **IRGN2510 by Kushim Jiang, Feedback by Wang Xieyang , TCA, Ken Lunde**
- **IRGN2511 by Huang Junliang**






The editors discussed the glyph change of G0-6566 and V1-5454 (U+5F50)

5F50
 58.0
     
G0-6566 H-C8D0 T3-2140 J1-3C77 K2-313A V1-5454

UTC-01005



and other corresponding modifications. China and Vietnam were invited to evaluate and feedback by IRG#58.

IRGN2510 requests to disunify the compatibility characters U+FA99

   
FAB0 糸 120.9 KP1-671B ≡ 7DF4 練 ~ 7DF4 FE02 FAD1 木 75.4 KP1-4626 ≡ 233D5 梳 ~ 233D5 FE00

U+FAB0  and U+FAD1  from the corresponding CJKUI U+6ECB , U+7DF4  and U+233D5 . The editors considered the proposed disunification unnecessary. Instead, if there is a need, new characters could be proposed to minimize character mapping change.

The editors agreed in principle that the glyph of UTC-01250 (U+30759) to be

changed from  to  as described in IRGN2511.

The editors set the following schedule:

- 2021-09-24: UTC to submit attribute data and font to ISO/IEC 10646 project editor
- 2022-02-28: Review and Feedback on IRGN2509 by China and Vietnam for possible actions in IRG #58

12. Confirmation of KC-06293 (U+2D84F) Glyph

- **Response for IRGN2476 (UCV)**

The editors noted that the glyph of KC-06293 (U+2D84F) would be kept as it was in UCS 2020, because ROK glyph normalization rules do not apply to CJK_F and earlier submissions including their horizontal extensions.

2D84F 𢵱
手 64.8
KC-06293

13. Feedback from Suzuki

Editorial meeting suggested editors to review IRGN2478 Suzuki Feedback on Japanese place names.

Appendix A: WS2021 IRG#57 Discussion Records

Appendix B: New UCVs and NUCVs agreed in IRG#57

END.