Universal Multiple-Octet Coded Character Set

UCS

ISO/IEC JTC1/SC2/WG2/IRGN2571

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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#59 online discussion on the following issues.

1.Disunifications and unifications

● **Updated collection of disunified characters since IRG#45 (IRGN2552, IRGN2517)**

IRGN2517 collects disunified characters since IRG#45, editors are invited to review and give feedback. The updated file number will be IRGN2552.

● **Disunification of U+5F50 (IRGN2543&Feedback)**

The editors agreed to keep the H glyph (H-C6D0) in U+5F50. HKSARG has no

need to include the disunified new characters   as its source at U+2B739.

● **Unification of U+31F68 (IRGN2583)**

As required by WG2 in WG2N5194, the editors discussed and concluded that GHZ-53205.02 was unifiable to U+26C25 and accepted to change its source to

GU-31F68 as suggested in WG2N5194.

- **Disunification of U+4E30 (IRGN2539 HKSARGFeedback)**

The editors agreed not to disunify U+4E30 and keep the H glyph 丰 (HB1-A4A5) in U+4E30.

- **Disunification request for 8 characters (IRGN2537)**

\>> U+681D (栐)

\>> U+6B25 (欥)

\>> U+6C97 (泗)

\>> U+929B (銛)

\>> U+46B0 (䚰)

\>> U+208B7 (𠢷)

\>> U+216BA (𡚺)

\>> U+2335F (𣍟)

The editors were invited to further study IRGN2537 and give feedback for discussion in IRG#60. China is requested to give feedback.

2. Horizontal extension

- **Concerning three latent M-Source characters (IRGN2575&Feedbacks from MSARG, TCA Feedback)**

IRGN2575 from Mr. Eiso Chan listed three latent M-Source glyphs for MSARG and TCA's consideration. Since Macao government does not maintain the glyph shapes of Big5 and HKSCS, MSARG has no intention nor agree to add them into M column of ISO/IEC 10646. Users in Macao are free to use any product supported fonts for characters in these two sets.

On the other hand, TCA in their feedback explained the inherited problem caused by U+5F5D 彝 (glyphs used in Hong Kong), and U+5F5E 彞 (glyphs used in Taiwan). The editors aware that the mapping for U+5F5E is missing in Unihan database and encouraged TCA to make proposals and actional items to UTC to rectify the problem.

3.Glyph change

- **T Glyph change of U+31D5A (IRGN2577&Feedback)**

The glyph of U+31D5A was accepted in principle be changed as 䄴 (T13-396B), the radical and stroke count will be kept unchanged. TCA was invited to confirm it

officially by IRG#60.

- **V source glyph updates: IRGN2556R, feedback by Shen Tianheng, and response to IRGN2556R.**

The editors accepted the proposed changes of 31 Vietnamese Nôm glyphs in IRGN2556R. Vietnam to submit IRGN2556R2 to IRG for review.

- **V glyph change of U+2143F (IRGN2553)**

VN-2143F 墶 to VN-2143F 墶

The editors confirmed the glyph change of VN-2143F for U+2143F as above.

- **T-Source glyph and codes update (IRGN2580)**

The editors generally accepted the document from TCA about proposing 21 T glyph changes and 4 horizontal extension requests. TCA was requested to update the document with document number IRGN2586, and submit it to IRG Convenor and WG2.

4.UCV updates

- **Confirmation of UCV/NUCV (IRGN2548)**

The editors accepted updated UCV examples and revised NUCV examples (IRGN2548) produced after IRG#58.

- **New UCV and NUCV (IRGN2576)**

The editors discussed the request of adding four new UCVs and expanding one UCV, and agreed in principle to update them into the UCV/NUCV list as proposed. The editors were also asked for feedback by IRG#60.

5. IWDS Update

- **Confirmation of introduction of levels for UCV/NUCV (IRGN2550)**

The editors accepted the document (IRGN2550).

6. PnP Issues

- **IRGN2551& Feedback**

The editors considered it unnecessary to introduce the term "self-created characters" in IRG. The editors acknowledged the necessity to clarify the guidelines for quality submission in IRG PnP V16.

- **Daoist-usage characters (IRGN2579)**

The editors reviewed TCA document IRGN2579 and were invited to give feedback.

- **IRG PnP V16**

With reference to IRGN2566 and feedback and editorial review of IRG WS 2021, the editors asked the IRG convenor to produce PnP V16 Draft for review in IRG#60.

7. Encoding five new ideographic description characters (IRGN2572 &Feedback)

The editors had no objection of encoding 5 new ideographic description characters proposed in IRGN2572. However, the editors noticed that the proposed IDC of component subtraction may cause confusion in actual use. Also, there should be some rules for the use of two unary operators which require more investigation.

8. Handling of music symbol (IRGN2540 & HKSARG Feedback)

The editors had no objection to encode the Sanban sign サ as a musical symbol separately from CJK characters.

9. T-Source issues related to personal names (IRGN2554R)

The editors are aware that the official certified list of unencoded characters belonging to living people in the verified entries of the household registration system was in principle sufficient evidence for encoding. The editors agreed in principle that personal names composed of regular Han components were suitable for encoding.

10. CJK Ideograph property (IRGN2574)

The editors generally accepted the proposal and the method to correct the inconsistent strokes data in UCS. Mr. Henry Chan was invited to help.

11. On encoding early Chinese organic chemical characters in WS2021 and other complex ideographs (IRGN2578)

The editors considered a separate descriptive scheme for early Chinese organic chemical characters unnecessary as China points out that this way of describing organic chemicals is obsolete.

12. IRGN2442 and IRGN2542 G Source changes

China will reply by IRG#60.