ISO/IEC JTC1/SC2/WG2/IRG
Ideographic Research Group (IRG)

IRG Meeting #61 Recommendations and Action Items

Source : IRG Meeting #61
Place : Yale University, Connecticut, USA and Zoom
Date : 2023-10-16 to 2023-10-20

IRG Meeting #61, attended by experts from China, Republic of Korea (ROK), Hong Kong SAR, Macao SAR, SAT, TCA, UK, USA/Unicode, Vietnam, and individual experts, has made the following recommendations and action items:

Recommendation IRG M61.01: Future Meeting Schedule

Unanimous

IRG resolves to adopt the following meeting schedule:
Approved by WG2 already:
- IRG#62, Online Zoom(Unicode), 2024-03-18/22 .
- IRG#63, 2024-10-21/25, ROK, location to be decided (tentative).
- IRG#64, Online Zoom (Unicode), 2025-03-17/21
- IRG#65, Beijing(tentative), 2025-10-13/17, China

Need to seek WG2 approval:
- IRG#66, Online Zoom (Unicode), 2026-03-16/20

Note: IRG plans to have one Zoom meeting and one face-to-face meeting per year. Face-to-face meeting hosts may be asked to provide online meeting facilities when the need arises.

Recommendation IRG M61.02: Confirmation of UCV and NUCV (IRGN2610, IRGN2621)

Unanimous

IRG accepts updated UCV examples and revised NUCV examples (IRGN2610) produced after IRG#60. The confirmed documents will be posted on IRG working document series website by IRG Convenor by 2023-10-31.

Recommendation IRG M61.03: New UCV and NUCV (IRGN2621AppendixB)

Unanimous

IRG further accepts new UCV examples concluded in IRG#61 (IRGN2621AppendB) with the working schedule given below.

Action Items:
- 2023-11-10: IWDS co-editor to produce a new UCV list (IRGN2615 draft).
- 2023-11-24: Experts give feedback to IRG Convenor and IWDS co-editor.
- 2023-12-08: IWDS co-editor to update IRGN2615 draft if needed.
- 2024-03-01: All feedback should reach IRG for finalization at IRG#62.

Recommendation IRG M61.04: IRG PnP V17 (IRGN2612&Feedback, IRGN2639&Feedback, IRGN2646 and IRGN2622**)**

Unanimous

IRG PnP will be revised to PnP V17 (IRGN2652) based on suggestions of (1) provision of short cover page for large files, (2) possible use of captions and subtitles, (3) mandatory requirement for attribute data for evidence submissions especially for multiple source evidences, (4) collection of evidences in ORT, (5) quality submission validated by analysis of submission data (raised unification questions, ill-formed IDS, evidence quality) which may be used to limit submission size.

Action Items:
- 2023-11-30: IRG Convenor distribute IRGN2652 Draft 1 to IRG experts for review and input.
- 2023-12-31: Feedback by IRG experts to IRG Convenor.
- 2024-01-31: IRG Convenor distribute IRGN2652 Draft 2 to IRG experts for review and feedback.
- 2024-02-28: Feedback by IRG experts to IRG Convenor.
- IRG#62: Finalization of IRGN2652.

Recommendation IRG M61.05: IRG Working Set 2021 (IRGN2606 & feedback, IRGN2621)

Unanimous

IRG has reviewed IRG WS 2021V5.0, feedback and responses and agrees to produce IRG WS 2021V6.0 (IRGN2632) based on conclusions included in IRGN2621AppendixA.

- 2023-11-24: The IRG Chief Editor and the ORT Manager fix all data. Character submitters submit updated fonts to the IRG Chief Editor and the ORT Manager. (5 weeks.)
- 2023-12-15: The ORT Manager releases IRG WS2021v6.0 (IRGN2632) online and distributes attributes file (xlsx format). (3 weeks.)
- 2024-01-26: The IRG editors submit comments through ORT. (6 weeks.)
- 2024-02-21: The ORT Manager releases Consolidated Comments online and distributes PDF file. (3.5 weeks.)
- 2024-03-08: The editors provide feedback to comments online. (1.5 weeks.)

Note: new and revised UCV and NUCV examples included in IRGN2621AppendixB are to be referenced in WS2021 review.

Recommendation IRG M61.06: ROK Horizontal Extension (IRGN2643R, IRGN2622)

Unanimous

IRG reviewed the horizontal extension of over 300 ROK characters and requests ROK to add normalization rule numbers for normalized ROK characters with the following working schedule for final deliberation at IRG#62.

Action items:
- 2024-01-12: Submit the revised document to IRG Convenor .
- 2024-03-08: Review and feedback by IRG experts.

Recommendation IRG M61.07: Correction of 4 Character Glyphs (IRGN2616&Feedback, IRGN2622)

Unanimous

IRG accepts the change of one G-source glyph (U+2B92C) and one UK-source glyph(U+32268) to their original forms. Font of G-source glyph (IRGN2616GGlyph) as well as font of UK-source (IRGN2616UKGlyph) should be submitted to WG2 by 2023-10-31.

China is asked to review and propose solutions to the glyph issues of U+2BBEE and U+2BD9A no later than 2024-01-31 for expert review and discussion at IRG#62.

Recommendation IRG M61.08: One Horizontal Extension of G-source Character (IRGN2636, IRGN2622)

<div align="right">**Unanimous**</div>

IRG accepts the unification of a G-source character GHZR-31789.03 to U+2C21C currently having one T-source glyph (TD-3E68). China is asked to submit both glyph and attribute data (IRGN2636GAttributes) to WG2 by 2023-10-31.

Recommendation IRG M61.09: Update of G-source information of U+320DD (IRGN2648, IRGN2622)

<div align="right">**Unanimous**</div>

IRG agrees for the change of G-source reference for U+320DD to GZ-4321208. IRG Convenor will forward this data to WG2 Convenor for further actions.

Recommendation IRG M61.10: One Glyph Change of a V-Source character (IRGN2651, IRGN2622)

<div align="right">**Unanimous**</div>

IRG agrees for the change of the V-source glyph of U+21128. Vietnam is asked to submit the font (IRGN2651VGlyph) to WG2 by 2023-10-31.

Recommendation IRG M61.11: Two Disunifications of Stroke Characters in CJK Stroke Block (IRGN2647, IRGN2622)

<div align="right">**Unanimous**</div>

IRG reviewed the proposed addition of 2 stroke characters and is in support of them as two additional CJK stroke characters.

Recommendation IRG M61.12: Issue of Extension I to Other CJK Source Characters (IRGN2635&Feedback, IRGN2622)

<div align="right">**Unanimous**</div>

IRG recognizes the urgent need for the encoding of Ext. I. IRGN2635 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. IRG also has concerns on by-passing IRG for large collections of CJK character extension. In this regard, IRG would like to recommend the following actions:

- 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.

- For extension of CJK characters in large sizes, IRG should be given time to review.
- Disunification cases against current Unification examples should be well recorded.
- IRG should also be more conservative when introducing new unification examples as liberal acceptance of unification may cause over-unification in the future. Only commonly used components that are well known as variants should be introduced as new unification examples.
- IRG encourages China to propose possible solutions to the issue of Ext I glyphs being identical to other encoded characters according to the rule of unification (UCV), and to discuss them at IRG meeting #62.

Recommendation IRG M61.13: Submission of IRG WS 2021 to WG2 (IRGN2621)

Unanimous

IRG considers IRG WS2021 V.6 as it last review to be finalized at IRG#62 for after meeting submission to WG2.

Recommendation IRG M61.14: Issues on Transliteration (IRGN2612&Feedback, IRGN2622)

Unanimous

IRG would like to encourage IRG experts to review and give input to the transliteration issues for discussion in IRG#62 using file IRGN2652 for feedback. Suggested text is encouraged such that IRG would be able to build consensus for inclusion IRG PnP.

Recommendation IRG M61.15: IRG WS 2024 Submissions (IRGN2639&Feedback&SubmissionTemplate, IRGN2622)

Unanimous

IRG decides to call for the next IRG working set. IRG targets to receive submissions after IRG#62. 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 (IRGN2621AppendixC) and working schedule.

Action Items:
- 2024-07-26: Submitters send their IRG WS2024 collections to IRG Convenor and ORT Manager.

- 2024-08-12: The IRG ORT Manager distributes IRGN2680, WS2024 V1.0.
- 2024-09-20: IRG experts submit comments through ORT.
- 2024-09-30: The IRG ORT Manager distributes consolidated comments.
- 2024-10-18: IRG WS 2024 submitters give responses through ORT.
- 2024-10-21/24: IRG#63 quality evaluation and review.

Recommendation IRG M61.16:   Accepting New G Source (IRGN2641, IRGN2622)

Unanimous

IRG decides 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.

Recommendation IRG M61.17: Update of Representative Glyphs (IRGN2642, IRGN2622)

Unanimous

IRG accepts the glyph changes of U+203D8, U+2D156, and U+25B9F. China is requested to submit the revised font (pdf showing the characters) and attribute data to WG2.

Action Items:
- 2023-10-31: Submit IRGN2653 showing the revised character glyph and attributes.
- 2023-11-13: Review Feedback by IRG experts.
- 2023-11-16: Any update to IRGN2653 should be submitted to IRG. Font and data to be submitted WG2 for processing.

Recommendation IRG M61.18: IRG Review of Documents (IRGN2634, IRGN2637, IRGN2645, IRGN2650, IRGN2622)

Unanimous

IRG reviewed 4 documents. IRG recommendations are given below:
1. Hongmen characters (IRGN2634): The characters are considered CJK unified ideographs and thus these characters may be submitted to IRG for future extension.
2. Script-specific hybrid and abbreviated CJK Letters (IRGN2637): IRG does not consider the proposed characters belong to CJK unified ideographs. The proposer can take feedback from IRG experts for further processing at UTC/WG2.

3. Jianzi music notational characters: IRG agrees that the elements of this notation can be handled as CJK unified ideographs. As the collection is large, this proposal may be submitted to IRG for review.
4. Update representative glyph of U+3029 SUZHOU NUMERAL NINE (IRGN2650&feedback): IRG has no objection to the update using the first proposed glyph shape. IRG member bodies will be informed of this change once approved by WG2.

Appreciation

IRG would like to express its sincerest thanks to IRG#61 meeting host: Yale MacMillan Center, Council on East Asian Studies. IRG would also like to express its sincerest thanks to Prof. Jing Tsu, Ms. Injoong Kim, Mr. Dylan Siegel, and Ms. Song Keng Teoh for their excellent logistics and hospitality. Special appreciation also goes to Mr. Dylan Siegel for managing access to Zoom and keeping the participants list up to date.

IRG would like to show its sincere appreciation to Henry Chan for the development of the IRG ORT and its continuous update. IRG would also like to encourage IRG experts to suggest useful functions to be added to ORT to continuously improve quality and efficiency of the IRG review process.

IRG is grateful to the Chinese University of Hong Kong for providing the server of the IRG Website.

End of document