ISO/IEC 10646/JTC 1/SC 2/WG 2/IRG
Ideographic Research Group (IRG)

IRG Meeting #58 Recommendations and Action Items

Source : IRG Meeting #58
Place : Online Zoom hosted by Unicode
Date : 2022-03-14 to 2022-03-18

IRG Meeting #58, attended by experts from China, Republic of Korea (ROK), Hong Kong SAR, Macao SAR, TCA, UK, Vietnam, USA/Unicode, SAT Project and individual experts, has made the following recommendations and action items:

Recommendation IRG M58.1: Future Meeting Schedule

Unanimous

IRG resolves to adopt the following meeting schedule:
IRG#59, Online Zoom(Unicode) 2022-10-17/21
IRG#60, Online Zoom(Unicode), 2023-03-20/24
IRG#61, Los Gatos, California, USA(Netflix), (back up Yale University), backed up by online zoom(Unicode), 2023-10-16/20

Note: IRG plans to have one Zoom meeting and one face-to-face meeting per year when travel resumes.

Recommendation IRG M58.2: Review of IRG Working Set 2017 (IRGN2544&table, IRGN2535, IRGN2536)

Unanimous

IRG accepts revisions by Vietnam (IRGN2535) and accepts the updated IRG WS 2017 for extension H (IRGN2544 and the updated mapping table). The updated attribute table is provided under IRGN2544.

Recommendation IRG M58.3: New UCV and NUCV (IRGN2481, IRGN2506, IRGN2514, IRGN2547, IRGN2536)

IRG accepts the UCV examples and revised NUCV examples (IRGN2514) produced after IRG#57. IRG agrees to include a level attribute in UCV to help reduce possible over unification for non-cognate characters (IRGN2547). IRG accepts the three new UCV examples proposed by Yi Bai in IRGN 2514. IRG further instructs the IWDS co-editor to produce a new UCV list to include the level information and new UCV examples agreed in IRGN2506 and IRGN2536 as well as the examples in IRGN2481.

Action Items:
- 2022-04-15: IWDS co-editor to produce a new UCV list (IRGN2548 draft)
- 2022-06-15: Experts give feedback to IRG convenor and IWDS co-editor
- 2022-08-15: IWDS co-editor to update IRGN2458 draft if needed
- 2022-09-15: Feedback should reach IRG for finalization at IRG#59.

Recommendation IRG M58.4: IRG Introducing Levels in UCV (IRGN 2547, IRGN2536**)**

Unanimous
IRG accepts the proposal (IRGN2547) to introduce levels in UCVs in IWDS in order to avoid over unification. IRG instructs the IWDS Co-editor to update the current IWDS rules and principles(IRGN2426 confirmed at IRG#53) to produce an updated file(IRGN2550).

Action Items:
- 2022-04-15: IWDS co-editor to produce updated IWDS rules and principles (IRGN2550)
- 2022-06-15: Experts give revision feedback for finalization at IRG#59

Recommendation IRG M58.5: IRG PnP V15 (IRGN 2515, IRGN2536**)**
Unanimous
IRG accepts IRG PnP V15(IRGN2515) and requests IRG convenor to submit it to WG2.

Recommendation IRG M58.6: Urgently Needed Characters and Disunification of U+5F50 (IRGN2509 & feedback, IRGN2538 &feedback, IRGN2543&Feedback, IRGN2536)
Unanimous
IRG accepts the request from MSAR (IRGN2538) for 1 character as UNC. IRG further agrees to disunify it from U+5F50 as a new vertical extension. The G glyph and its source will remain in this code point. Furthermore, the current V- and U-Source source references and representative glyphs for U+5F50 will be moved to the new code point (likely to be U+2B739 at the

end of Extension C). Vietnam will add a new V-Source source reference, VN-05F50, and representative glyph for U+5F50.

Action Items:
- 2022-03-31: MSAR, UTC, and Vietnam to submit attribute data and font to IRG convenor and ISO/IEC 10646 project editor

Recommendation IRG M58.7: IRG Working Set 2021 (IRGN2516&feedback, IRGN2536)

Unanimous

IRG has reviewed WS 2021V2.0, feedback and responses and agrees to produce WS 2021V3.0 based on conclusions included in IRGN2536AppendixA. The working schedule to produce IRG WS 2021 V3.0 (IRGN2549) is given below.

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

Note: new and revised UCV and NUCV examples included in IRGN2548 are to be referenced in WS2021 review.

Recommendation IRG M58.8: Issues related to modern self-created characters (IRGN2521&feedback, IRGN2536)

Unanimous

IRG recognizes the need to creating new ideographs, yet, IRG would not like to accept self-created characters that have no shared value. Based suggestions from IRGN2521&feedback and discussions at IRG#58, IRG instructs its convenor to draft a summarized text on this issue (IRGN2551) for further deliberation and inclusion in future IRG PnP.

Action Items:
- 2022-05-31 Draft ready for experts to review
- 2022-08-31 Feedback from experts for discussion at IRG#59

Recommendation IRG M58.9: Need more input on Daoist characters and other atypical symbols/text (IRGN2518, IRGN2522, IRGN2536)

Unanimous

IRG 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, IRG needs further study on the handling of Daoist characters in future IRG working sets. Daoist characters in IRG WS 2021 will be processed based on current IRG principles and procedures. IRG further calls for Daoist experts to help IRG to come up with principles and rules for encoding in CJK unified ideographs. IRG aims to have this work done before the submission of the next working set.

Action Items:
- 2022-08-31 All contributions to reach IRG convenor to give experts time to study/review for discussion at IRG#59

Recommendation IRG M58.10: T-Source evidence for personal names (IRGN2546, IRGN2536)

Unanimous

IRG requests TCA to submit an explanation document on the Household Registration Database to understand its stability including is update procedure and handling of names no longer in use as well as character use statistics. This would help IRG to understand the need to encode these personal names. IRG suggests these information to be provided by 2022.04.30 to facilitate the review of IRG WS 2021V3.0.

Recommendation IRG M58.11: Collection of disunified characters since IRG#45 (IRGN2517, IRGN2536)

Unanimous

IRG accepts the IRGN2517 as a new version of IRG Collection of disunified characters since #45. IRG instructs its convenor to post this file in the IRG website for easy access. IRG further requests its chief project editor to produce an updated list based on additional disunified characters in IRG#58 (IRGN2552) by June 15, 2022 for IRG expert to review and finalization in IRG#59.

Recommendation IRG M58.12: Handling of a music symbol (IRGN2540, IRGN2536)

Unanimous

IRG requests its experts to give feedback on the method of encoding a Chinese music symbol as stated in IRGN2540 for decision at IRG#59.

Action Items
- 2022-09-30 Experts to send feedback for decision at IRG#59.

Recommendation IRG M58.13: G-source change proposal (IRGN2542, IRGN2536)

Unanimous

IRG requests China to review the G source change proposal (IRGN2542) to avoid having many dangling references and provides response information and action at IRG#59.

Recommendation IRG M58.14: Errata report on U+48B4 and U+4E30 (IRGN2539, IRGN2545, IRGN2536)

Unanimous

IRG accepts the request to change U+48B4 G glyph (GS-2151) as proposed in IRGN2545. For other GS glyphs in IRGN2545, China and other IRG members /experts are invited to provide feedback. IRG further requests its experts to review IRGN2539 which involves a character U+4E30 with many sources including G, H, T, J, K, V and provides feedback for decision at IRG#59.

Recommendation IRG M58.15: Horizontal Extension of K-source ideographs (IRGN2512&Feedback, IRGN2512R, IRGN2536)

Unanimous

IRG accepts the horizontal extension of K-source characters, and instructs ROK to submit IRGN2512R and font to ISO/IEC 10646 project editor for further processing.

Recommendation IRG M58.16: Disunification request (IRGN2537&Feedback, IRGN2536)

Unanimous

IRGN2537 proposed 8 pairs of characters for separate coding. IRG invites experts to further study this document and give feedback for discussion in IRG#59. China is requested to give feedback to IRG by IRG#59.

Recommendation IRG M58.17: T-Source ideographs (IRGN2519&Feedback, IRGN2536)

Unanimous

IRG noted the issues raised in IRGN2519 on some T-source ideographs and requests TCA to provide a response and follow up actions to rectify the problems.

Appreciation

IRG would like to express its sincerest thanks to the IRG #58 meeting sponsor, the Unicode Consortium, for arranging the Zoom virtual meeting, and for inviting IRG experts to join its Slack workspace for discussions during and between meetings. In particular, the IRG expresses it sincere gratitude to Mr. Peter Constable, chair of the Unicode Technical Committee, who graciously arranged the Zoom virtual meeting. IRG would also like to thank Dr. Ken Lunde, Chair of the CJK & Unihan Group and Vice-Chair of Emoji Subcommittee, and Mr. John Jenkins, Vice-Chair of the CJK & Unihan Group, who have made great efforts to help arranging meeting logistics including, but not limited to, managing access to Zoom and keeping the participants list up to date.

IRG would like to show its sincere appreciation to Henry Chan again for the development of the IRG ORT and encourages Henry Chan to add more functions into ORT when appropriate for IRG review and sharing.

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

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