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Date: 2019-05-17

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

# IRG Meeting #52 Recommendations and Action Items

Source : IRG Meeting #52
Place : Hong Kong
Date : 2019-05-14 to 2019-05-17

IRG Meeting #52 attended by experts from China, Hong Kong, Macao SARG, Republic of Korea (ROK), USA/Unicode, TCA, SAT Project and individual experts and have made the following recommendations and action items:

## Recommendation IRG M52.1: Future Meeting Schedule

**Unanimous**

The IRG resolves to adopt the following meeting schedule(Approved by WG2):
IRG#53 Shenzhen, China 2019-10-21/25

IRG has also made future meeting schedule for WG2 approval :
IRG#54 Los Gatos, CA, USA 2020-05-18/22 (Unicode/Netflix)
IRG#55 New Haven, CT, USA, 2020-10-19/23 (Yale University)

## Recommendation IRG M52.2: Review of IRG Working Set 2015 (IRGN2327&Feedback, IRGN2346&CD2Disposition Comments, IRGN2363)

**Unanimous**

The IRG reviewed IRG#51Editorial reports, its feedback and CD2 Disposition comments and agreed to minor revisions listed in IRGN2363. IRG will produce WS 2015 V8.0 for verification before informing ISO/IEC project editor to produce Ext. G code chart.

Action Items:

- 2019-05-17: China, ROK, SAT, TCA, UK, UTC submit checking reports to the IRG Chief Editor.

- 2019-05-24: The IRG Chief Editor submit the corrected Attributes to the UCS Project Editor.
- 2019-05-24: The character submitters submit updated fonts to the UCS Project Editor.
- 2019-05-31: The UCS Project Editor distribute updated WS 2015 V8 to IRG for review.
- 2019-06-07: Feedback on verification of WS 2015 V8 against IRGN2363 to IRG Chief Editor for submission to UCS Project Editor for production of Ext. G.

### Recommendation IRG M52.3: Review of IRG Working Set 2017 (IRGN2347andFeedback, IRGN2364)

**Unanimous**

The IRG has reviewed comments and responses for IRG Working Set 2017 and recorded editorial decisions in IRGN2364. IRG further agrees to the following working schedule

Action Items:

- 2019-06-14: IRG Chief Editor distributes data of IRGN2385 IRG WS2017v4.0 to IRG experts.
- 2019-06-14: WS2017 character submitters submit updated BMP/PNG to the IRG Chief Editor and Mr. Henry Chan.
- 2019-06-28: Mr. Henry Chan releases the IRGN2385 IRG WS2017v4.0 on line and also generate a PDF version of IRGN2385 to IRG convenor.
- 2019-08-09: IRG experts submit review results to the online IRG review tool and Mr. Henry Chan (Other experts can also submit review result from PDF version as editable file form.)
- 2019-10-11: WS2017 character submitters provide response to the online IRG review tool.
- 2019-10-11: Submitters should have TTF available for code chart production after IRG#53.

### Recommendation IRG M52.4: New UCV and NUCV (IRGN2364)

**Unanimous**

IRG has produced 21 new UCV and NUCV examples in IRG #52 as listed in IRGN2364. IRG asked Mr. Henry Chan's assistance to consolidate UCVs and NUCVs from IRG#46 for update.

Action Items:

- 2019-06-14: Mr. Henry Chan to produce the consolidated list for update.
- 2019-06-28: Complete the update on IWDS UCV (IRGN2387) and IWDS NUCV (IRGN2388) on the respective lists by Mr. Taichi Kawabata.
- 2019-10-01: Experts to report any problem in the update.

### Recommendation IRG M52.5: IRG PnP Update (IRGN2345&feedback, IRGN2365)

**Unanimous**

IRG has reviewed IRG PnP Version 12 draft (IRGN2345Draft2). Based on discussion in IRG#52 on some source reference change and for make better quality submission in the

future for IRG work, the IRG decided to update its requirements on character submissions and asked the IRG convenor to incorporate these information into IRG PnP V12. The IRG also resolves to amend section 2.2 of its PnP document to explicitly discourage the separate encoding of variant characters. The PnP will indicate that the use of an IVS is the appropriate mechanism for representing variants of encoded characters. This change is to affect only submissions after the IRG WS2017.

Action Items:

- 2019.08.01 The IRG Convenor is requested to incorporate the revision comments to produce Draft3 IRG PnP V12 (IRG N2345) for review by IRG experts.
- 2019.09.01 Feedback by IRG experts
- 2019.10.01 Draft4 of IRG PnP V12 ready for review and finalization in IRG #53.

### Recommendation IRG M52.6: Horizontal Extensions (IRGN2349, IRGN2368, IRGN2369, IRGN2379, IRGN2380, IRGN2365)

**Unanimous**

The IRG received Horizontal Extension Requests from ROK, HKSARG, UTC, China and UK. IRG accepts HKSARG proposal of one character (IRGN2368) and ROK's request (IRGN2349) to move source reference of K6-1022 in Horizontal Extension of KS X 1027-5 from U+3EAC玑 to U+248F2玑. IRG further request HKSARG and ROK to submit font and attribute information to UCS project Editor for follow up. As for the submissions from UTC, China and UK, further review by experts are needed with the following schedule:

Action Items:

- 2019.05.24 HKSARG and ROK to submit font and attribute information to UCS project Editor.
- 2019.09.01 Feedback by IRG experts on IRGN2369, IRGN2379 and IRGN2380.
- 2019.10.01 Response by submitters ready for discussion in IRG #53.

### Recommendation IRG M52.7: Disunification (IRGN2337ResponseR, IRGN2338ResponseR, IRGN2239FeedbackR, IRGN2374, IRGN2365)

**Unanimous**

The IRG reviewed disunfication requests and feedback. Affected source submitters should follow the recommended disunification as listed in IRGN2365 Appendix1.

Action Items:

- 2019.06.01 Source submitters to make fonts and attributes available and a printed document should be made available in IRGN2369Source.
- 2019.06.07 Feedback for correction by experts.
- 2019.06.10 Consolidated list by IRG editor to UCS editor for follow up action.

### Recommendation IRG M52.8: Urgently Needed Characters (IRGN2378, IRGN2365)

**Unanimous**

IRG accepts the UNC proposal with 12 characters from China as modern characters for scientific and technology use. IRG agrees to add the traditional form for GKJ-00206 as a total of 13 characters. IRG also agrees for TCA to submit the corresponding source references to WG2.

Action Items

- 2019.05.24 Complete 13 character fonts, attributes, and a document from China and TCA to IRG convenor(IRGN2390) for IRG review.
- 2019.05.31 Feedback by experts if any.
- 2019.06.06 Update if any to be submitted to IRG editor for sending to UCS editor for follow up action.

### Recommendation IRG M52.9: Jianzi Encoding (IRGN2372, IRGN2365)

**Unanimous**

IRG reviewed Jianzi Encoding proposal and considers Jianzi as music notations outside the scope of IRG work.

### Recommendation IRG M52.10: The Variant Database (IRGN2341, IRGN2365)

**Unanimous**

IRG appreciates the online system of the Variant Database (http://dict.variants.moe.edu.tw/variants/rbt/reference_format3_tiles.rbt?pageId=2981966 ). IRG also recognizes its importance as a tool for IRG work. IRG agrees to provide a link of this system in IRG website.

Action Items:

- 2019.05.24 IRG Convenor to make the link available on IRG website along with entries to IWDS documents.

### Recommendation IRG M52.11: ROK Normalization V1.4 (IRGN2377, IRGN2365)

**Unanimous**

IRG encourages experts to review and give feedback to the normalization rules.

### Recommendation IRG M52.12: Renaming of IRG (IRGN2381)

**Unanimous**

In view of the fact that IRG rapporteur is renamed IRG convenor in WG2, IRG agrees to change its name to Ideographic Research Group (IRG).

### Recommendation IRG M52.13: Combining Marks (IRGN2382)

**Unanimous**

IRG considers the introduction of combining marks proposed by Mr. Lee Collins and Prof. Ngo Thanh Nhan to WG2 may have potential effect on IRG work and repertoire. IRG encourages its members to study the issues and give feedback for discussion in IRG #53.

### Recommendation IRG M52.14: G4K References (IRGN2267R, IRGN2365)

**Unanimous**

IRG accepts the proposed G4K references. IRG will update this source reference information in IRG PnP V12. IRG Convenor will forward the reference list on 2019.05.17 to UCS project editor for follow up.

### Recommendation IRG M52.15: Errata Reports (IRGN2336, IRGN2348, IRGN2370, IRGN2371, IRGN2375, IRGN2383, IRGN2365)

**Unanimous**

The IRG reviewed the errata reports with recommended actions listed in Section 4 of IRGN2365. Editors of related characters should adhere to the following schedule

Action Items:

- 2019.05.24 Fonts, attributes and document to be submitted to IRG Convenor for posting on IRG website IRGN2391Source.
- 2019.05.31 Feedback for correction by experts.
- 2019.06.10 Corrected data to be submitted by individuals to UCS editor for follow up action.

### Recommendation IRG M52.16: China Source Reference Change (IRGN2376, IRGN2365)

**Unanimous**

The IRG asks its experts to review the source reference change request from China and provide review feedback for discussion in IRG#53.

Action Items:

- 2019.10.01 Experts review feedback to IRG convenor.

## Appreciation

The IRG would like to express its sincere appreciation to the IRG #52 meeting host, Department of Computing, the Hong Kong Polytechnic University. IRG would also like to express its sincere appreciation to the Hong Kong SAR Government (OGCIO) for hosting the dinner on Wednesday evening. The IRG would like to express its sincere appreciation to Ms. Dan Xiong, Mr. Chiu Tin-shing, Prof. Lu Qin and other administrative/technical staff for their excellent logistics and hospitality.

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