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ISO/IEC JTC 1/SC 2/WG 2 Universal Multiple-Octet Coded Character Set (UCS) - ISO/IEC 10646 Secretariat: ANSI

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This is a summary to IRG Meeting No. 47(IRGN2180/ WG2N4789 / SC2 N4504) and No. 48 (IRGN2220 / WG2N4829 / SC2 N4537)

1. Future Meetings: recommendations IRG M47.1 and IRG M48.1 (for Information and Approval)

The following gives the IRG future meeting schedules:

IRG#49 San Jose, US 2017-10-16/20 (approved at WG2 #65)

(IRG asks for the approval of the following meeting schedules, by WG2):

IRG#50 China 2018-05-21/25 (to be confirmed) (For Approval)

IRG#51 Hanoi, 2018-10-22/26 (to be confirmed, Hong Kong SAR as back up) (For Approval)

2. Review of IRG Working Set 2015: IRG M47.2, and IRG M48.2 (for Information)

In this period, IRG has followed its schedules to conduct two rounds of review of IRG Working Set 2015. As a result, IRG has completed 4 review cycles in such a way that a full review of the collection is done by all editors. It is the intention of IRG to submit Ext. G collection to WG2 after its #49 meeting to be held in San Jose in Oct. 16- 20, 2017.

3. IRG WDS update: IRG M47.3 and M48.4 (for Information)

IRG reviewed the contributions from members as well as discussion result from IRG#47 and IRG#48 for UCV(Unifiable Component Variations) and NUCV(Non-Unifiable Component Variations) in its working document series. The updated lists will be confirmed in IRG #49.

4. Update of Stroke Count Rules: IRG M47.4 and IRG M48.5 (for Information)

IRG has produced a guideline document on stroke counting rules with two rounds of review. The new guidelines (IRGN2221) are already being used in IRG Working Set 2015 Version 4 review.

5. IRG PnP: IRG M47.7 and IRG M48.3 (for Information and Feedback)

IRG PnP has gone through 2 versions for updates to include (1) Update of source reference to be inline with published standards; (2) stop the use of compatibility zone and encourage members to use IVD; (3) accepting Glyph Normalizations as a new IWDS series; and (4) No IRG collection for IVD. Rather, members are encouraged to submit its own IVD to Unicode and IRG is willing to help review.

IRG also considered the inclusion of a new IWDS on Glyph Normalizations to help handle handwritten ancient scripts for encoding (IRGN2234) and would like to seek WG2 feedback. The revised IRG PnP Version 10 draft is submitted as WG2N4833 for feedback.

6. Provision of Glyph Normalization M47.5 and M48. 8 (for Information and Feedback)

IRG reviewed the document of the normalization for the handwritten forms used by Korean submission to IRG WS2015. IRG appreciates its usability and resolves to include it as a new type of IRG working document in the IWDS as IRGN2234 to be processed by the Rapporteur two weeks before IRG #49.

7. Identification of Possible Errors in CJK Unified Ideographs: IRG M47.6 and IRG M48.6 (for Information)

IRG received contributions on possible errors in CJK unified ideographs stated in IRGN2218, and instructs affected members to respond to the issues for further processing in IRG#49.

8. Horizontal Extensions IRG M48.7 (for Information)

For request from ROK and China to add Horizontal Extensions to coded CJK ideographs, IRG provided comments(IRGN2218) and ask them to follow up for discussion in IRG#49.

9. Urgently Needed Characters IRG M48.9 (for Information and Review)

IRG reviewed UNC submissions from China, Japan and TCA. IRG requests China to submit its UNC proposal (IRGN2198, WG2N4830) of 3 characters to WG2. IRG requests Japan to revise its proposal to submit 2 characters as UNC to WG2(WG2N3831) and requests TCA to update the reference information of its UNC proposal with 2 characters(traditional form of 2 characters in China's proposal)(as WG2N4832) for submission to WG2#66.

10.IRG Working Set 2017: IRG M47.8 and M48.11 (for Information)

Based on estimated submissions from China, ROK, SAT, TCA, UK, and UTC, IRG agrees that each submitter should not submit more than 1,000 characters. IRG will keep the collection for WS 2017 to be within 4,000. (After meeting notes: Vietnam also indicated its intention to submit characters for WS 2017)

11.CJK Supplementary Components: IRG M48.10 (for Information)

IRG reviewed the proposal to add CJK components to improve the quality of IDS database. IRG recommends the proposer to work with the IRG Rapporteur to produce an IRG working document for WS 2017 submissions by 2017-07-07(IRGN2225). IRG may consider to maintain an IRG component list in the future.

12.Request for Consideration of Relaxing IVD Rules: IRG M48.3 with reference to Part B of IRGN2219 (for Information)

With regard to WG2’s suggestion in its #64 meeting, the IRG has reviewed its own review work. In addition to the unifiable cases that could be handled via the IVD, the IRG would also like to request UTC to consider extending UTS #37, which is currently used to handle only unifiable cases, to handle the following two additional types of cases:

- a. Characters with the same structure, with variant components in the 2nd level (or more), which may not be generally unifiable, but for which the IRG can provide strong evidence linking them to encoded characters as variants:
Examples of such cases are shown below:

00002	丰 UTC-01671	U+4E32	串	D
00083	酉 UTC-01506	U+8FFA	迺	
03444	臙 UTC-01164	U+818D	臙	D
05541	𪛗 UTC-02614		2B733 龟 213.5 𪛗 GGH-1030.09	D

- b. Character that have a different structure, but whose difference is not considered significant enough to encode them as completely independent ideographs, and for which the IRG can provide strong evidence linking them to encoded characters as variants: Examples of such cases are shown below:

𪛗 T13-2C6A	U+23D9A(𪛗)	23D9A 水 85.8	𪛗 𪛗 𪛗 UCS2003 GKX-0633.13 T6-4A59	D
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02003	游 T13-2C65	U+6E38	游					D		
02274	戴 T13-2D53	U+243B7 (B)	戴					D		
02038	温 T13-2C79	U+6E29 (温)	6E29 水 85.9	温 G0-4E42	温 H-8DE0	温 T3-3C6B	温 J0-3239	温 V1-5C73	#C di	D
02039	温 T13-2C7A	U+6EAB B(温)	6EAB 水 85.10	温 GE-3067	温 HB1-B7C5	温 T1-646B	温 J3-767C	温 K0-682E	# d	

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