## ISO/IEC JTC1/SC2/WG2/**IRG N2285 L2/18-177**

## Universal Multiple-Octet Coded Character Set International Organization for Standardization

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Title: US/Unicode Activity Report for IRG #50

Source: Dr. Ken Lunde (小林劍) Status: Member Body Contribution

Action: None Date: 2018-05-07

The UTC and others in the US have been involved in the following activities since IRG #49 took place:

- 1. The UTC authorized the release of Unicode Version 11.0 on 2018-05-04 during UTC #155. The formal release is scheduled for 2018-06-05, which will include the UCD (*Unicode Character Database*), Code Charts, and Annexes. The UTC once again expects to simultaneously publish the Core Specification in PDF, which was done for the first time for Unicode Version 10.0 last year. Unicode Version 11.0 will included updated versions of UAX #11 (*East Asian Width*), UAX #38 (*Unicode Han Database*), UAX #45 (*U-Source Ideographs*), and UAX #50 (*Unicode Vertical Text Layout*). Five new properties—*kJinmeiyoKanji*, *kJoyoKanji*, *kKoreanEducationHanja*, *kKoreanName*, and *kTGH*—were added to the Unihan Database, and are documented in UAX #38. A new property, *Equivalent\_Unified\_Ideograph*, was added to the UCD that benefits most of the characters in the CJK Radicals Supplement, Kangxi Radicals, and CJK Strokes blocks. 684 characters will be added to the standard, which will now include 137,374 characters in total. Only five new CJK Unified Ideographs will be added, all of which are UNCs (*Urgently Needed Characters*) appended to the URO from U+9FEB through U+9FEF. As a result, the total number of CJK Unified Ideographs will increase to 87,887.
- 2. Work is already underway on Unicode Version 12.0, which is on an accelerated schedule to be released in March of 2019.
- 3. Per Recommendation IRG M49.2, UTC experts reviewed the UTC-assigned portion of IRG Working Set 2015 Version 5.0 (aka IRG N2269), submitted review comments in late-January, and responded to the consolidated comments in mid-April.
- 4. Although a schedule was specified in Recommendation IRG M49.11, the UTC was unable to review IRG Working Set 2017 (aka IRG N2270) due the higher priority of reviewing IRG Working Set 2015 Version 5.0 and work related to the release of Unicode Version 11.0.
- 5. Per Recommendation IRG M49.5, UTS #37 (*Unicode Ideographic Variation Database*) was updated on 2018-01-29 to add two new unification rules to Section 2 that will also need to be reflected in the IRG's P&P.
- 6. A new version of the IVD (*Ideographic Variation Database*) was released on 2017-12-12 that registers additional sequences for the registered *Adobe-Japan1* and *Moji\_Joho* IVD collections, along with registering the new KRName IVD collection and its first sequences. This is the sixth version of the IVD, and there are now five registered IVD collections.
- 7. IUC42 (42nd Internationalization & Unicode Conference) takes place from 2018-09-10 through 2018-09-12 in Santa Clara, California, USA.

That is all.