Title: WG2 Consent Docket
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Action: For consideration by UTC

WG2 #68 (and SC2 #24) met in Redmond, WA from June 17 to 21, 2019. During that meeting a number of recommendations were agreed to for the CD.2 of the 6th Edition. See WG2 N5054 (=L2/19-247) for the full details of all the recommendations. The revised repertoire is captured in N5100 (=L2/19-227).

As usual, in this consent docket, we summarize just the parts of the actions taken by WG2 which result in a different status between WG2 and the UTC regarding various character approvals. These are the differences where the UTC needs to make some decision regarding how to synchronize approvals (or to oppose a proposed change).

Note that the pipeline page: http://www.unicode.org/alloc/Pipeline.html has already been updated to reflect changes in approvals by WG2, and to highlight differences from the current approvals by the UTC, so that page can be useful in following the discussion below on the individual issues.

CD.2 to the 6th edition
The CD will go out for another ballot (CD.3). It will incorporate the agreed-upon results documented in resolutions from the SC2 meeting.

A. Gongche characters
Although the ballot comments from Japan argued that the Gongche characters are not CJK ideographs, WG2 members as a whole did not agree. WG2 recommended (and SC2 accepted) the move of 7 Gongche characters from U+9FF0..U+9FF6 in the CJK Unified Ideographs block to the end of Extension B, U+2A6D7..U+2A6DD. By moving the characters from the URO, space was made available to add 13 Urgently Needed Characters as a set (B., below).

Recommendation: Accept the code point changes for the 7 Gongche characters from U+9FF0..U+9FF6 to U+2A6D7..U+2A6DD in the CJK Extension B block for Unicode 13.0.

B. CJK Urgently Needed Characters (CJK Unified Ideographs)
Thirteen characters used in scientific and technological contexts were proposed by China and TCA. The 13 characters are proposed in N5072 (=L2/19-238). T-source references for two of the characters in this set are supplied in N5107 (=L2/19-244). The set of thirteen were reviewed by IRG and were forwarded to WG2, which recommended they be encoded at the end of the URO, in positions U+9FF0..U+9FFC (and SC2 accepted).

Recommendation: Accept the thirteen CJK Unified Ideograph characters at U+9FF0..U+9FFC for Unicode 13.0.

C. Counting Rod Numerals
Feedback from the Chinese Characters Repertoire group in N5071 (=L2/19-225) was received on the five Southern Song characters at U+1D379..U+1D37D, which recommended the five characters (properly "Suzhou numerals" according to N5071) be removed until more comprehensive and systematic research can be conducted. Based on this input, WG2 agreed to (and SC2 accepted) the removal of the five characters from U+1D379..U+1D37D.

Recommendation: Note the change in status for the following five Southern Song characters for Unicode 13.0:
1D379 SOUTHERN SONG COUNTING ROD UNIT DIGIT FOUR
1D37A SOUTHERN SONG COUNTING ROD UNIT DIGIT FIVE
1D37B SOUTHERN SONG COUNTING ROD UNIT DIGIT NINE
1D37C SOUTHERN SONG COUNTING ROD TENS DIGIT FIVE
1D37D SOUTHERN SONG COUNTING ROD TENS DIGIT NINE

D. Tangut (Tangut Supplement and Tangut Components)

Andrew West, Viacheslav Zaytsev, and Tangut experts in China confirmed semantic differences exist between a number of Tangut characters, which also have been shown to have very slight glyph differences. Based on N5064 (=L2/19-207), WG2 agreed to (and SC2 accepted) the disunifications, resulting in adding nine Tangut ideographs and 6 Tangut components. Because only eight spots are available in the Tangut block and the new characters are best kept together as a group, a new Tangut Supplement block (U+18D00..U+18D7F) was started, and WG2 agreed (and SC2 accepted) adding the nine new Tangut ideographs at U+18D00..U+18D08, and the six components (U+18AFA..U+18AFF) in the Tangut Components block.

Recommendation: Accept the nine Tangut ideograph characters at U+18D00..U+18D08 in a new Tangut Supplement block, whose range is from U+18D00..U+18D7F, and six Tangut component characters from U+18AFA..U+18AFF in the Tangut Components block for Unicode 13.0.

E. Latin Letters with Short Stroke Overlay (Latin Extended-D)

Two casing pairs for Latin letter s with a stroke overlay and Latin letter d with a stroke overlay were proposed by Michael Everson and Chris Lilley for Gaulish in N5044 (=L2/19-179). Because Latin letter d with a stroke overlay also appears in an orthography for the modern Moro language of Sudan, names describing the archetype of the characters were proposed and recommended by WG2 (and accepted by SC2):
A7C7 LATIN CAPITAL LETTER D WITH SHORT STROKE OVERLAY
A7C8 LATIN SMALL LETTER D WITH SHORT STROKE OVERLAY
A7C9 LATIN CAPITAL LETTER S WITH SHORT STROKE OVERLAY
A7CA LATIN SMALL LETTER S WITH SHORT STROKE OVERLAY

Recommendation: Accept the four characters for Unicode 13.0.

F. Tironian Et (Supplemental Punctuation)

Document N5042 (=L2/19-172) by Michael Everson and Andrew West requested an uppercase letter TIRONIAN ET. The proposal offered different options, but the authors preferred the option of having a new character paired with the existing character U+204A TIRONIAN SIGN ET. After discussion that raised points contained in the "Comments on WG2 #68" (N5095), WG2 recommended (and SC2 accepted) U+2E52 TIRONIAN SIGN CAPITAL ET in the Supplemental Punctuation block.

Recommendation: Accept U+2E52 TIRONIAN SIGN CAPITAL ET for Unicode 13.0. The UTC should discuss the determination of appropriate properties for this new character.

G. CJK Extension A

A set of ten additions to CJK Extension A were recommended by WG2 (and accepted by SC2) in the positions U+4DB6..U+4DBF. Of this set, which all were the result of disunifications, TCA proposed four

characters in N5080 (=L2/19-239), one character in N5081 (=L2/19-240), and four characters in N5083 (=L2/19-241). One character proposed by Eiso Chan in N5094 (=L2/19-242) was also recommended (and accepted).

Recommendation: Accept the ten characters from U+4DB6..U+4DBF in CJK Extension A for Unicode 13.0.

H. CJK Extension G
WG2 recommended (and SC2 accepted) the additions and disunifications to Extension G reflected in N5065 (=L2/19-236). The repertoire now includes 4939 characters, and its new block range is U+30000..U+3134F.

Recommendation: Accept 4939 characters from U+30000..U+3134A in a new CJK Extension G block with the range U+30000..U+3134F for Unicode 13.0.

I. Latin Letter Thorn with Diagonal Stroke (Latin Extended-D)
Ballot comments from Ireland reiterated its support for U+A7C0 LATIN CAPITAL LETTER THORN WITH DIAGONAL STROKE and U+A7C1 LATIN SMALL LETTER THORN WITH DIAGONAL STROKE, contained in CD.2 After lengthy discussion, WG2 recommended (and SC2 accepted) removal of these two characters, as well as a glyph change to U+A764 LATIN CAPITAL LETTER THORN WITH STROKE and U+A765 LATIN SMALL LETTER THORN WITH STROKE, so the horizontal stroke will be diagonal, reflecting predominant typographical practice for display of this character in Old English materials.

Recommendation: UTC should discuss.