

Title:	Comments accompanying the US negative vote on PDAM5 to ISO/IEC 10646:2003
Source:	INCITS/L2
Action:	Forward to INCITS

The US National Body is voting No with comments on the following SC2 ballot. Satisfying technical comment T.5 would change the vote into a Yes.

SC2N3940: Information technology -- Universal Multiple-Octet Coded Character Set (UCS) -- AMENDMENT 5: Meitei, Bamum, Tai Viet, Avestan, Egyptian Hieroglyphs, CJK Unified Ideographs Extension C, and other characters

Technical Comments:

T.1 Code tables versus code charts (page 1)

Because, in essence, this amendment has replaced code tables by code charts, and to better align with the Unicode Standard terminology, the ‘code chart’ terminology should be added to 10646. This can be achieved by amending the ‘code table’ entry in the clause 4 (Terms and definitions) by aliasing code table and code chart, and replacing all occurrence of code table by code charts in the standard text. By not being table anymore, we can remove the need of numbering these entities which has been a major and tedious work item in preparing the past amendments.

T.2 New collection numbers (page 4)

In page 4 of the amendment, the collections number for the proposed scripts are incorrect because they re-use number already allocated to scripts added by amendment 4. So the text after ‘29 HANGUL JAMO’ should read:

In the list of collection numbers and names, after

143 CHAM

insert new entries as follows:

144 MEITEI MAYEK	1C80-1CCF
145 BAMUM	A6A0-A6FF
146 HANGUL JAMO EXTENDED-A	A960-A97F
147 TAI VIET	AA80-AADF
148 HANGUL JAMO EXTENDED-B	D7B0-D7FF

These collection numbers are again used in the next page (ref Note 3 about keywords), and therefore they should be updated there as well. See further comment about Bamum (T.6), which, if accepted, would affect the list above.

T.3 CJK Collection Extension C content (page 5)

The fixed collection is determined by the range ‘2A700-2B77A’ which is incorrect because there are unassigned code positions in that range.

T.4 CJK Extension C content (page 5)

When CJK Extension C was part of amendment 4, it was discovered that the proposed CJK ideographs 2B151 had an incorrect U source reference which was removed as a result. Further investigation has determined that the U source should UTC00029 (instead of UTC00022) for that ideograph. In addition, the US would also like to get the character referenced by UTC00022 to be added in CJK Extension C or in a future extension (such as extension D).

The representative glyph is  .

T.5 CJK Extension C content (page 5)

In its latest meeting (#28), IRG requested to remove an additional 67 Unified ideographs WG2N3280. The US is in favor of these removals. However the remaining characters need to be re-arranged so that they are contiguous. In addition, the US is in favor of the 14 glyph updates as indicated in WG2N3281.

T.6 Bamum

Based on user community feedback as expressed by document WG2 Nxxx(N/A at this moment), the US NB is asking for removal of the Bamum script from this amendment, pending further study from the stakeholder community. This is not a rejection of the encoding proposal but a request to give more time to the user community to come up with an agreeable proposal.

T.7 Meitei Mayek

The US NB wants to reiterate its position at avoiding the encoding of additional Danda characters and would not be in favor of encoding Dandas in the Meitei Mayek block.

T.8 Avestan

The US NB is opposed to the encoding of yet another middle dot punctuation at position 10B38 (AVESTAN SEPARATION POINT). The US NB would instead prefer to see the encoding of a generic WORD SEPARATOR WHITE SPACE DOT usable beyond the Avestan context. Its proposed location is 2E37 in the Supplemental Punctuation block.

Editorial Comments:

E.1 CJK Collection renumbering (page 1)

The current full set for CJK Unified Ideographs is now ‘385 CJK UNIFIED IDEOGRAPHS-2008’, not 384.

E.2 ChuNom V sources (page 1)

For consistency with other V sources, the V04 source should be renamed ‘V4’.

E.3 Source references for CJK Extension C (page 2)

Remove the superfluous ‘.’ at end of paragraph.

---End of US comments