

INCITS/L2/10- 324

Date: August 13, 2010

Title: Comments accompanying the U.S. positive vote on ISO/IEC 14651:2007/FPDAM2 (SC2 N4140)

Source: INCITS/L2

Action: Forward to INCITS

The U.S. National Body is voting Yes with comments on the ISO/IEC 14651:2007/FPDAM2.

ISO/IEC 14651:2007/FPDAM2, Information technology -- International string ordering and comparison -- Method for comparing character strings and description of the common template tailorable ordering

Technical Comments

The U.S. requests the following changes to the CTT table currently under ballot for the next edition of 14651 (to be synchronized with the repertoire of Unicode 6.0, and the DUCET table for UCA 6.0):

1. Add a table entry for U+20B9 INDIAN RUPEE SIGN, being given a primary weight following the last of the range of comparable currency signs, right after U+20B8 TENGE SIGN.

Rationale: This late-approved character for Unicode 6.0, if also approved by WG2 for addition to 10646, should also be added to the CTT for 14651, so that the repertoire of 14651 and of UCA 6.0 stay in synch.

2. Change the secondary weight for U+19DA from:

"<BASE><NEWTAILUETHAM>"

to:

"<BASE><NEWTAILUE>"

Rationale: A review of the properties for decimal digits in Unicode 6.0 resulted in a small change in the properties for U+19DA. As a consequence, U+19DA should be treated for collation simply as a minor variant of the main series of New Tai Lue digits, rather than as constituting a single member of a second series of New Tai Lue digits with a distinct secondary digit weight.

This also means that the collating-symbol definition for "<NEWTAILUETHAM>" would be unused and should also be removed from the CTT.

3. Correct a minor error in the weighting for U+1F393 GRADUATION CAP,
from:

<U1F393> IGNORE;IGNORE;IGNORE;IGNORE % GRADUATION CAP

to:

<U1F393> IGNORE;IGNORE;IGNORE;<U1F393> % GRADUATION CAP

Rationale: The fourth level symbol "<U1F393>" was inadvertently omitted during the generation of the version of the CTT under ballot.

Note: To assist the editor of 14651, the U.S. will provide an updated version of the CTT that incorporates our requested changes.