

Title:	Comments accompanying the US positive vote on FPDAM3 to ISO/IEC 10646:2003
Source:	INCITS/L2
Action:	Forward to INCITS

The US National body is voting Yes with comments on the following SC2 ballot:

SC2N3909: Information technology -- Universal Multiple-Octet Coded Character Set (UCS) -- AMENDMENT 3: Lepcha, Ol Chiki, Saurashtra, Vai, and other characters

Technical Comments:

T.1 Name correction for U+0773-077D (Arabic)

The US is asking for the replacement of 'EASTERN' by 'EXTENDED' in the names of these characters to be consistent with current naming practice in the Arabic blocks. This would result in the following names:

U+0773 ARABIC LETTER ALEF WITH EXTENDED ARABIC-INDIC DIGIT TWO ABOVE
 U+0774 ARABIC LETTER ALEF WITH EXTENDED ARABIC-INDIC DIGIT THREE ABOVE
 U+0775 ARABIC LETTER FARSI YEH WITH EXTENDED ARABIC-INDIC DIGIT TWO ABOVE
 U+0776 ARABIC LETTER FARSI YEH WITH EXTENDED ARABIC-INDIC DIGIT THREE ABOVE
 U+0777 ARABIC LETTER FARSI YEH WITH EXTENDED ARABIC-INDIC DIGIT FOUR BELOW
 U+0778 ARABIC LETTER WAW WITH EXTENDED ARABIC-INDIC DIGIT TWO ABOVE
 U+0779 ARABIC LETTER WAW WITH EXTENDED ARABIC-INDIC DIGIT THREE ABOVE
 U+077A ARABIC LETTER YEH BARREE WITH EXTENDED ARABIC-INDIC DIGIT TWO ABOVE
 U+077B ARABIC LETTER YEH BARREE WITH EXTENDED ARABIC-INDIC DIGIT THREE ABOVE
 U+077C ARABIC LETTER HAH WITH EXTENDED ARABIC-INDIC DIGIT FOUR BELOW
 U+077D ARABIC LETTER SEEN WITH EXTENDED ARABIC-INDIC DIGIT FOUR ABOVE

T.2 Addition of Devanagari Candra A (Devanagari)

The US is asking for the addition of a new character DEVANAGARI LETTER CANDRA A represented as ॐ at the suggested location of U+0972.

There is little question that an encoded representation for CANDRA A ॐ is needed in the context of Marathi documents. The question is what that encoded representation should be: a new atomic character or a sequence of existing characters such as <U+0905, U+0945>.

The practice for encoding of independent vowels that are formed from a basic vowel letter (such as the LETTER A) plus some diacritic sign has been to encode these as separate, atomic characters.

Once the decision is made to use an atomic representation for consistency, there is great urgency to encode that character as soon as possible to avoid the creation of data with incorrect encoding. Because the Devanagari block is being revised by amendment 3, this should be possible. A complete addition proposal with the adequate summary form will be made available shortly.

End of US comments