

Date: August 13, 2010

Title: Proposed additions to ISO/IEC 10646

Source: US National Body (INCITS/L2)

Action: Forward to INCITS

For consideration by SC 2/WG2 at the Busan meeting, October 4-8, 2010

This document describes additions to ISO/IEC 10646 that the U.S. National body would like to see integrated in the standard. The items in this category are considered mature enough for inclusion in the standard.

1. Vedic Extensions

The U.S. requests the addition of four characters in the Vedic Extensions block:

U+1CF3 VEDIC SIGN ROTATED ARDHAVISARGA, as documented in N3861 (L2/10-234)

U+1CF4 VEDIC TONE CANDRA ABOVE, as documented in N3844 (L2/09-344)

U+1CF5 VEDIC SIGN JIHVAMULIYA, as documented in N3881 (L2/10-257)

U+1CF6 VEDIC SIGN UPADHMANIYA, as documented in N3881 (L2/10-257)

2. Latin Extended-D

The U.S. asks that the following characters be added to the Latin Extended-D block:

U+A7AA LATIN CAPITAL LETTER H WITH HOOK as documented in N3840 (L2/10-166)

U+A7F8 MODIFIER LETTER CAPITAL H WITH STROKE as documented in N3846 (L2/10-161)

U+A7F9 MODIFIER LETTER SMALL LIGATURE OE, as documented in N3846 (L2/10-161)

3. Tifinagh

The U.S. asks that the following 2 characters be added to the Tifinagh block, with glyphs and properties as documented in N3870 (L2/10-270):

U+2D66 TIFINAGH LETTER YE

U+2D67 TIFINAGH LETTER YO

4. Old North Arabian

The U.S. requests the addition of 32 characters for the Old North Arabian script, to be located in a new "Old North Arabian" block that extends from U+10A80–U+10A9F, with glyphs and properties as documented in N3773R (L2/10-074).

5. Linear A

The U.S. requests the addition of 390 characters for the Linear A script, to be located in a new "Linear A" block that extends from U+10600–U+1079F, with glyphs and properties for 389 characters as documented in N3774 (L2/10-171) and 1 additional character, U+1078A LINEAR A SIGN AB048, as documented in N3872 (L2/10-273).

6. Coptic

The U.S. requests the addition of 2 Coptic characters as described in N3873 (L2/10-290):

U+2CF2 COPTIC CAPITAL LETTER BOHAIRIC KHEI
U+2CF3 COPTIC SMALL LETTER BOHAIRIC KHEI

7. Coptic Numbers

The U.S. requests the addition of 29 characters be added in a new block, “Coptic Numbers,” that extends from U+102E0–U+102FF, with glyphs and properties as documented in N3843 (L2/10-206).

8. Enclosed Alphanumeric Supplement

The U.S. requests the addition of 2 characters be added to the “Enclosed Alphanumeric Supplement”, with glyphs and properties as documented in N3860 (L2/10-079):

U+1F16A RAISED MC SIGN

U+1F16B RAISED MD SIGN

9. CJK Unified Ideographs

The U.S. requests the addition of 1 character to be added to the CJK Unified Ideographs block, with the glyph and description as documented in N3885 (L2/10-228):

U+9FCC CJK UNIFIED IDEOGRAPH-9FCC

10. Arabic Extended-A

The U.S. requests the addition of 35 Arabic characters to be added to the Arabic Extended-A block, with names, glyphs, and properties as documented in N3882 (L/10-288R).

11. Palmyrene

The U.S. requests the addition of 32 characters be added in a new block, “Palmyrene,” that extends from U+10860–U+1087F , with glyphs and properties as described in N3867 (L2/10-255).

12. Sindhi

The U.S. requests the addition of 69 characters be added in a new block, “Sindhi,” that extends from U+ 11600–U+1164F, with glyphs and properties as documented in N3871 (L2/10-271).

13. Additions for Duployan

a. The U.S. requests the addition of 143 characters be added in a new block, “Duployan,” that extends from U+1BC00–U+1BC9F,

b. It also requests 4 new characters be added to a new block, “Shorthand Format Controls,” that extends from U+1BCA0–U+1BCAF.

c. It additionally requests 1 character be added to the Supplemental Punctuation block: U+2E3C STENOGRAPHIC FULL STOP.

The code points, names, glyphs and properties for the Duployan characters are documented in N3895 (L2/10-272R).