

ISO/IEC JTC1/SC2/WG2
Coded Character Set
Secretariat: Japan (JISC)

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This document describes additions and errata to ISO/IEC 10646:2003 that the US National body would like to see integrated in the standard. The items in this category are considered mature enough that the US National body would not object to see them added in the currently balloted draft of Amendment 4, but these additions could also be proposed in a future amendment if deemed more appropriate.

1. Addition of Additional Orthographic and Modifier Characters

The US is in favor of adding the following 4 characters as proposed by document WG2 N3216 (L2/06-259R) at the following positions:


A789 MODIFIER LETTER COLON
A78A MODIFIER LETTER SHORT EQUALS SIGN
A78B LATIN CAPITAL LETTER SALTILLO
A78C LATIN SMALL LETTER SALTILLO

2. Addition of one Bopomofo character

The US is in favor of adding the following Bopomofo character as proposed by document WG2 N3179 (L2/06-338).

312D BOPOMOFO LETTER IH

3. Addition of one Letterlike Symbol

The US is in favor of adding the following letterlike symbol:  SYMBOL FOR SAMARITAN SOURCE as proposed by document WG2 N3217 (L2/06-245) as following (glyph also shown in WG2 N3211):

214F SYMBOL FOR SAMARITAN SOURCE

4. Addition of Arabic characters

The US is in favor of adding the following 8 Arabic characters for Persian and Azerbaijani as proposed by document WG2 N3180R (L2/06-345R):

0616 ARABIC SMALL HIGH LIGATURE ALEF WITH LAM WITH YEH
063B ARABIC LETTER KEHEH WITH TWO DOTS ABOVE
063C ARABIC LETTER KEHEH WITH THREE DOTS BELOW
063D ARABIC LETTER FARSI YEH WITH INVERTED V
063E ARABIC LETTER FARSI YEH WITH TWO DOTS ABOVE
063F ARABIC LETTER FARSI YEH WITH THREE DOTS ABOVE
077E ARABIC LETTER SEEN WITH INVERTED V
077F ARABIC LETTER KAF WITH TWO DOTS ABOVE

The US is in favor of adding the following 4 Qur’anic Arabic characters as proposed by document WG2 N3185R (L2/06-358R):

0617 ARABIC SMALL HIGH ZAIN
0618 ARABIC SMALL FATHA
0619 ARABIC SMALL DAMMA
061A ARABIC SMALL KASRA

5. Change of representative glyphs for 2 Latin and 6 Cyrillic characters

The preferred typography for 027F and 028F is to have glyphs with descenders:

ŀ 027F LATIN SMALL LETTER REVERSED R WITH FISHHOOK

ŀ 0285 LATIN SMALL LETTER SQUAT REVERSED ESH

As proposed by document WG2 N 3194 (L2/07-003), the US is in favor of changing the representative glyphs for:

Ω 0460 CYRILLIC CAPITAL LETTER OMEGA
Oy 0478 CYRILLIC CAPITAL LETTER UK
oy 0479 CYRILLIC SMALL LETTER UK
Ω̅ 047C CYRILLIC CAPITAL LETTER OMEGA WITH TITLO,
ω̅ 047D CYRILLIC SMALL LETTER OMEGA WITH TITLO
Ω̅̅ 047E CYRILLIC CAPITAL LETTER OT

(currently represented as Ω, Oy, oy, Ω̅, ω̅, and Ω̅̅ respectively)

The intent of letter omega with titlo is to represent the ‘Cyrillic beautiful omega’ and despite its character name, the letter does not have a titlo.

6. Addition of Ancient Roman characters

The US is in favor of adding the following 11 characters as proposed by document WG2 N3218 (L2/06-269):

Number Forms block:

2185 ROMAN NUMERAL SIX LATE FORM
2186 ROMAN NUMERAL FIFTY EARLY FORM
2187 ROMAN NUMERAL FIFTY THOUSAND
2188 ROMAN NUMERAL ONE HUNDRED THOUSAND

Supplemental Punctuation block

2E19 PALM BRANCH

Latin Extended-D block:

A7FB LATIN EPIGRAPHIC LETTER REVERSED F
A7FC LATIN EPIGRAPHIC LETTER REVERSED P
A7FD LATIN EPIGRAPHIC LETTER INVERTED M
A7FE LATIN EPIGRAPHIC LETTER I LONGA
A7FF LATIN EPIGRAPHIC LETTER ARCHAIC M

Ancient Symbols block: (new to PDAM4)

1019B ROMAN CENTURIAL SIGN

7. Addition of Cyrillic letters

The US is in favor of adding 106 Cyrillic Letters and symbols, proposed by document WG2 3194 (L2/07-003) and amended as follows:

Cyrillic block:

0487 COMBINING CYRILLIC POKRYTIE

Cyrillic Supplement block:

0514 CYRILLIC CAPITAL LETTER LHA
0515 CYRILLIC SMALL LETTER LHA
0516 CYRILLIC CAPITAL LETTER RHA
0517 CYRILLIC SMALL LETTER RHA
0518 CYRILLIC CAPITAL LETTER YAE
0519 CYRILLIC SMALL LETTER YAE
051A CYRILLIC CAPITAL LETTER QA
051B CYRILLIC SMALL LETTER QA
051C CYRILLIC CAPITAL LETTER WE
051D CYRILLIC SMALL LETTER WE
051E CYRILLIC CAPITAL LETTER ALEUT KA
051F CYRILLIC SMALL LETTER ALEUT KA
0520 CYRILLIC CAPITAL LETTER EL WITH MIDDLE HOOK
0521 CYRILLIC SMALL LETTER EL WITH MIDDLE HOOK
0522 CYRILLIC CAPITAL LETTER EN WITH MIDDLE HOOK
0523 CYRILLIC SMALL LETTER EN WITH MIDDLE HOOK

Cyrillic Extended-A Block

2DF6 COMBINING CYRILLIC LETTER A
2DF7 COMBINING CYRILLIC LETTER IE
2DF8 COMBINING CYRILLIC LETTER DJERV
2DF9 COMBINING CYRILLIC LETTER MONOGRAPH UK
2DFA COMBINING CYRILLIC LETTER YAT
2DFB COMBINING CYRILLIC LETTER YU
2DFC COMBINING CYRILLIC LETTER IOTIFIED A
2DFD COMBINING CYRILLIC LETTER LITTLE YUS
2DFE COMBINING CYRILLIC LETTER BIG YUS
2DFE COMBINING CYRILLIC LETTER BIG YUS
2DFE COMBINING CYRILLIC LETTER IOTIFIED BIG YUS

Supplementary Punctuation block

2E3B VERTICAL TILDE

Cyrillic Extended-B block (A640-A67F new) :

A640 CYRILLIC CAPITAL LETTER ZEMLYA
A641 CYRILLIC SMALL LETTER ZEMLYA
A642 CYRILLIC CAPITAL LETTER DZELO
A643 CYRILLIC SMALL LETTER DZELO
A644 CYRILLIC CAPITAL LETTER REVERSED DZE
A645 CYRILLIC SMALL LETTER REVERSED DZE
A646 CYRILLIC CAPITAL LETTER IOTA
A647 CYRILLIC SMALL LETTER IOTA
A648 CYRILLIC CAPITAL LETTER DJERV
A649 CYRILLIC SMALL LETTER DJERV
A64A CYRILLIC CAPITAL LETTER MONOGRAPH UK
A64B CYRILLIC SMALL LETTER MONOGRAPH UK
A64C CYRILLIC CAPITAL LETTER BROAD OMEGA
A64D CYRILLIC SMALL LETTER BROAD OMEGA
A64E CYRILLIC CAPITAL LETTER NEUTRAL YER
A64F CYRILLIC SMALL LETTER NEUTRAL YER
A650 CYRILLIC CAPITAL LETTER YERU WITH BACK YER

A651 CYRILLIC SMALL LETTER YERU WITH BACK YER
 A652 CYRILLIC CAPITAL LETTER IOTIFIED YAT
 A653 CYRILLIC SMALL LETTER IOTIFIED YAT
 A654 CYRILLIC CAPITAL LETTER REVERSED YU
 A655 CYRILLIC SMALL LETTER REVERSED YU
 A656 CYRILLIC CAPITAL LETTER IOTIFIED A
 A657 CYRILLIC SMALL LETTER IOTIFIED A
 A658 CYRILLIC CAPITAL LETTER CLOSED LITTLE YUS
 A659 CYRILLIC SMALL LETTER CLOSED LITTLE YUS
 A65A CYRILLIC CAPITAL LETTER BLENDED YUS
 A65B CYRILLIC SMALL LETTER BLENDED YUS
 A65C CYRILLIC CAPITAL LETTER IOTIFIED CLOSED LITTLE YUS
 A65D CYRILLIC SMALL LETTER IOTIFIED CLOSED LITTLE YUS
 A65E CYRILLIC CAPITAL LETTER YN
 A65F CYRILLIC SMALL LETTER YN
 A662 CYRILLIC CAPITAL LETTER SOFT DE
 A663 CYRILLIC SMALL LETTER SOFT DE
 A664 CYRILLIC CAPITAL LETTER SOFT EL
 A665 CYRILLIC SMALL LETTER SOFT EL
 A666 CYRILLIC CAPITAL LETTER SOFT EM
 A667 CYRILLIC SMALL LETTER SOFT EM
 A668 CYRILLIC CAPITAL LETTER MONOCULAR O
 A669 CYRILLIC SMALL LETTER MONOCULAR O
 A66A CYRILLIC CAPITAL LETTER BINOCULAR O
 A66B CYRILLIC SMALL LETTER BINOCULAR O
 A66C CYRILLIC CAPITAL LETTER DOUBLE MONOCULAR O
 A66D CYRILLIC SMALL LETTER DOUBLE MONOCULAR O
 A66E CYRILLIC LETTER MULTIOCLULAR O
 A66F COMBINING CYRILLIC VZMET
 A670 COMBINING CYRILLIC TEN MILLIONS SIGN
 A671 COMBINING CYRILLIC HUNDRED MILLIONS SIGN
 A672 COMBINING CYRILLIC THOUSAND MILLIONS SIGN
 A673 SLAVONIC ASTERISK
 A67C COMBINING CYRILLIC KAVYKA
 A67D COMBINING CYRILLIC PAYEROK
 A67E CYRILLIC KAVYKA
 A67F CYRILLIC PAYEROK

Cyrillic Extended-C block (A8E0-A8FF new)

A8E0 CYRILLIC CAPITAL LETTER DWE
 A8E1 CYRILLIC SMALL LETTER DWE
 A8E2 CYRILLIC CAPITAL LETTER DZWE
 A8E3 CYRILLIC SMALL LETTER DZWE
 A8E4 CYRILLIC CAPITAL LETTER ZHWE
 A8E5 CYRILLIC SMALL LETTER ZHWE
 A8E6 CYRILLIC CAPITAL LETTER CCHE
 A8E7 CYRILLIC SMALL LETTER CCHE
 A8E8 CYRILLIC CAPITAL LETTER DZZE
 A8E9 CYRILLIC SMALL LETTER DZZE
 A8EA CYRILLIC CAPITAL LETTER TE WITH MIDDLE HOOK
 A8EB CYRILLIC SMALL LETTER TE WITH MIDDLE HOOK
 A8EC CYRILLIC CAPITAL LETTER TWE
 A8ED CYRILLIC SMALL LETTER TWE
 A8EE CYRILLIC CAPITAL LETTER TSWE
 A8EF CYRILLIC SMALL LETTER TSWE
 A8F0 CYRILLIC CAPITAL LETTER TSSE
 A8F1 CYRILLIC SMALL LETTER TSSE
 A8F2 CYRILLIC CAPITAL LETTER TCHE
 A8F3 CYRILLIC SMALL LETTER TCHE
 A8F4 CYRILLIC CAPITAL LETTER HWE
 A8F5 CYRILLIC SMALL LETTER HWE
 A8F6 CYRILLIC CAPITAL LETTER SHWE

A8F7 CYRILLIC SMALL LETTER SHWE

The changes from WG2 N3194 are the move of the newly proposed Cyrillic Extended-B block from A6C0-A6FF to A640-A67F, the removal of the characters A6E0-A6E1 (now holes in A660-A661), and the move of the SLAVONIC ASTERISK from 2E3A to A673).

The repertoire addition is quite large but it affects a repertoire (Cyrillic) being balloted in PDAM4, as such it is reasonable to add them in the next phase of that amendment.
