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| Title: | Comments accompanying the US positive vote on the FPDAM2 to ISO/IEC 10646:2003 |
| Source: | INCITS/L2 |
| Action: | Forward to INCITS |

The US National body is voting Yes on the FPDAM2 to ISO/IEC 10646:2003.







Technical Comments:

T.1 Format characters

The previous amendment added the following character: 1D159 MUSICAL SYMBOL NULL NOTEHEAD as a format character. It should be removed from that list because it is a base character and not a format character.

T.2 Gurmukhi named sequences

The following six sequences were requested for encoding by Dr. Om Vikas (Government of India). The US is in favor of adding the following named sequences to cover in principle that need.

| Glyph | USI | USI Name | Input glyphs |
|---|--------------|------------------|--------------|
|  | <0A2F, 0A4D> | GURMUKHI HALF YA | ਯ੍ |
|  | <0A4D, 0A1A> | GURMUKHI PARI CA | ਚ੍ |
|  | <0A4D, 0A24> | GURMUKHI PARI TA | ਤ੍ |
|  | <0A4D, 0A28> | GURMUKHI PARI NA | ਨ੍ |
|  | <0A4D, 0A2F> | GURMUKHI PARI YA | ਯ੍ |
|  | <0A4D, 0A35> | GURMUKHI PARI VA | ਵ੍ |

T.3 Tamil named sequences

The US is in favor of adding the following Tamil named sequence because the inclusions of characters corresponding to these two sequences have been frequently requested.

| Glyph | USI | USI Name | Input glyphs |
|-------|--------------------------|--------------------|--------------|
| N/A | <0B95, 0BCD, 0BB7> | TAMIL LETTER KSSA | கஸ |
| N/A | <0BB6, 0BCD, 0BB0, 0BC0> | TAMIL LETTER SHRII | ஶ்ரீ |

T.4 Latin, Greek and Cyrillic character additions

The US is asking for the addition of the following characters:

U+2C65 LATIN SMALL LETTER A WITH STROKE
 U+2C66 LATIN SMALL LETTER T WITH DIAGONAL STROKE
 U+037B GREEK SMALL REVERSED LUNATE SIGMA SYMBOL
 U+037C GREEK SMALL DOTTED LUNATE SIGMA SYMBOL
 U+037D GREEK SMALL REVERSED DOTTED LUNATE SIGMA SYMBOL
 U+04CF CYRILLIC SMALL LETTER PALOCHKA

The rationale provided in document WG2 N2942. The urgency of the encoding need is based on stability and security concerns concerning case folding.

T.5 Cuneiform

Since the release of N2786 in June 2004 the following substantive changes have been identified as necessary, partly as a result of a published review of N2664R by R. Borger in *Ugarit Forschungen* 35 (2003): 96-98. (Borger does not cite N2664R by name, but the code points referenced in his discussion correspond to that iteration of the Cuneiform proposal; several of Borger's corrections had already been made independently in subsequent revisions leading up to N2786 but Borger's article actually appeared after N2786 was published).

This list does not include any additions; they are reserved for the previously planned supplements to the Cuneiform encoding.

| U+ | CUNEIFORM SIGN | Action | Rationale |
|-------|------------------------------|---------------------------------------|---------------------------------------|
| 1201F | AK TIMES SAL PLUS GISH | Remove | Sign does not exist. |
| 12089 | DUN3 GUNU GUNU SHESHIG | Rename to DUN4 | Glyph-description not always accurate |
| 12109 | GIG | Remove | Sign is sequence MI NUNUZ |
| 12129 | GURUN | Reglyph | Align with GURUN1 sign form of MZL |
| 1217A | KA TIMES ME PLUS ME | Remove | Existence of sign uncertain |
| 121E0 | LAGAB TIMES SHITA PLUS ERIN2 | Rename/reglyph | LAGAB TIMES SHITA2 PLUS ERIN2 |
| 121E1 | LAGAB TIMES SHITA TENU | Rename/reglyph | LAGAB TIMES SHITA2 TENU |
| 122E5 | SU OVER SU A | Reglyph/rename to SU OVER SU | SU OVER SU exists independently |
| 122F8 | TAG TIMES KU | Remove | Doublet of TAG TIMES TUG2 |
| 12363 | ZAX | Remove | Sign is sequence U SHA |
| 12364 | ZADIM | Rename to MUG GUNU; place after MUG | Paradigmatic normalization |
| 12456 | TWO BARIG | Rename to NIGIDAMIN; retain placement | Align with Borger MZL |
| 12457 | THREE BARIG | Rename to NIGIDAESH; retain placement | Align with Borger MZL |

The US would prefer the holes created by the characters deletion to be removed; i.e. the remaining Cuneiform characters should be rearranged to fill the holes.

T.6 Symbol character

The US is in favor of adding the following symbol character based on document WG2 N2943

| | | |
|---|------|---------------|
|  | 2B24 | DOTTED SQUARE |
|---|------|---------------|

T.7 Byzantine musical symbols

The two glyphs for the following characters need to be swapped to reflect their name.

1D09F BYZANTINE MUSICAL SYMBOL AGOGI GORGI

1D09C BYZANTINE MUSICAL SYMBOL AGOGI ARG1

T.8 Encoding of Chillu forms in Malayalam

Following rationale provided by document WG2 Nxxxx (TBD), the US is asking for the inclusion of the following 6 characters in the Malayalam block.

0D7A MALAYALAM LETTER NN

0D7B MALAYALAM LETTER N

0D7C MALAYALAM LETTER RR

0D7D MALAYALAM LETTER L

0D7E MALAYALAM LETTER LL

0D7F MALAYALAM LETTER KA

T.9 Name uniqueness (sub-clause 28.1.3)

The sub-clause should be split in two sub-clauses, the first indicating name uniqueness, the second indicating the single name constraint.

T.10 Annex L Guideline 8

For clarification, the last sentence from Guideline 4 should be added to this guideline as well.

The words WITH and AND may be included for additional clarity when needed.

T.11 NKo

The US wants to reaffirm its support for the NKo as currently documented in FPDAM2 and would not welcome significant modification without consensus of all of interested parties .

Editorial Comments:

E.1 page 2, sub-clause 28.1.3.3

Replace last occurrence of ‘UCS sequence identifiers’ with ‘named UCS sequence identifiers’.

E.2 page 3, sub-clause 28.1.3.4

In 6th paragraph replace ‘*non*’ by ‘non’.

E.3 page 4, clause 33, Modification to existing tables

In last paragraph replace ‘contained’ with ‘contain’.
