

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

**Doc. Type:** Disposition of comments

**Title:** Disposition of comments on DAM2 to ISO/IEC 10646 6<sup>th</sup> edition

**Source:** Michel Suignard (project editor)

**Project:** JTC1 02.10646.00.02.00.06

**Status:** For SC2 consideration

**Date:** 2024-12-26

**Distribution:** WG2

**Reference:** SC2 N4950, N4930

**Medium:** Paper, PDF file

Comments were received from the following members: Canada, Czech Republic, Japan, UK, and USA, the Unicode Consortium (liaison) and the ISO/CS editing unit.

Considering the ballot comments, this results in the significant following changes:

**Glyph changes** for the following code points:



- U+0620 ARABIC LETTER KASHMIRI YEHE (existing prior to this amendment)
- U+11397 TULU-TIGALARI CA (new)
- U+113D1 TULU-TIGALARI REPHA (new)

Given this ballot disposition, the project editor is recommending to SC2 the initiation of a FDAM ballot process for Amendment 2.

Details of the ballot comments and their disposition are provided on the following page.

# Template for comments and secretariat observations

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MB/ NC <sup>1</sup>	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment <sup>2</sup>	Comments	Proposed change	Observations of the secretariat
Unico de-001	Code charts			te	In the explanatory report provided for the DAM2 ballot, disposition of comments to CDAM2.4 (= WG2/N5274) are provided. There was a US comment requesting a formal name alias of type "correction" for U+1680B, and the disposition was "Accepted"  Based on that, we would expect to see in the code charts a code chart for the Bamum Supplement block (16800..16A3F) in which the names list shows the addition of that name alias. That does not appear.	Add a code chart and names list for the Bamum Supplement block with the added formal name alias for 1680B, "BAMUM LETTER PHASE-A MAEMGBIEE"	Accepted, and added the block to the Amendment 2 code charts.
CA1-002	24.2			ed	Casing issue across this entry "kIRG_Gsource" versus "kIRG_GSource"	Apply correct variation consistently across this item	Accepted
**003				Ge	The document has been reviewed by an ISO editor.  Please contact Alexander Estrada for questions or comments about editing the document according to the ISO Directives Part 2 estrada@iso.org	Please use the file named "Word with trackchanges", from ISO CS available <a href="#">on ISO Projects</a> as a basis for any further drafting	Noted
US-004			Arabic code chart (p. 55)	te	Research into U+0620 ARABIC LETTER KASHMIRI YEh, described in <a href="#">L2/24-152</a> (with additional details in <a href="#">L2/23-273R</a> ), has shown that the representative glyph for this character should be changed from   to 	Change the glyph.	Accepted, and added the block to the Amendment 2 code charts.
US-005			Cuneiform names list (p. 1448) Mende Kikakui names list (p. 1800) Bamum Supplement	ed	To draw attention to the new formal name aliases in the names list, the USNB recommends the Editor highlight them.  Highlight the formal name aliases for the following characters: 12327 CUNEIFORM SIGN UN GUNU 1E899 MENDE KIKAKUI SYLLABLE M172 MBOO 1E89A MENDE KIKAKUI SYLLABLE M174	Highlight the new formal name aliases in the names list	Accepted (note that the Cuneiform name alias was already present and highlighted in DAM2), and added the Mende Kikakui block to the Amendment 2 code charts.

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by \*\*)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

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			names list (p. 1591)		MBO U+1680B BAMUM LETTER PHASE-A MAEMGBIEE			
US-006			Egyptian Hieroglyphs names list (p. 1478)	te	The glyph represented by the standardized variation sequence 1333B FE00 is now considered to be too similar to 13339 and hence should be removed. (For more details and rationale, see <a href="#">L2/24-177</a> and <a href="#">L2/24-175</a> )	Remove the standardized variation sequence 1333B FE00	Accepted	
US-007			Egyptian Hieroglyphs names list (pp. 1468, 1471, 1474, 1477, 1481)	te	Egyptologists have agreed on the use of Variation Sequences for non-meaningful rotations of signs. However, some characters with non-meaningful rotations have already been encoded. To bring consistency to the model, ten new Egyptian Hieroglyph Variation Sequences are needed to represent the ten characters with rotations. (The already encoded characters with rotations will be identified as “legacy” and will not be recommended for fonts. For details, see <a href="#">L2/24-177</a> .) The following ten variation sequences should be added, and highlighted in the names list to draw attention to them:  13132 FE01; rotated 180 degrees; # EGYPTIAN HIEROGLYPH F046 13139 FE01; rotated 180 degrees; # EGYPTIAN HIEROGLYPH F051 131E0 FE00; rotated 90 degrees [= 270 degrees]; # EGYPTIAN HIEROGLYPH M033 1327B FE00; rotated 90 degrees; # EGYPTIAN HIEROGLYPH O029 13338 FE03; rotated approximately 30 degrees; # EGYPTIAN HIEROGLYPH U006 13338 FE06; rotated approximately 320 degrees [horizontal]; # EGYPTIAN HIEROGLYPH U006 133DB FE02; rotated 270 degrees; # EGYPTIAN HIEROGLYPH Y001 133E5 FE00; rotated 90 degrees [= 270 degrees]; # EGYPTIAN HIEROGLYPH Z002 133E7 FE00; rotated 90 degrees [= 270 degrees]; # EGYPTIAN HIEROGLYPH Z002B 133E8 FE01; rotated 180 degrees; # EGYPTIAN		Add the ten new sequences and highlight them in the names list.	Accepted

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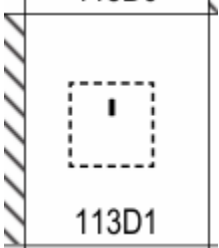

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					HIEROGLYPH Z002C		
Unico de-008	Code charts		Page 94, chart for Tulu-Tigalari	te	In the chart for Tulu-Tigalari (11380..113FF), the representative glyph for 113D1 TULU-TIGALARI REPHA has both a dotted circle and an enclosing dotted box. The dotted circle convention is used for combining marks. However, this character technically is not a combining mark: it has a general category of Letter Other. The dotted box convention has been used for reph characters that have special encoding and behavior, preceding a consonant letter but appearing above the consonant letter. See, for comparison, the representative glyphs for similar characters: 0D4E, 11941, 11D46, 11F02	Change the representative glyph for 113D1 removing the dotted circle element — this will match how the glyph is currently shown in Unicode 16.0 code charts: 	Accepted
US-009			Tulu-Tigalari chart (p. 1385)	te	The representative glyph for U+11397 TULU-TIGALARI LETTER CA should be the shape shown in the proposal on page 15 (=page 19 of PDF <a href="#">L2/22-031</a> ). The code chart currently shows an alternate form as described on <a href="#">L2/24-149</a> . Change the glyph to the one shown in the proposal: 	Change the glyph.	Accepted
CZ1-010	pp. 1	2.		ed	Unikemet reference links to draft version	link to final version	Accepted
CZ2-011	pp. 1	24.2.		te	unbalanced parenthesis in both kRSUnicode field format and in the Radical-Stroke index note	add 1 closing parenthesis before star for kRSUnicode, 2 parantheses before star for Radical-Stroke index	Accepted
**_012		27.		Ed	The information is provided in the Unicode Egyptian Hieroglyph Database (Unikemet)	Since this was added to Clause 2, please make sure this sentence denotes a normative requirement of some sort, using "shall" or "in accordance with".	Accepted, used 'in accordance with'
JP-013		35.5	Code charts and lists of	ed	The source reference "JMJ-060341" on U+2EA41 is not correct.	Change "JMJ-060341" to "JMJ-068100".	Accepted, and highlighted

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		24.2	character names, Source references file for CJK Ideographs (CJKSrc.txt)				
JP- 014		35.5  24.2	Code charts and lists of character names, Source references file for CJK Ideographs (CJKSrc.txt)	ed	The source reference “JMJ-059505” on U+2D4F1 is not correct.	Change “JMJ-059505” to “JMJ-068098”.	Accepted, and highlighted
JP- 015		35.5  24.2	Code charts and lists of character names, Source references file for CJK Ideographs (CJKSrc.txt)	ed	The source reference “JMJ-059372” on U+2D0B2 is not correct.	Change “JMJ-059372” to “JMJ-068097”.	Accepted, and highlighted
GB- 016		35.5	Tangut	te	The radical/stroke count for U+17D0B should be 198.7 not 198.6 because a stroke has been added to the glyph.	Modify the radical/stroke value for U+17D0B in the code chart to 198.7 Modify TangutSrc.txt entry for U+17D0B to: U+17D0B            kRSTUnicode    198.7	Accepted
** -017		Foreword		Ed	17.6.2 <i>Standardized variation sequences</i>	Unless you are updating the title of the subclause, it is not necessary. Just the number of the subclause is sufficient.	Accepted
** -018		Foreword		Ed	Foreword	See Page iii of the <a href="#">Model Amendment to an international standard</a> .	Accepted

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						Information regarding the edition and changes is not included here. It is included in the International Standard.	
CZ3-019	pp. 91-2	Garay	10D60-65 10D70-85	ed	letter glyphs too large, cf. Fig. 2, 10 in L2/22-048	reduce the size of 10D60-65 and 10D70-85 glyphs to match the digits	Accepted in principle, to be consistent the range 10D50-10D65 is reduced in size not just 10D60-10D65
CZ5-020	pp. 96	Myanmar Extended-C	116D0-D9	ed	pa'o digits too large, cf. Fig. 11, 16 in L2/22-046	reduce the size of 106D0-D9 to match the pwo digits (or Latin capitals)	Accepted in principle, these digits are actually encoded at 116D0-116D9
CZ4-021	pp. 94	Tulu-Tigalari	113D0	ed	conjoiner glyph inconsistent with other conjoiners in the standard	move the plus sign below the dotted circle	Accepted

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