Universal Multiple-Octet Coded Character Set
International Organization for Standardization
Organisation Internationale de Normalisation
Международная организация по стандартизации

Doc Type: **Working Group Document**
Title: **Proposal to encode modern Bamum in the BMP of the UCS**
Source: **Bamum Scripts and Archives Project in the Palace of Bamum Kings,**
& the UC Berkeley Script Encoding Initiative (Universal Scripts Project)
Authors: **Michael Everson, Charles Riley, Konrad Tuchscherer**
Status: **Liaison Contribution**
Action: **For consideration by JTC1/SC2/WG2 and UTC**
Replaces: **N3209R2**
Date: **2008-10-12**

Document N3209R2 (L2/07-024R) "Preliminary proposal for encoding the Bamum script in the BMP of the UCS" by Michael Everson and Charles Riley presented a proposal to encode the modern Bamum script of Cameroon. Both WG2 and the UTC approved the repertoire for ballotting in PDAM 5. Although none of the JTC1/SC2 National Bodies objected to the content of the script, the Bamum Scripts and Archives Project in the Palace of Bamum Kings, Foumban, Cameroun, requested additional time to study the repertoire and character names. That review has been completed, and we now request that modern Bamum be returned to the ballotting process.

The preliminary descriptive text and accompanying illustrations from N3209R2 are currently being reviewed and when that review is complete the text will be merged into a revised version of the present document, as N3522R. The material in the present document, however, is technically correct and we consider the character repertoire and names to be mature for encoding, and we request that WG2 and the UTC consider it in that light.

1. Structure. The Bamum script is a left-to-right script containing 80 base characters, two combining diacritics, and six punctuation marks. One of the diacritics, the KOQNDON (from *koʔndon*), is regularly applied to all of the 80 base characters to extend the syllabic repertoire. The other, the TUKWENTIS, is known to be used with only 13 base characters. There is a certain amount of glyph variation in Bamum; the representative glyphs in the code chart are typical of modern usage.

2. Character names. The transcription used in the character names follows the IPA forms given in Dugast and Jeffreys 1950. The following conventions are used:

Dugast	a	b	d	ɛ	e	ə	f	ɣ	g	i	k	l	m	n	ŋ	ɔ
English	*a*	*b*	*d*	*e*	*ee*	*ae*	*f*	*gh*	*g*	*i*	*k*	*l*	*m*	*n*	*ng*	*o*
French	*a*	*b*	*d*	*è*	*é*	*e*	*f*	*gh*	*g*	*i*	*k*	*l*	*m*	*n*	*ng*	*o*

Dugast	p	r	s	ʃ	t	u	ü	ɰ	v	w	x	y	z	ʒ	ʔ
English	*p*	*r*	*s*	*sh*	*t*	*u*	*ue*	*eu*	*v*	*w*	*x*	*y*	*z*	*j*	*q*
French	*p*	*r*	*s*	*sh*	*t*	*u*	*ü*	*ù*	*v*	*w*	*x*	*y*	*z*	*j*	*'*

Although the modern script is a syllabary, the term LETTER has been used in the character names rather than SYLLABLE, because this term (and its French equivalent LETTRE) is current in Cameroun.

3. Digits. The last ten base characters in the syllabary are digits, which are also used as letters. Historically, the last of these was used for 10, but when decimal mathematics were introduced its use was modified to 0.

4. Punctuation. Five sentence punctuation marks are used, which correspond to, and were probably inspired by, European punctuation. The FULL STOP *ǀ·* or *jak* indicates a "point" and corresponds to <.>; the COLON *ǀ·ǀ·* or *beshtik jak* indicates "two points" and corresponds to <:>; the COMMA *τ* or *kipti* corresponds to <,>; the SEMICOLON *τι·* or *kipti jak* indicates a "point comma" and corresponds to <;>; and the QUESTION MARK *↓* or *wili* indicates a point and corresponds to <?>.

5. Ordering. Code-chart order is the correct sorting order. Characters with diacritics are differentiated at the second level:

a << *aʔ* < *ka* << *kaʔ* < *u* << *wuʔ* < *ku* << *kuʔ* < *e* << *eʔ* <
re << *rɛn* < *tə* << *tɔʔ* < *ɔ* << *ɔʔ* << *ə* < *nyi* << *nye* <
i << *iʔ* < *la* << *laʔ* < *pa* << *paʔ* < *rii* << *riʔ* < *rie* << *z* <
lee << *leʔ* < *mee* << *meʔ* < *taa* << *taʔ* < *ndaa* << *ndaʔ* << *nd* <
nʒəm << *yəm* < *m* << *n* < *suu* << *suʔ* < *mu* << *muʔ* <
ʃii << *ʃiʔ* << *ʃ* < *si* << *siʔ* << *s* < *ʃux* << *yux* < *sux* << *suʔ* <
kye << *kyeʔ* < *kɛt* << *keʔ* < *nuə* << *ŋuə* < *nu* << *nuʔ* <
nʒuə << *yuən* << *y* < *yɔ* << *yɔʔ* < *ʃu* << *ʃuʔ* < *yu* << *yun* <
ya << *yaʔ* < *nʃa* << *ʃaʔ* < *kux* << *ɣuu* < *pux* << *puʔ* <
nʒe << *nʒeʔ* < *nte* << *teʔ* < *pü* << *püʔ* < *wü* << *üʔ* < *pe* << *peʔ* <
fe << *feʔ* < *ru* << *ruʔ* < *lu* << *luʔ* < *mi* << *miʔ* < *ni* << *nɛn* <
rux << *ruʔ* < *rə* << *rɔ* < *kɛn* << *kɛn* < *ŋkwən* << *ŋuət* <
ŋga << *ŋgaʔ* << *ŋg* < *ŋa* << *ŋaʔ* < *ʃɔ* << *ʃɔʔ* << *ʃ* < *puə* << *puʔ* <
fu << *fuʔ* << *f* < *fɔm* << *mvɔp* < *wa* << *waʔ* < *na* << *naʔ* << *n* <
li << *liʔ* << *l* < *pi* << *pin* < *lɔʔ* << *lɔʔ* < *kɔ* << *kɔʔ* << *k* <
mbɛn << *pɛn* < *rɛn* << *rɛn* < *mɛn* << *mɛn* < *ma* << *maʔ* <
ti << *tu* << *t* < *ki* << *kiʔ* < *mɔ* << *mɔn* << *m* < *mbaa* << *mbaʔ* <
tɛt << *tɛt* < *kpa* << *ŋma* < *tɛn* << *tɛn* < *ntuu* << *tuʔ* < *sa* << *saʔ* <
faa << *faʔ* < *vü* << *fü* < *yɔm* << *ŋgɔm*

6. Unicode Character Properties.

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A6A0;BAMUM LETTER A;Lo;0;L;;;;;N;;;;;
A6A1;BAMUM LETTER KA;Lo;0;L;;;;;N;;;;;
A6A2;BAMUM LETTER U;Lo;0;L;;;;;N;;;;;
A6A3;BAMUM LETTER KU;Lo;0;L;;;;;N;;;;;
A6A4;BAMUM LETTER EE;Lo;0;L;;;;;N;;;;;
A6A5;BAMUM LETTER REE;Lo;0;L;;;;;N;;;;;
A6A6;BAMUM LETTER TAE;Lo;0;L;;;;;N;;;;;
A6A7;BAMUM LETTER O;Lo;0;L;;;;;N;;;;;
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A6A8;BAMUM LETTER NYI;Lo;0;L;;;;;N;;;;;
A6A9;BAMUM LETTER I;Lo;0;L;;;;;N;;;;;
A6AA;BAMUM LETTER LA;Lo;0;L;;;;;N;;;;;
A6AB;BAMUM LETTER PA;Lo;0;L;;;;;N;;;;;
A6AC;BAMUM LETTER RII;Lo;0;L;;;;;N;;;;;
A6AD;BAMUM LETTER RIEE;Lo;0;L;;;;;N;;;;;
A6AE;BAMUM LETTER LEEEE;Lo;0;L;;;;;N;;;;;
A6AF;BAMUM LETTER MEEEE;Lo;0;L;;;;;N;;;;;
A6B0;BAMUM LETTER TAA;Lo;0;L;;;;;N;;;;;
A6B1;BAMUM LETTER NDAA;Lo;0;L;;;;;N;;;;;
A6B2;BAMUM LETTER NJAEM;Lo;0;L;;;;;N;;;;;
A6B3;BAMUM LETTER M;Lo;0;L;;;;;N;;;;;
A6B4;BAMUM LETTER SUU;Lo;0;L;;;;;N;;;;;
A6B5;BAMUM LETTER MU;Lo;0;L;;;;;N;;;;;
A6B6;BAMUM LETTER SHII;Lo;0;L;;;;;N;;;;;
A6B7;BAMUM LETTER SI;Lo;0;L;;;;;N;;;;;
A6B8;BAMUM LETTER SHEUX;Lo;0;L;;;;;N;;;;;
A6B9;BAMUM LETTER SEUX;Lo;0;L;;;;;N;;;;;
A6BA;BAMUM LETTER KYEE;Lo;0;L;;;;;N;;;;;
A6BB;BAMUM LETTER KET;Lo;0;L;;;;;N;;;;;
A6BC;BAMUM LETTER NUAE;Lo;0;L;;;;;N;;;;;
A6BD;BAMUM LETTER NU;Lo;0;L;;;;;N;;;;;
A6BE;BAMUM LETTER NJUAE;Lo;0;L;;;;;N;;;;;
A6BF;BAMUM LETTER YOQ;Lo;0;L;;;;;N;;;;;
A6C0;BAMUM LETTER SHU;Lo;0;L;;;;;N;;;;;
A6C1;BAMUM LETTER YUQ;Lo;0;L;;;;;N;;;;;
A6C2;BAMUM LETTER YA;Lo;0;L;;;;;N;;;;;
A6C3;BAMUM LETTER NSHA;Lo;0;L;;;;;N;;;;;
A6C4;BAMUM LETTER KEUX;Lo;0;L;;;;;N;;;;;
A6C5;BAMUM LETTER PEUX;Lo;0;L;;;;;N;;;;;
A6C6;BAMUM LETTER NJEE;Lo;0;L;;;;;N;;;;;
A6C7;BAMUM LETTER NTEE;Lo;0;L;;;;;N;;;;;
A6C8;BAMUM LETTER PUE;Lo;0;L;;;;;N;;;;;
A6C9;BAMUM LETTER WUE;Lo;0;L;;;;;N;;;;;
A6CA;BAMUM LETTER PEE;Lo;0;L;;;;;N;;;;;
A6CB;BAMUM LETTER FEE;Lo;0;L;;;;;N;;;;;
A6CC;BAMUM LETTER RU;Lo;0;L;;;;;N;;;;;
A6CD;BAMUM LETTER LU;Lo;0;L;;;;;N;;;;;
A6CE;BAMUM LETTER MI;Lo;0;L;;;;;N;;;;;
A6CF;BAMUM LETTER NI;Lo;0;L;;;;;N;;;;;
A6D0;BAMUM LETTER REUX;Lo;0;L;;;;;N;;;;;
A6D1;BAMUM LETTER RAE;Lo;0;L;;;;;N;;;;;
A6D2;BAMUM LETTER KEN;Lo;0;L;;;;;N;;;;;
A6D3;BAMUM LETTER NGKWAEN;Lo;0;L;;;;;N;;;;;
A6D4;BAMUM LETTER NGGA;Lo;0;L;;;;;N;;;;;
A6D5;BAMUM LETTER NGA;Lo;0;L;;;;;N;;;;;
A6D6;BAMUM LETTER SHO;Lo;0;L;;;;;N;;;;;
A6D7;BAMUM LETTER PUAE;Lo;0;L;;;;;N;;;;;
A6D8;BAMUM LETTER FU;Lo;0;L;;;;;N;;;;;
A6D9;BAMUM LETTER FOM;Lo;0;L;;;;;N;;;;;
A6DA;BAMUM LETTER WA;Lo;0;L;;;;;N;;;;;
A6DB;BAMUM LETTER NA;Lo;0;L;;;;;N;;;;;
A6DC;BAMUM LETTER LI;Lo;0;L;;;;;N;;;;;
A6DD;BAMUM LETTER PI;Lo;0;L;;;;;N;;;;;
A6DE;BAMUM LETTER LOQ;Lo;0;L;;;;;N;;;;;
A6DF;BAMUM LETTER KO;Lo;0;L;;;;;N;;;;;
A6E0;BAMUM LETTER MBEN;Lo;0;L;;;;;N;;;;;
A6E1;BAMUM LETTER REN;Lo;0;L;;;;;N;;;;;
A6E2;BAMUM LETTER MEN;Lo;0;L;;;;;N;;;;;
A6E3;BAMUM LETTER MA;Lo;0;L;;;;;N;;;;;
A6E4;BAMUM LETTER TI;Lo;0;L;;;;;N;;;;;
A6E5;BAMUM LETTER KI;Lo;0;L;;;;;N;;;;;
A6E6;BAMUM LETTER MO;Nl;0;L;;;;1;N;;;;;
A6E7;BAMUM LETTER MBAA;Nl;0;L;;;;2;N;;;;;
A6E8;BAMUM LETTER TET;Nl;0;L;;;;3;N;;;;;
A6E9;BAMUM LETTER KPA;Nl;0;L;;;;4;N;;;;;
A6EA;BAMUM LETTER TEN;Nl;0;L;;;;5;N;;;;;
A6EB;BAMUM LETTER NTUU;Nl;0;L;;;;6;N;;;;;
A6EC;BAMUM LETTER SAMBA;Nl;0;L;;;;7;N;;;;;
A6ED;BAMUM LETTER FAAMAE;Nl;0;L;;;;8;N;;;;;
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A6EE;BAMUM LETTER KOVUE;Nl;0;L;;;;9;N;;;;;
A6EF;BAMUM LETTER KOGHOM;Nl;0;L;;;;0;N;;;;;
A6F0;BAMUM COMBINING MARK KOQNDON;Mn;230;NSM;;;;;N;;;;;
A6F1;BAMUM COMBINING MARK TUKWENTIS;Mn;230;NSM;;;;;N;;;;;
A6F2;BAMUM NJAEMLI;Po;0;ON;;;;;N;;;;;
A6F3;BAMUM FULL STOP;Po;0;CS;;;;;N;;;;;
A6F4;BAMUM COLON;Po;0;CS;;;;;N;;;;;
A6F5;BAMUM COMMA;Po;0;CS;;;;;N;;;;;
A6F6;BAMUM SEMICOLON;Po;0;ON;;;;;N;;;;;
A6F7;BAMUM QUESTION MARK;Po;0;ON;;;;;N;;;;;
```

7. Bibliography.

Dugast, J. & M. D. W. Jeffreys. 1950. *L'écriture des bamum: sa naissance, son evolution, sa valeur phonétique, son utilisation*. Mémoires de l'Institut Français d'Afrique Noire, Centre du Cameroun.

Nchare, Oumarou. [s.d.]. *The Writing of King Njoya: genesis, evolution, use*. Foumban: Palais des Rois Bamoun, Maison de la Culture.

Schmitt, Alfred. 1963. *Die Bamum-Schrift*. Band I: Text. Wiesbaden: Otto Harrassowitz.

Acknowledgements

A. Administrative

1. Title
Proposal to encode modern Bamum in the BMP of the UCS
2. Requester's name
Bamum Scripts and Archives Project in the Palace of Bamum Kings, & the UC Berkeley Script Encoding Initiative (Universal Scripts Project); authors: Michael Everson, Charles Riley, Konrad Tuchscherer
3. Requester type (Member body/Liaison/Individual contribution)
Liaison contribution.
4. Submission date
2008-10-12
5. Requester's reference (if applicable)
6. Choose one of the following:
6a. This is a complete proposal

No.
6b. More information will be provided later
Yes.

B. Technical – General

1. Choose one of the following:
1a. This proposal is for a new script (set of characters)
Yes.
1b. Proposed name of script
Bamum.
1c. The proposal is for addition of character(s) to an existing block
No.
1d. Name of the existing block
2. Number of characters in proposal
88
3. Proposed category (A-Contemporary; B.1-Specialized (small collection); B.2-Specialized (large collection); C-Major extinct; D-Attested extinct; E-Minor extinct; F-Archaic Hieroglyphic or Ideographic; G-Obscure or questionable usage symbols)
Category A.
4a. Is a repertoire including character names provided?
Yes.
4b. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?
Yes.
4c. Are the character shapes attached in a legible form suitable for review?
Yes.
5a. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard?
Jason Glavy via Michael Everson.
5b. If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used:
Michael Everson, Fontographer.
7a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?
No.
7b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?
Yes.
8. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?
Yes.
9. Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at http://www.unicode.org for such information on other scripts. Also see Unicode Character Database http://www.unicode.org/Public/UNIDATA/UnicodeCharacterDatabase.html and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.
See above.

C. Technical – Justification

1. Has this proposal for addition of character(s) been submitted before? If YES, explain.
No.
2a. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?
Yes.
2b. If YES, with whom?
Oumarou Nchare (Director of Cultural Affairs, Bamum King's Palace, Foumban), Aboubakar Njiassé Njoya, Zakari Nkepu, Konrad Tuchscherer.

2c. If YES, available relevant documents

3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included?

In Cameroon.

4a. The context of use for the proposed characters (type of use; common or rare)

Used to write the Bamum language.

4b. Reference

5a. Are the proposed characters in current use by the user community?

Yes.

5b. If YES, where?

In Cameroon.

6a. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP?

Yes. Positions A680-A6FF are proposed.

6b. If YES, is a rationale provided?

Yes.

6c. If YES, reference

Contemporary use.

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

Yes.

8a. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?

No.

8b. If YES, is a rationale for its inclusion provided?

8c. If YES, reference

9a. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?

No.

9b. If YES, is a rationale for its inclusion provided?

9c. If YES, reference

10a. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character?

Yes, but only superficially so.

10b. If YES, is a rationale for its inclusion provided?

Yes.

10c. If YES, reference

Script-specific diacritics are appropriate for this script due to the origin, typical glyph size, and semantics of the diacritics. We oppose unification with generic circumflex and macron.

11a. Does the proposal include use of combining characters and/or use of composite sequences (see clauses 4.12 and 4.14 in ISO/IEC 10646-1: 2000)?

Yes.

11b. If YES, is a rationale for such use provided?

No

11c. If YES, reference

11d. Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?

Yes.

11e. If YES, reference

12a. Does the proposal contain characters with any special properties such as control function or similar semantics?

No.

12b. If YES, describe in detail (include attachment if necessary)

13a. Does the proposal contain any Ideographic compatibility character(s)?

No.

13b. If YES, is the equivalent corresponding unified ideographic character(s) identified?

	A6A	A6B	A6C	A6D	A6E	A6F
0	A6A0	A6B0	A6C0	A6D0	A6E0	A6F0
1	A6A1	A6B1	A6C1	A6D1	A6E1	A6F1
2	A6A2	A6B2	A6C2	A6D2	A6E2	A6F2
3	A6A3	A6B3	A6C3	A6D3	A6E3	A6F3
4	A6A4	A6B4	A6C4	A6D4	A6E4	A6F4
5	A6A5	A6B5	A6C5	A6D5	A6E5	A6F5
6	A6A6	A6B6	A6C6	A6D6	A6E6	A6F6
7	A6A7	A6B7	A6C7	A6D7	A6E7	A6F7
8	A6A8	A6B8	A6C8	A6D8	A6E8	
9	A6A9	A6B9	A6C9	A6D9	A6E9	
A	A6AA	A6BA	A6CA	A6DA	A6EA	
B	A6AB	A6BB	A6CB	A6DB	A6EB	
C	A6AC	A6BC	A6CC	A6DC	A6EC	
D	A6AD	A6BD	A6CD	A6DD	A6ED	
E	A6AE	A6BE	A6CE	A6DE	A6EE	
F	A6AF	A6BF	A6CF	A6DF	A6EF	

Syllables

A6A0	♪	BAMUM LETTER A
A6A1	И	BAMUM LETTER KA
A6A2	ō	BAMUM LETTER U
A6A3	ȳ	BAMUM LETTER KU
A6A4	ḃ	BAMUM LETTER EE
A6A5	↳	BAMUM LETTER REE
A6A6	⊃	BAMUM LETTER TAE
A6A7	Ⴟ	BAMUM LETTER O
A6A8	⅂	BAMUM LETTER NYI
A6A9	℗	BAMUM LETTER I
A6AA	⅌	BAMUM LETTER LA
A6AB	ⅎ	BAMUM LETTER PA
A6AC	℗	BAMUM LETTER RII
A6AD	⅃	BAMUM LETTER RIEE
A6AE	↳	BAMUM LETTER LEEEE
A6AF	⨍	BAMUM LETTER MEEEE
A6B0	Ⱶ	BAMUM LETTER TAA
A6B1	⊦	BAMUM LETTER NDAA
A6B2	Ƴ	BAMUM LETTER NJAEM
A6B3	Ⅱ	BAMUM LETTER M
A6B4	V⃥	BAMUM LETTER SUU
A6B5	Υ	BAMUM LETTER MU
A6B6	Ⅱ:	BAMUM LETTER SHII
A6B7	⅌	BAMUM LETTER SI
A6B8	ら	BAMUM LETTER SHEUX
A6B9	ì	BAMUM LETTER SEUX
A6BA	℈	BAMUM LETTER KYEE
A6BB	ⱶ	BAMUM LETTER KET
A6BC	⋝	BAMUM LETTER NUAE
A6BD	℥	BAMUM LETTER NU
A6BE	ℎ	BAMUM LETTER NJUAE
A6BF	℈	BAMUM LETTER YOQ
A6C0	℈	BAMUM LETTER SHU
A6C1	℩	BAMUM LETTER YUQ
A6C2	Ⱶ	BAMUM LETTER YA
A6C3	ⱳ	BAMUM LETTER NSHA
A6C4	Ⱶ	BAMUM LETTER KEUX
A6C5	Ⱶ	BAMUM LETTER PEUX
A6C6	⅃	BAMUM LETTER NJEE
A6C7	⋖	BAMUM LETTER NTEE
A6C8	℗	BAMUM LETTER PUE
A6C9	Z	BAMUM LETTER WUE
A6CA	⅄	BAMUM LETTER PEE
A6CB	⅂	BAMUM LETTER FEE
A6CC	℈	BAMUM LETTER RU
A6CD	℗	BAMUM LETTER LU
A6CE	Λ	BAMUM LETTER MI
A6CF	ℳ̃	BAMUM LETTER NI
A6D0	℩	BAMUM LETTER REUX
A6D1	℈	BAMUM LETTER RAE
A6D2	2	BAMUM LETTER KEN
A6D3	℟	BAMUM LETTER NGKWAEN
A6D4	⋔	BAMUM LETTER NGGA
A6D5	Ⅽ	BAMUM LETTER NGA
A6D6	ℎ	BAMUM LETTER SHO
A6D7	ℳ	BAMUM LETTER PUAE
A6D8	Ⅶ	BAMUM LETTER FU
A6D9	ⅎ	BAMUM LETTER FOM

A6DA	Ⱶ	BAMUM LETTER WA
A6DB	Π	BAMUM LETTER NA
A6DC	ⱷ	BAMUM LETTER LI
A6DD	℉	BAMUM LETTER PI
A6DE	Ⱶ	BAMUM LETTER LOQ
A6DF	V	BAMUM LETTER KO
A6E0	⅁	BAMUM LETTER MBEN
A6E1	≈	BAMUM LETTER REN
A6E2	ℂ	BAMUM LETTER MEN
A6E3	ℷ	BAMUM LETTER MA
A6E4	Ɣ	BAMUM LETTER TI
A6E5	ℾ	BAMUM LETTER KI
A6E6	ℨ	BAMUM LETTER MO
		also used for digit one
A6E7	℈	BAMUM LETTER MBAA
		also used for digit two
A6E8	⅃	BAMUM LETTER TET
		tèt
		also used for digit three
A6E9	⅃	BAMUM LETTER KPA
		also used for digit four
A6EA	℈	BAMUM LETTER TEN
		tèn
		also used for digit five
A6EB	?	BAMUM LETTER NTUU
		also used for digit six
A6EC	Ⅼ	BAMUM LETTER SAMBA
		also used for digit seven
A6ED	℞	BAMUM LETTER FAAMAE
		also used for digit eight
A6EE	Ⅱ	BAMUM LETTER KOVUU
		also used for digit nine
A6EF	ℰ	BAMUM LETTER KOGHOM
		also used for digit zero
		formerly used for number ten

Combining marks

A6F0	◌̂	BAMUM COMBINING MARK KOQNDON
A6F1	◌	BAMUM COMBINING MARK TUKWENTIS

Punctuation

A6F2	⅃	BAMUM NJAEMLI
A6F3	/·	BAMUM FULL STOP
A6F4	/·/·	BAMUM COLON
A6F5	τ	BAMUM COMMA
A6F6	τι·	BAMUM SEMICOLON
A6F7	↓	BAMUM QUESTION MARK