

# Revised code chart and names list for Soyombo

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## 1 Introduction

The code chart and names list for Soyombo (N4655 L2/15-004) have been revised as a result of a meeting with experts of Mongolian scripts in Tokyo, October 15–16, 2015. Changes are as follows:

































































































1. Renamed the following characters (prefixed with ‘SOYOMBO’):

Current name	Revised name
CLUSTER-INITIAL LETTER LA	CLUSTER-INITIAL LETTER RA
CLUSTER-INITIAL LETTER SHA	CLUSTER-INITIAL LETTER LA
CLUSTER-INITIAL LETTER SA	CLUSTER-INITIAL LETTER SHA
CLUSTER-INITIAL LETTER RA	CLUSTER-INITIAL LETTER SA
HEAD MARK WITH TRIPLE FLAME	HEAD MARK WITH MOON AND SUN AND TRIPLE FLAME
HEAD MARK WITH SINGLE FLAME	HEAD MARK WITH MOON AND SUN AND FLAME
HEAD MARK WITH CANDRABINDU	HEAD MARK WITH MOON AND SUN

2. Removed TERMINAL MARK-3 and reanalyzed its glyph as a variant of SOYOMBO TERMINAL MARK-2. A new representative glyph will be designed for TERMINAL MARK-2, which will have the features of a flower.
3. Opened the spaces at U+11A84 and U+11A85 for the future encoding of ☒ \*JIHVAMULIYA and ☓ \*UPADHMANIYA for Soyombo. Characters currently at U+11A84 and after have been shifted.
4. Opened the space at U+11A9D for the future encoding of ☔ \*PALUTA for Soyombo. Characters currently at this position and after have been shifted.

Although the following points were not raised during the formal meeting, they were discussed with attendees informally and should be considered:








































- Move VOWEL SIGN VOCALIC R and VOWEL SIGN VOCALIC L to in between VOWEL SIGN U and VOWEL SIGN E. This ordering of vowel signs follows the Brahmi pattern more closely and is attested in sources showing consonant-vowel combinations.
- Move SIGN ANUSVARA and SIGN VISARGA to after VOWEL LENGTH MARK. This has the benefit of keeping all vowel-related signs together. Currently the SIGN ANUSVARA and SIGN VISARGA are allocated in the midst of characters related to consonants.
- Retain ‘candrabindu’ in the names for the head marks: ‘head mark with candrabindu and triple flame’, ‘head mark with candrabindu and flame’, ‘head mark with candrabindu’. The use of ‘candrabindu’ aligns with names for characters in related scripts, such as Zanabazar Square, that contain similar elements in their representative glyphs. The descriptors “moon and sun ...” in the proposed name revisions can be preserved as annotations.
- Possibly reanalyze the head marks as base + combining sign instead of as atomic characters. The result would be 1 head-mark base and 3 combining ‘ornament’ signs. This aligns with the model for head marks in Zanabazar Square.

	11A5	11A6	11A7	11A8	11A9	11AA
0	 11A50	 11A60	 11A70	 11A80	 11A90	 11AA0
1	 11A51	 11A61	 11A71	 11A81	 11A91	 11AA1
2	 11A52	 11A62	 11A72	 11A82	 11A92	 11AA2
3	 11A53	 11A63	 11A73	 11A83	 11A93	
4	 11A54	 11A64	 11A74		 11A94	
5	 11A55	 11A65	 11A75		 11A95	
6	 11A56	 11A66	 11A76	 11A86	 11A96	
7	 11A57	 11A67	 11A77	 11A87	 11A97	
8	 11A58	 11A68	 11A78	 11A88	 11A98	
9	 11A59	 11A69	 11A79	 11A89	 11A99	
A	 11A5A	 11A6A	 11A7A	 11A8A	 11A9A	
B	 11A5B	 11A6B	 11A7B	 11A8B	 11A9B	
C	 11A5C	 11A6C	 11A7C	 11A8C	 11A9C	
D	 11A5D	 11A6D	 11A7D	 11A8D		
E	 11A5E	 11A6E	 11A7E	 11A8E	 11A9E	
F	 11A5F	 11A6F	 11A7F	 11A8F	 11A9F	

**Vowel carrier**11A50  SOYOMBO LETTER A**Vowel signs**

11A51  SOYOMBO VOWEL SIGN I  
 11A52  SOYOMBO VOWEL SIGN UE  
 11A53  SOYOMBO VOWEL SIGN U  
 11A54  SOYOMBO VOWEL SIGN E  
 11A55  SOYOMBO VOWEL SIGN O  
 11A56  SOYOMBO VOWEL SIGN OE  
 11A57  SOYOMBO VOWEL SIGN AI  
 11A58  SOYOMBO VOWEL SIGN AU  
 11A59  SOYOMBO VOWEL SIGN VOCALIC R  
 11A5A  SOYOMBO VOWEL SIGN VOCALIC L














**Vowel length mark**11A5B  SOYOMBO VOWEL LENGTH MARK**Consonants**

11A5C  SOYOMBO LETTER KA  
 • Mongolian g  
 11A5D  SOYOMBO LETTER KHA  
 • Mongolian k  
 11A5E  SOYOMBO LETTER GA  
 11A5F  SOYOMBO LETTER GHA  
 11A60  SOYOMBO LETTER NGA  
 11A61  SOYOMBO LETTER CA  
 • Mongolian j  
 11A62  SOYOMBO LETTER CHA  
 • Mongolian c  
 11A63  SOYOMBO LETTER JA  
 11A64  SOYOMBO LETTER JHA  
 11A65  SOYOMBO LETTER NYA  
 11A66  SOYOMBO LETTER TTA  
 11A67  SOYOMBO LETTER TTHA  
 11A68  SOYOMBO LETTER DDA  
 11A69  SOYOMBO LETTER DDHA  
 11A6A  SOYOMBO LETTER NNA  
 11A6B  SOYOMBO LETTER TA  
 • Mongolian d  
 11A6C  SOYOMBO LETTER THA  
 • Mongolian t  
 11A6D  SOYOMBO LETTER DA  
 11A6E  SOYOMBO LETTER DHA  
 11A6F  SOYOMBO LETTER NA  
 11A70  SOYOMBO LETTER PA  
 • Mongolian b  
 11A71  SOYOMBO LETTER PHA  
 • Mongolian p  
 11A72  SOYOMBO LETTER BA  
 11A73  SOYOMBO LETTER BHA  
 11A74  SOYOMBO LETTER MA  
 11A75  SOYOMBO LETTER TSA  
 11A76  SOYOMBO LETTER TSHA  
 11A77  SOYOMBO LETTER DZA  
 11A78  SOYOMBO LETTER ZHA  
 11A79  SOYOMBO LETTER ZA  
 11A7A  SOYOMBO LETTER -A  
 11A7B  SOYOMBO LETTER YA  
 11A7C  SOYOMBO LETTER RA  
 11A7D  SOYOMBO LETTER LA  
 11A7E  SOYOMBO LETTER VA  
 11A7F  SOYOMBO LETTER SHA  
 11A80  SOYOMBO LETTER SSA  
 11A81  SOYOMBO LETTER SA  
 11A82  SOYOMBO LETTER HA



11A83  SOYOMBO LETTER KSSA**Cluster-initial letters**

11A86  SOYOMBO CLUSTER-INITIAL LETTER RA  
 11A87  SOYOMBO CLUSTER-INITIAL LETTER LA  
 11A88  SOYOMBO CLUSTER-INITIAL LETTER SHA  
 11A89  SOYOMBO CLUSTER-INITIAL LETTER SA


**Final consonant signs**

11A8A  SOYOMBO FINAL CONSONANT SIGN G  
 11A8B  SOYOMBO FINAL CONSONANT SIGN K  
 11A8C  SOYOMBO FINAL CONSONANT SIGN NG  
 11A8D  SOYOMBO FINAL CONSONANT SIGN D  
 11A8E  SOYOMBO FINAL CONSONANT SIGN N  
 11A8F  SOYOMBO FINAL CONSONANT SIGN B  
 11A90  SOYOMBO FINAL CONSONANT SIGN M  
 11A91  SOYOMBO FINAL CONSONANT SIGN R  
 11A92  SOYOMBO FINAL CONSONANT SIGN L  
 11A93  SOYOMBO FINAL CONSONANT SIGN SH  
 11A94  SOYOMBO FINAL CONSONANT SIGN S  
 11A95  SOYOMBO FINAL CONSONANT SIGN -A  
 • Mongolian aang  
 • Tibetan a-chung  
 → 0F60  tibetan letter -a




**Various signs**

11A96  SOYOMBO SIGN ANUSVARA  
 11A97  SOYOMBO SIGN VISARGA




**Gemination mark**11A98  SOYOMBO GEMINATION MARK**Subjoiner**

11A99  SOYOMBO SUBJOINER  
 • used for producing conjunct stacks



**Punctuation**

11A9A  SOYOMBO TSHEG  
 11A9B  SOYOMBO SHAD  
 11A9C  SOYOMBO DOUBLE SHAD

**Head marks**

11A9E  SOYOMBO HEAD MARK WITH MOON AND SUN AND TRIPLE FLAME  
 • used for the national symbol of Mongolia  
 11A9F  SOYOMBO HEAD MARK WITH MOON AND SUN AND FLAME  
 11AA0  SOYOMBO HEAD MARK WITH MOON AND SUN

**Terminal Marks**

11AA1  SOYOMBO TERMINAL MARK-1  
 11AA2  SOYOMBO TERMINAL MARK-2  
 = cintamani, candamani