

Preliminary proposal to encode ‘Buginese Extensions’ in Unicode

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1 Introduction

This is a proposal to encode a new block named ‘Buginese Extensions’ in the Supplementary Multilingual Plane (SMP) of Unicode. It builds upon information provided in the following documents:

- UTN #35: Indonesian and Philippine Scripts and Extensions
- L2/16-075: Proposal to encode VIRAMA signs for Buginese
- L2/16-076: Representing Lota Ende in Unicode
- L2/16-096: Representing Sumbawa in Unicode
- L2/16-119: Representing Bima in Unicode

The characters proposed for encoding are used in various modern and historical Buginese-based orthographies for languages of Indonesia. These letters are not used in the modern Buginese script. Some are historical forms that were previously used and eventually discontinued for writing Bugis, but retained or adapted for other languages. Some are alternate forms used in free variation with normative letters in Bugis. Several letters are unique to the orthographies for particular languages, such as Bima, Ende, Luwu, Sumbawa, and represent sounds for which analogous letters do not exist in the standard script.

	16E0	16E1	16E2	16E3	16E4
0	𐆀 16E00	𐆁 16E10	𐆂 16E20	𐆃 16E30	𐆄 16E40
1	𐆅 16E01	𐆆 16E11	𐆇 16E21	𐆈 16E31	𐆉 16E41
2	𐆊 16E02	𐆋 16E12	𐆌 16E22	𐆍 16E32	𐆎 16E42
3	𐆏 16E03	𐆐 16E13	𐆑 16E23	𐆒 16E33	𐆓 16E43
4	𐆔 16E04	𐆕 16E14	𐆖 16E24	𐆗 16E34	𐆘 16E44
5	𐆙 16E05	𐆚 16E15	𐆛 16E25	𐆜 16E35	𐆝 16E45
6	𐆞 16E06	𐆟 16E16	𐆠 16E26	𐆡 16E36	
7	𐆢 16E07	𐆣 16E17	𐆤 16E27	𐆥 16E37	
8	𐆦 16E08	𐆧 16E18	𐆨 16E28	𐆩 16E38	
9	𐆪 16E09	𐆫 16E19	𐆬 16E29	𐆭 16E39	
A	𐆮 16E0A	𐆯 16E1A	𐆰 16E2A	𐆱 16E3A	
B	𐆲 16E0B	𐆳 16E1B	𐆴 16E2B	𐆵 16E3B	
C	𐆶 16E0C	𐆷 16E1C	𐆸 16E2C	𐆹 16E3C	
D	𐆺 16E0D	𐆻 16E1D	𐆼 16E2D	𐆽 16E3D	
E	𐆾 16E0E	𐆿 16E1E	𐇀 16E2E	𐇁 16E3E	
F	𐇂 16E0F	𐇃 16E1F	𐇄 16E2F	𐇅 16E3F	

Vowels

16E00	ɹ	BUGINESE LETTER A-2	• Sumbawa
16E01	·	BUGINESE LETTER A-3	• Bugis, Sumbawa
16E02	:	BUGINESE LETTER I	• Bugis
16E03	:	BUGINESE LETTER U	• Bugis
16E04	ƒ	BUGINESE LETTER E	• Bugis
16E05	ŋ	BUGINESE LETTER O	• Bugis
16E06	ɥ	BUGINESE LETTER AE	• Bugis

Consonants

16E07	×	BUGINESE LETTER KA-2	• Bugis
16E08	λ	BUGINESE LETTER KHA	• Sumbawa
16E09	∞	BUGINESE LETTER GA-2	• Ende
16E0A	∞	BUGINESE LETTER GA-3	• Sumbawa
16E0B	λ	BUGINESE LETTER NGA-2	• Ende
16E0C	λ	BUGINESE LETTER NGA-3	• Sumbawa
16E0D	λ	BUGINESE LETTER NGA-4	• Luwu
16E0E	λ	BUGINESE LETTER NGKA	• Luwu
16E0F	∞	BUGINESE LETTER NGGA	• Ende
16E10	∞	BUGINESE LETTER PA-2	• Ende
16E11	λ	BUGINESE LETTER BA-2	• Bima
16E12	∞	BUGINESE LETTER BA-3	• Sumbawa
16E13	∞	BUGINESE LETTER BBA	• Ende implosive ba
16E14	∞	BUGINESE LETTER BBA-2	• Ende implosive ba
16E15	∞	BUGINESE LETTER MPA	• Luwu
16E16	∞	BUGINESE LETTER MPA-2	• Bima
16E17	×	BUGINESE LETTER MBA	• Ende
16E18	∞	BUGINESE LETTER MBA-2	• Ende
16E19	×	BUGINESE LETTER MBA-3	• Luwu
16E1A	∞	BUGINESE LETTER MMA	• Luwu
16E1B	∞	BUGINESE LETTER TTA	• Luwu
16E1C	∞	BUGINESE LETTER DDA	• Ende implosive da
16E1D	∞	BUGINESE LETTER DHA	• Sumbawa

16E1E	∞	BUGINESE LETTER NTA	• Luwu
16E1F	∞	BUGINESE LETTER NTA-2	• Bima
16E20	∞	BUGINESE LETTER NDA	• Ende
16E21	×	BUGINESE LETTER NDA-2	• Ende
16E22	∞	BUGINESE LETTER NDA-3	• Luwu
16E23	∞	BUGINESE LETTER NNA	• Luwu
16E24	×	BUGINESE LETTER CA-2	• Ende
16E25	∞	BUGINESE LETTER CA-3	• Sumbawa
16E26	∞	BUGINESE LETTER JA-2	• Bugis
16E27	∞	BUGINESE LETTER JA-3	• Bugis
16E28	∞	BUGINESE LETTER JA-4	• Sumbawa
16E29	∞	BUGINESE LETTER JA-5	• Sumbawa
16E2A	∞	BUGINESE LETTER JA-6	• Sumbawa
16E2B	∞	BUGINESE LETTER JA-7	• Ende
16E2C	∞	BUGINESE LETTER NYA-2	• Ende
16E2D	∞	BUGINESE LETTER NYA-3	
16E2E	∞	BUGINESE LETTER NYCA	• Bima
16E2F	∞	BUGINESE LETTER NYJA	• Luwu
16E30	×	BUGINESE LETTER YA-2	• also used for Ende ha
16E31	×	BUGINESE LETTER YA-3	
16E32	∞	BUGINESE LETTER RA-2	
16E33	∞	BUGINESE LETTER RRA	• Ende
16E34	∞	BUGINESE LETTER LA-2	
16E35	∞	BUGINESE LETTER LA-3	
16E36	∞	BUGINESE LETTER SA-2	• Ende
16E37	∞	BUGINESE LETTER SA-3	• Bugis, Ende
16E38	∞	BUGINESE LETTER SA-3	• Bugis
16E39	∞	BUGINESE LETTER SSA	• Luwu
16E3A	∞	BUGINESE LETTER HA-2	
16E3B	∞	BUGINESE LETTER HA-3	• Luwu
16E3C	∞	BUGINESE LETTER HA-4	• Ende
16E3D	∞	BUGINESE LETTER ZA	
16E3E	∞	BUGINESE LETTER ZA-2	• Ende
16E3F	∞	BUGINESE LETTER FA	• Ende
16E40	<	BUGINESE LETTER FA-2	• Sumbawa

- 16E41 ~̣ BUGINESE LETTER FA-3
• Bima
- 16E42 ð BUGINESE LETTER GGA
• Ende
- 16E43 > BUGINESE LETTER QA
• Sumbawa
- 16E44 ∞ BUGINESE LETTER SYA
• Sumbawa

Various signs

- 16E45 ̣ BUGINESE GEMINATION MARK
• Bima