

A.4.1E SMS/CBS 7-bit Lao Alphabet (0x1E)

A.4.1E.1 SMS/CBS 7-bit Lao Alphabet (0x1E) base table

				b7	0	0	0	0	1	1	1	1
				b6	0	0	1	1	0	0	1	1
				b5	0	1	0	1	0	1	0	1
b4	b3	b2	b1		0	1	2	3	4	5	6	7
0	0	0	0	0		□ 0E8C	SP 0020	0 0030	ຸ 0EA1	ຸ 0EB2		p 0070
0	0	0	1	1	◌̣ 0ECD	◌̣ 005F	ຸ 0E9A	1 0031	ຸ 0EA2	◌̣ 0EB4	a 0061	q 0071
0	0	1	0	2		ຸ 0E8D	ຸ 0E9B	2 0032	ຸ 0EBD	◌̣ 0EB5	b 0062	r 0072
0	0	1	1	3	ກ 0E81	□ 0E8E	# 0023	3 0033	◌̣ 0EBC	◌̣ 0EB8	c 0063	s 0073
0	1	0	0	4	ຂ 0E82	□ 0E8F	ຸ 0E9C	4 0034	ຸ 0EA3	◌̣ 0EB9	d 0064	t 0074
0	1	0	1	5		□ 0E90	ຸ 0E9D	5 0035	ວ 0EA5	◌̣ 0EB6	e 0065	u 0075
0	1	1	0	6	ຄ 0E84	□ 0E91	ຸ 0E9E	6 0036	ວ 0EA7	◌̣ 0EB7	f 0066	v 0076
0	1	1	1	7		□ 0E92	ຸ 0E9F	7 0037	ສ 0EAA		g 0067	w 0077
1	0	0	0	8	□ 0E86	□ 0E93	□ 0EA0	8 0038	□ 0EA9	c 0EC0	h 0068	x 0078
1	0	0	1	9	ງ 0E87	ດ 0E94	ກ 0EDE	9 0039	□ 0EA8	ຸ 0EC1	i 0069	y 0079
1	0	1	0	A	LF 000A	ຕ 0E95	* 002A	: 003A	ຫ 0EAB	ຸ 0EC3	j 006A	z 007A
1	0	1	1	B	ຈ 0E88	SS2 ----	+ 002B	; 003B	□ 0EAC	ລ 0EC4	k 006B	◌̣ 0EC8
1	1	0	0	C	□ 0E89	ຸ 0E96	, 002C	ຫ 0EDC	ອ 0EAD	◌̣ 0EBB	l 006C	◌̣ 0EC9
1	1	0	1	D	CR 000D	ທ 0E97	ຸ 0EDF	ຫ 0EDD	ຸ 0EAE	ລ 0EC2	m 006D	◌̣ 0ECA
1	1	1	0	E	ຸ 0E8A	□ 0E98	. 002E		ຸ 0EB0		n 006E	◌̣ 0ECB
1	1	1	1	F		ຸ 0E99	/ 002F	? 003F	◌̣ 0EB1	□ 0ECE	o 006F	ງ 0EC6

In the event that an MS receives a code where a symbol is not represented in the above table then the MS shall display the REPLACEMENT CHARACTER (U+FFFD). The Lao alphabet has two (interrelated) coding exceptions: 1) Some vowel characters have a "logical order exception"; 2) Some vowels that are written with several vowel characters do not have a combined character encoded.

SP: In Lao, spaces are not used between words, only between phrases.

LF: LINE FEED; moves to the next line (with implied carriage return).

CR: CARRIAGE RETURN; CR is not used as CR but is used as a filler after the actual SMS/CBS message text. CR should not occur inside a message text, but if it does, it must be converted to LF. Note though that <SS2,CR> is actually CSI (see next table), and that "CR" is not a filler, nor LF.

SS2: SINGLE SHIFT TWO; This code shifts the next 7-bit code unit to refer to an extension of this table (subclause A.4.1E.1). (Note: setting, in the SMS and CBS protocols, base or extension table with reference value 0x10 or larger automatically sets the other tables with the same reference value.) When splitting a message text into submessages, there must be no cut right after an SS2.

A.4.1E.2 SMS/CBS 7-bit Lao Alphabet (0x1E) extension (SS2) table

				b7	0	0	0	0	1	1	1	1
				b6	0	0	1	1	0	0	1	1
				b5	0	1	0	1	0	1	0	1
b4	b3	b2	b1	1B	0	1	2	3	4	5	6	7
0	0	0	0	0	@ 0040	< 003C	໔ 0ED4	໐໑ 0EB3	 007C	P 0050	¼ 00BC	△ 26A0
0	0	0	1	1	£ 00A3	= 003D	໕ 0ED5		A 0041	Q 0051	½ 00BD	∞ 221E
0	0	1	0	2	\$ 0024	> 003E	໖ 0ED6		B 0042	R 0052	¾ 00BE	² 00B2
0	0	1	1	3	¥ 00A5	₹ 20B9	໗ 0ED7		C 0043	S 0053	“ 201C	³ 00B3
0	1	0	0	4	§ 00A7	^ 005E	໘ 0ED8		D 0044	T 0054	” 201D	
0	1	0	1	5	" 0022	฿ 0E3F	໙ 0ED9		E 0045	U 0055	¤ 00A4	
0	1	1	0	6	€ 20AC	₭ 20AD	໐ 0E4F		F 0046	V 0056	Ω 03A9	
0	1	1	1	7	% 0025	(0028	໑ 0E5B		G 0047	W 0057	μ 03BC	
1	0	0	0	8	& 0026) 0029	{ 007B		H 0048	X 0058	° 00B0	
1	0	0	1	9	' 0027	໑ 0EAF	} 007D		I 0049	Y 0059	× 00D7	
1	0	1	0	A	FF 000C	໑ 0E5A	໑໔ 0ED1,2044,0ED4	≈ 2248	J 004A	Z 005A	÷ 00F7	
1	0	1	1	B	- 2212	SS3 ----	໑໕ 0ED1,2044,0ED2	≠ 2260	K 004B	໑ 0ECC	± 00B1	
1	1	0	0	C	! 0021	໐ 0ED0	໑໔ 0E53,2044,0ED4	[005B	L 004C		‰ 2030	
1	1	0	1	D	CSI 009B	໑ 0ED1	≤ 2A7D	~ 007E	M 004D		« 00AB	
1	1	1	0	E	- 002D	໒ 0ED2	≥ 2A7E] 005D	N 004E		» 00BB	
1	1	1	1	F		໓ 0ED3	\ 005C	· 00B7	O 004F	□ 0EBA	' 2019	

In the event that an MS receives a code where a symbol is not represented in the above table then the MS shall display the REPLACEMENT CHARACTER (U+FFFD).

FF: FORM FEED; This code is defined as a Page Break character (with implied carriage return). Any mobile station which does not have pagination shall treat it as a LF (with implied carriage return).

CSI: CONTROL SEQUENCE INTRODUCER; enables decimal character references, enables styling. An MS which does not support CSI shall convert it to REPLACEMENT CHARACTER.

SS3: SINGLE SHIFT THREE; This code is reserved for the extension to another extension table. When splitting a message text into submessages, there must be no cut right after an SS3.

U+2044 FRACTION SLASH; the sequence may need to be isolated from adjacent digits by ZWNJ.