

A.4.1D SMS/CBS 7-bit Thai Alphabet (0x1D)

A.4.1D.1 SMS/CBS 7-bit Thai Alphabet (0x1D) base table

				b7	0	0	0	0	1	1	1	1	1
				b6	0	0	1	1	0	0	1	1	1
				b5	0	1	0	1	0	1	0	1	1
b4	b3	b2	b1		0	1	2	3	4	5	6	7	
0	0	0	0	0	ღ 0E0C	SP 0020	0 0030	ນ 0E21	ໜ 0E32	ໝ 0E45	ໝ 0070	p	
0	0	0	1	1	ጀ 0E4D	ጀ 005F	ጀ 0E1A	ጀ 0031	ጀ 0E22	ጀ 0E34	a	q	0071
0	0	1	0	2	ጀ 0E0D	ጀ 0E1B	ጀ 0032	ጀ 0E23	ጀ 0E35	ጀ 0062	b	r	0072
0	0	1	1	3	ກ 0E01	ጀ 0E0E	# 0023	ጀ 0033	ጀ 0E24	ጀ 0E38	c	s	0073
0	1	0	0	4	ጀ 0E02	ጀ 0E0F	ጀ 0E1C	ጀ 0034	ጀ 0E25	ጀ 0E39	d	t	0074
0	1	0	1	5	ጀ 0E03	ጀ 0E10	ጀ 0E1D	ጀ 0035	ጀ 0E26	ጀ 0E36	e	u	0075
0	1	1	0	6	ጀ 0E04	ጀ 0E11	ጀ 0E1E	ጀ 0036	ጀ 0E27	ጀ 0E37	f	v	0076
0	1	1	1	7	ጀ 0E05	ጀ 0E12	ጀ 0E1F	ጀ 0037	ጀ 0E2A	ጀ 0E47	g	w	0077
1	0	0	0	8	ጀ 0E06	ጀ 0E13	ጀ 0E20	ጀ 0038	ጀ 0E29	ጀ 0E40	h	x	0078
1	0	0	1	9	ጀ 0E07	ጀ 0E14		ጀ 0039	ጀ 0E28	ጀ 0E41	i	y	0079
1	0	1	0	ጀ A	LF 000A	ጀ 0E15	*	:	ጀ 0E2B	ጀ 0E43	j	z	007A
1	0	1	1	ጀ B	ጀ 0E08	SS2 ----	+	;	ጀ 0E2C	ጀ 0E44	k	ጀ 0E48	
1	1	0	0	ጀ C	ጀ 0E09	ጀ 0E16	,		ጀ 0E2D		l	ጀ 0E49	
1	1	0	1	ጀ D	CR 000D	ጀ 0E17			ጀ 0E2E	ጀ 0E42	m	ጀ 0E4A	
1	1	1	0	ጀ E	ጀ 0E0A	ጀ 0E18	.		ጀ 0E30		n	ጀ 0E4B	
1	1	1	1	ጀ F	ጀ 0E0B	ጀ 0E19	/	?	ጀ 0E31	ጀ 0E4E	o	ጀ 0E46	

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). Note: 1) Some vowel characters have a “logical order exception”; 2) Vowels that are written with several parts do not have a combined character encoded.

SP: In Thai, 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.4.1D.2).

When splitting a message text into submessages, there must be no cut right after an SS2.

A.4.1D.2 SMS/CBS 7-bit Thai Alphabet (0x1D) 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	ເ 0E54	ໜ 0E33	 007C	P 0050	¼ 00BC	△ 26A0	
0	0	0	1	1	£ 00A3	= 003D	ເ 0E55		A 0041	Q 0051	½ 00BD	∞ 221E	
0	0	1	0	2	\$ 0024	> 003E	ບ 0E56		B 0042	R 0052	¾ 00BE	² 00B2	
0	0	1	1	3	¥ 00A5	₹ 20B9	ං 0E57		C 0043	S 0053	“ 201C	³ 00B3	
0	1	0	0	4	§ 00A7	^ 005E	ເ 0E58		D 0044	T 0054	” 201D		
0	1	0	1	5	" 0022	฿ 0E3F	ເ 0E59		E 0045	U 0055	¤ 00A4		
0	1	1	0	6	€ 20AC	₭ 20AD	◦ 0E4F		F 0046	V 0056	Ω 03A9		
0	1	1	1	7	% 0025	(0028	ໝ 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	߱ 0E2F	} 007D		I 0049	Y 0059	× 00D7		
1	0	1	0	A	FF 000C	߻ 0E5A	ߵ߲ 0E51,2044,0E54	≈ 2248	J 004A	Z 005A	÷ 00F7		
1	0	1	1	B	- 2212	SS3 ----	ߵ߲ 0E51,2044,0E52	≠ 2260	K 004B	ܶ 0E4C	± 00B1		
1	1	0	0	C	! 0021	○ 0E50	ߵ߲ 0E53,2044,0E54	[005B	L 004C		% 2030		
1	1	0	1	D	CSI 009B	߳ 0E51	߲ 2A7D	~ 007E	M 004D		߲ 00AB		
1	1	1	0	E	- 002D	߲ 0E52	߲ 2A7E] 005D	N 004E		߲ 00BB		
1	1	1	1	F		߲ 0E53	߲ 005C	.	O 004F	ܶ 0E3A	,	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.

U+0E3A: THAI CHARACTER PHINTHU: In Thai, U+0E3A is a combining character with nominal glyph.