A.4.1B SMS/CBS 7-bit Tamil Alphabet (0x1B)

A.4.1B.1   SMS/CBS 7-bit Tamil Alphabet (0x1B) 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		ஐ 0B90	SP 0020	0 0030		ா 0BBE	ஐ 0BD0	p 0070
0	0	0	1	1	ஂ 0B82	_ 005F	த 0BA4	1 0031		ி 0BBF	a 0061	q 0071
0	0	1	0	2	ஃ 0B83	ஒ 0B92	ட 0B9F	2 0032	ம 0BAE	ீ 0BC0	b 0062	r 0072
0	0	1	1	3	அ 0B85	ஓ 0B93	# 0023	3 0033	ய 0BAF	ு 0BC1	c 0063	s 0073
0	1	0	0	4	ஆ 0B86	ஔ 0B94		4 0034	ர 0BB0	ூ 0BC2	d 0064	t 0074
0	1	0	1	5	இ 0B87	க 0B95		5 0035	ற 0BB1		e 0065	u 0075
0	1	1	0	6	ஈ 0B88			6 0036	ல 0BB2		f 0066	v 0076
0	1	1	1	7	உ 0B89			7 0037	ள 0BB3		g 0067	w 0077
1	0	0	0	8	ஊ 0B8A			8 0038	ழ 0BB4	ெ 0BC6	h 0068	x 0078
1	0	0	1	9		ங 0B99		9 0039	வ 0BB5	ே 0BC7	i 0069	y 0079
1	0	1	0	A	LF 000A	ச 0B9A	* 002A	: 003A	ஸ 0BB8	ை 0BC8	j 006A	z 007A
1	0	1	1	B		SS2 ----	+ 002B	; 003B	ஷ 0BB7	ௗ 0BD7	k 006B	
1	1	0	0	C			, 002C	ண 0BA3	ஶ 0BB6	ொ 0BCA	l 006C	
1	1	0	1	D	CR 000D	ஜ 0B9C	ந 0BA8	ப 0BAA	ஹ 0BB9	ோ 0BCB	m 006D	
1	1	1	0	E	எ 0B8E		. 002E			ௌ 0BCC	n 006E	
1	1	1	1	F	ஏ 0B8F	ஞ 0B9E	/ 002F	? 003F		் 0BCD	o 006F	

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).

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 (se 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.4.1B.2). When splitting a message text into submessages, there must be no cut right after an SS2.

0BCD   TAMIL SIGN VIRAMA: In Tamil U+0BCD is a combining character with nominal glyph. (However, the closely related Grantha script has a virama that is a conjunct forming control character.)

A.4.1B.2 SMS/CBS 7-bit Tamil Alphabet (0x1B) extension (SS2) table

b7				1B	0	1	2	3	4	5	6	7
b6					0	0	0	0	1	1	1	1
b5					0	0	1	1	0	0	1	1
					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	@ 0040	< 003C	ச 0BEA		| 007C	P 0050	¼ 00BC	⚠ 26A0
0	0	0	1	1	£ 00A3	= 003D	� 0BEB		A 0041	Q 0051	½ 00BD	∞ 221E
0	0	1	0	2	$ 0024	> 003E	சா 0BEC		B 0042	R 0052	¾ 00BE	² 00B2
0	0	1	1	3	¥ 00A5	₹ 20B9	எ 0BED		C 0043	S 0053	" 201C	³ 00B3
0	1	0	0	4	§ 00A7	^ 005E	அ 0BEE		D 0044	T 0054	" 201D	
0	1	0	1	5	" 0022		கூ 0BEF		E 0045	U 0055	¤ 00A4	0BF9
0	1	1	0	6	€ 20AC				F 0046	V 0056	Ω 03A9	ெ 0BF3
0	1	1	1	7	% 0025	(0028	� 11FFF		G 0047	W 0057	µ 03BC	0BF4
1	0	0	0	8	& 0026	) 0029	{ 007B	0BF6	H 0048	X 0058	° 00B0	0BF5
1	0	0	1	9	' 0027	ǀ 0964	} 007D	0BF7	I 0049	Y 0059	× 00D7	0BF8
1	0	1	0	A	**FF** 000C	‖ 0965	க/ச 0BE7,2044,0BEA	≈ 2248	J 004A	Z 005A	÷ 00F7	11FEE
1	0	1	1	B	− 2212	**SS3** ----	க/உ 0BE7,2044,0BE8	≠ 2260	K 004B		± 00B1	11FEF
1	1	0	0	C	! 0021	0 0BE6	ங/ச 0BE9,2044,0BEA	[005B	L 004C	0BFA	‰ 2030	11FF0
1	1	0	1	D	**CSI** 009B	க 0BE7	⩽ 2A7D	~ 007E	M 004D	0BF0	« 00AB	11FF1
1	1	1	0	E	- 002D	உ 0BE8	⩾ 2A7E	] 005D	N 004E	ா 0BF1	» 00BB	
1	1	1	1	F	ன 0BA9	ங 0BE9	\ 005C	· 00B7	O 004F	சா 0BF2	' 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 is 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.