

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		ஶ 0BBE	ஐ 0BD0	p 0070	
0	0	0	1	1	ஃ 0B82	஁ 005F	த 0BA4	1 0031		ி 0BBF	a 0061	q 0071	
0	0	1	0	2	ஃ 0B83	ஐ 0B92	஌ 0B9F	2 0032	஡ 0BAE	ீ 0BC0	b 0062	r 0072	
0	0	1	1	3	அ 0B85	ஐ 0B93	# 0023	3 0033	ய 0BAF	ஶ 0BC1	c 0063	s 0073	
0	1	0	0	4	ஆ 0B86	ஐ 0B94		4 0034	ர 0BB0	ஶ 0BC2	d 0064	t 0074	
0	1	0	1	5	இ 0B87	ஃ 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	ஶ 0BC6	h 0068	x 0078	
1	0	0	1	9		஋ 0B99		9 0039	வ 0BB5	ஶ 0BC7	i 0069	y 0079	
1	0	1	0	A	LF 000A	ஃ 0B9A	* 002A	: 003A	ஸ 0BB8	ஶ 0BC8	j 006A	z 007A	
1	0	1	1	B		SS2 ----	+ 002B	; 003B	ஷ 0BB7	ஶ 0BD7	k 006B		
1	1	0	0	C			, 002C	ஶ 0BA3	ஸ 0BB6	ஶ 0BCA	l 006C		
1	1	0	1	D	CR 000D	ஐ 0B9C	ந 0BA8	ப 0BAA	ஹ 0BB9	ஶ 0BCB	m 006D		
1	1	1	0	E	எ 0B8E		. 002E			ஶ 0BCC	n 006E		
1	1	1	1	F	ஏ 0B8F	ஶ 0B9E	/ 002F	? 003F		ஶ 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 (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.4.1B.2). (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.

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	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	ஈ 0BEA		 007C	P 0050	¼ 00BC	△ 26A0
0	0	0	1	1	£ 00A3	= 003D	ஐ 0BEB		A 0041	Q 0051	½ 00BD	∞ 221E
0	0	1	0	2	\$ 0024	> 003E	ஊ 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	ஏ 0BEE		D 0044	T 0054	” 201D	
0	1	0	1	5	" 0022		ஐ 0BEF		E 0045	U 0055	¤ 00A4	ஐ 0BF9
0	1	1	0	6	€ 20AC				F 0046	V 0056	Ω 03A9	௨ 0BF3
0	1	1	1	7	% 0025	(0028	ஈ 11FFF		G 0047	W 0057	μ 03BC	மீ 0BF4
1	0	0	0	8	& 0026) 0029	{ 007B	ஐ 0BF6	H 0048	X 0058	° 00B0	ஐ 0BF5
1	0	0	1	9	' 0027	 0964	} 007D	ஐ 0BF7	I 0049	Y 0059	× 00D7	ஐ 0BF8
1	0	1	0	A	FF 000C	 0965	ஈ/ஈ 0BE7,2044,0BEA	≈ 2248	J 004A	Z 005A	÷ 00F7	ஐ 11FEE
1	0	1	1	B	- 2212	SS3 ----	ஈ 0BE7,2044,0BE8	≠ 2260	K 004B		± 00B1	ஐ 11FEF
1	1	0	0	C	! 0021	o 0BE6	ஈ/ஈ 0BE9,2044,0BEA	[005B	L 004C	ஐ 0BFA	‰ 2030	ஐ 11FF0
1	1	0	1	D	CSI 009B	ஈ 0BE7	≤ 2A7D	~ 007E	M 004D	ஐ 0BF0	« 00AB	ஐ 11FF1
1	1	1	0	E	- 002D	உ 0BE8	≥ 2A7E] 005D	N 004E	ஐ 0BF1	» 00BB	
1	1	1	1	F	ஐ 0BA9	ஐ 0BE9	\ 005C	· 00B7	O 004F	ஐ 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 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.