

A.4.18 SMS/CBS 7-bit Malayalam Alphabet (0x18)

A.4.18.1 SMS/CBS 7-bit Malayalam Alphabet (0x18) 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	൬ 0D01	ഒഎ 0D10	SP 0020	0 0030	ബ 0D2C	ഓ 0D3E	പ 0D3A	p 0070
0	0	0	1	1	ഓ 0D02	ഓ 005F	ര 0D24	1 0031	ഭ 0D2D	ി 0D3F	a 0061	q 0071
0	0	1	0	2	ഓ 0D03	ഒ 0D12	ട 0D1F	2 0032	മ 0D2E	ീ 0D40	b 0062	r 0072
0	0	1	1	3	ര 0D05	ഓ 0D13	# 0023	3 0033	യ 0D2F	ു 0D41	c 0063	s 0073
0	1	0	0	4	ര 0D06	ഓ 0D14	ഥ 0D25	4 0034	ര 0D30	ു 0D42	d 0064	t 0074
0	1	0	1	5	ഇ 0D07	ക 0D15	ഓ 0D20	5 0035	റ 0D31	ു 0D43	e 0065	u 0075
0	1	1	0	6	ഇ 0D08	ഖ 0D16	ദ 0D26	6 0036	ല 0D32	ഓ 0D62	f 0066	v 0076
0	1	1	1	7	ഉ 0D09	ഗ 0D17	ഡ 0D21	7 0037	ള 0D33		g 0067	w 0077
1	0	0	0	8	ഊ 0D0A	ഘ 0D18	ധ 0D27	8 0038	ഴ 0D34	െ 0D46	h 0068	x 0078
1	0	0	1	9	ഋ 0D0B	ൺ 0D19	റു 0D22	9 0039	വ 0D35	േ 0D47	i 0069	y 0079
1	0	1	0	A	LF 000A	ച 0D1A	* 002A	: 003A	സ 0D38	ൈ 0D48	j 006A	z 007A
1	0	1	1	B	ൺ 0D0C	SS2 ----	+ 002B	; 003B	ഷ 0D37	ഓ 0D57	k 006B	
1	1	0	0	C		ച 0D1B	, 002C	ൺ 0D23	ശ 0D36	ൊ 0D4A	l 006C	
1	1	0	1	D	CR 000D	ജ 0D1C	ന 0D28	പ 0D2A	റ 0D39	ോ 0D4B	m 006D	
1	1	1	0	E	എ 0D0E	ര 0D1D	. 002E	ഫ 0D2B		ഓ 0D4C	n 006E	
1	1	1	1	F	ഏ 0D0F	ൺ 0D1E	/ 002F	? 003F	ഓ 0D4E	ഓ 0D4D	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. When splitting a message text into submessages, there must be no cut right after an SS3.

SS2: SINGLE SHIFT TWO; This code shifts the next 7-bit code unit to refer to an extension of this table (subclause A.4.18.2).

0D4D: MALAYALAM SIGN VIRAMA: This is a control character for forming conjuncts. If the display font does not support the requested conjunct, U+0D4D is a combining character with nominal glyph.

A.4.18.2 SMS/CBS 7-bit Malayalam Alphabet (0x18) 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	൪ 0D6A	൪ 0D60	 007C	P 0050	¼ 00BC	△ 26A0
0	0	0	1	1	£ 00A3	= 003D	൫ 0D6B	൫ 0D61	A 0041	Q 0051	½ 00BD	∞ 221E
0	0	1	0	2	\$ 0024	> 003E	൬ 0D6C	൭ 0D44	B 0042	R 0052	¾ 00BE	² 00B2
0	0	1	1	3	¥ 00A5	₹ 20B9	൭ 0D6D	൭ 0D63	C 0043	S 0053	“ 201C	³ 00B3
0	1	0	0	4	§ 00A7	^ 005E	൮ 0D6E		D 0044	T 0054	” 201D	∫ 0D3D
0	1	0	1	5	" 0022		൯ 0D6F		E 0045	U 0055	▯ 00A4	ൺ 0D7F
0	1	1	0	6	€ 20AC				F 0046	V 0056	Ω 03A9	
0	1	1	1	7	% 0025	(0028			G 0047	W 0057	μ 03BC	
1	0	0	0	8	& 0026) 0029	{ 007B		H 0048	X 0058	° 00B0	൯ 0D7B
1	0	0	1	9	' 0027	 0964	} 007D	൯ 0D79	I 0049	Y 0059	× 00D7	൯ 0D7A
1	0	1	0	A	FF 000C	 0965	൯ 0D67,2044,0D6A	≈ 2248	J 004A	Z 005A	÷ 00F7	൯ 0D7C
1	0	1	1	B	- 2212	SS3 ----	൯ 0D67,2044,0D68	≠ 2260	K 004B		± 00B1	൯ 0D7D
1	1	0	0	C	! 0021	◌ 0D66	൯ 0D69,2044,0D6A	[005B	L 004C		‰ 2030	൯ 0D7E
1	1	0	1	D	CSI 009B	൮ 0D67	≤ 2A7D	~ 007E	M 004D	൮ 0D70	« 00AB	൯ 0D54
1	1	1	0	E	- 002D	൮ 0D68	≥ 2A7E] 005D	N 004E	൬ 0D71	» 00BB	൯ 0D55
1	1	1	1	F	൯ 0D29	൮ 0D69	\ 005C	· 00B7	O 004F	൯ 0D72	' 2019	൯ 0D56

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.