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	ഁ 0D01	ഐ 0D10	**SP** 0020	0 0030	ബ 0D2C	ാ 0D3E	ഺ 0D3A	p 0070
0	0	0	1	1	ം 0D02	_ 005F	ത 0D24	1 0031	ഭ 0D2D	ി 0D3F	a 0061	q 0071
0	0	1	0	2	ഃ 0D03	ഒ 0D12	ട 0D1F	2 0032	മ 0D2E	ീ 0D40	b 0062	r 0072
0	0	1	1	3	അ 0D05	ഓ 0D13	# 0023	3 0033	യ 0D2F	ു 0D41	c 0063	s 0073
0	1	0	0	4	ആ 0D06	ഔ 0D14	ഥ 0D25	4 0034	ര 0D30	ൂ 0D42	d 0064	t 0074
0	1	0	1	5	ഇ 0D07	ക 0D15	ഠ 0D20	5 0035	റ 0D31	ൃ 0D43	e 0065	u 0075
0	1	1	0	6	ഈ 0D08	ഖ 0D16	ഡ 0D26	6 0036	ല 0D32	ൢ 0D62	f 0066	v 0076
0	1	1	1	7	ഉ 0D09	ഗ 0D17	ഢ 0D21	7 0037	ള 0D33		g 0067	w 0077
1	0	0	0	8	ഊ 0D0A	ഘ 0D18	ണ 0D27	8 0038	ഴ 0D34	െ 0D46	h 0068	x 0078
1	0	0	1	9	ഋ 0D0B	ങ 0D19	ഩ 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	ഌ 0D0C	**SS2** ----	+ 002B	; 003B	ഷ 0D37	ൗ 0D57	k 006B	
1	1	0	0	C		ഛ 0D1B	, 002C	ണ 0D23	ശ 0D36	ൊ 0D4A	l 006C	
1	1	0	1	D	**CR** 000D	ജ 0D1C	ന 0D28	പ 0D2A	ഹ 0D39	ോ 0D4B	m 006D	
1	1	1	0	E	എ 0D0E	ഝ 0D1D	. 002E	ഫ 0D2B		ൌ 0D4C	n 006E	
1	1	1	1	F	ഏ 0D0F	ഞ 0D1E	/ 002F	? 003F	ഄ 0D4E	് 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). (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.

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	ർ 0D6A	ൠ 0D60	| 007C	P 0050	¼ 00BC	⚠ 26A0
0	0	0	1	1	£ 00A3	= 003D	൫ 0D6B	ൡ 0D61	A 0041	Q 0051	½ 00BD	∞ 221E
0	0	1	0	2	$ 0024	> 003E	൬ 0D6C	◌ൄ 0D44	B 0042	R 0052	¾ 00BE	² 00B2
0	0	1	1	3	¥ 00A5	₹ 20B9	൭ 0D6D	ൣ 0D63	C 0043	S 0053	" 201C	³ 00B3
0	1	0	0	4	§ 00A7	^ 005E	൮ 0D6E		D 0044	T 0054	" 201D	ഽ 0D3D
0	1	0	1	5	" 0022		൯ 0D6F		E 0045	U 0055	¤ 00A4	ൿ 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	ൻ 0D7B
1	0	0	1	9	' 0027	। 0964	} 007D	൹ 0D79	I 0049	Y 0059	× 00D7	ൺ 0D7A
1	0	1	0	A	**FF** 000C	॥ 0965	൧ർ 0D67,2044,0D6A	≈ 2248	J 004A	Z 005A	÷ 00F7	ർ 0D7C
1	0	1	1	B	– 2212	**SS3** ----	൧ൈ 0D67,2044,0D68	≠ 2260	K 004B		± 00B1	ൽ 0D7D
1	1	0	0	C	! 0021	൦ 0D66	൩ർ 0D69,2044,0D6A	[005B	L 004C		‰ 2030	ൾ 0D7E
1	1	0	1	D	**CSI** 009B	൧ 0D67	⩽ 2A7D	~ 007E	M 004D	൰ 0D70	« 00AB	ൔ 0D54
1	1	1	0	E	- 002D	൨ 0D68	⩾ 2A7E	] 005D	N 004E	൱ 0D71	» 00BB	ൕ 0D55
1	1	1	1	F	ഩ 0D29	൩ 0D69	\ 005C	· 00B7	O 004F	൲ 0D72	' 2019	ൖ 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 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.