

A.4.1C SMS/CBS 7-bit Telugu Alphabet (0x1C)

A.4.1C.1 SMS/CBS 7-bit Telugu Alphabet (0x1C) 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	౦ 0C00	ఐ 0C10	SP 0020	౦ 0030	బ 0C2C	౧ 0C3E	౦౯ 0C01	p 0070
0	0	0	1	1	౧౦ 0C02	౧౧ 005F	త 0C24	1 0031	భ 0C2D	౧౧ 0C3F	a 0061	q 0071
0	0	1	0	2	౧౦౦ 0C03	౧౦౧ 0C12	౧౦౨ 0C1F	2 0032	మ 0C2E	౧౦౩ 0C40	b 0062	r 0072
0	0	1	1	3	౧౦౦౦ 0C05	౧౦౦౧ 0C13	# 0023	3 0033	య 0C2F	౧౦౦౨ 0C41	c 0063	s 0073
0	1	0	0	4	౧౦౦౦౦ 0C06	౧౦౦౦౧ 0C14	౧౦౦౦౨ 0C25	4 0034	ర 0C30	౧౦౦౦౩ 0C42	d 0064	t 0074
0	1	0	1	5	౧౦౦౦౦౦ 0C07	౧౦౦౦౦౧ 0C15	౧౦౦౦౦౨ 0C20	5 0035	అ 0C31	౧౦౦౦౦౩ 0C43	e 0065	u 0075
0	1	1	0	6	౧౦౦౦౦౦౦ 0C08	౧౦౦౦౦౦౧ 0C16	౧౦౦౦౦౦౨ 0C26	6 0036	ల 0C32	౧౦౦౦౦౦౩ 0C62	f 0066	v 0076
0	1	1	1	7	౧౦౦౦౦౦౦౦ 0C09	౧౦౦౦౦౦౦౧ 0C17	౧౦౦౦౦౦౦౨ 0C21	7 0037	ళ 0C33	౧౦౦౦౦౦౦౩ 0C56	g 0067	w 0077
1	0	0	0	8	౧౦౦౦౦౦౦౦౦ 0C0A	౧౦౦౦౦౦౦౦౧ 0C18	౧౦౦౦౦౦౦౦౨ 0C27	8 0038	ఱ 0C34	౧౦౦౦౦౦౦౦౩ 0C46	h 0068	x 0078
1	0	0	1	9	౧౦౦౦౦౦౦౦౦౦ 0C0B	౧౦౦౦౦౦౦౦౦౧ 0C19	౧౦౦౦౦౦౦౦౦౨ 0C22	9 0039	వ 0C35	౧౦౦౦౦౦౦౦౦౩ 0C47	i 0069	y 0079
1	0	1	0	A	LF 000A	చ 0C1A	* 002A	: 003A	స 0C38	౧౦౦౦౦౦౦౦౦౦౩ 0C48	j 006A	z 007A
1	0	1	1	B	౧౦౦౦౦౦౦౦౦౦౦ 0C0C	SS2 ----	+ 002B	; 003B	ష 0C37	౧౦౦౦౦౦౦౦౦౦౦౩ 0C55	k 006B	
1	1	0	0	C		చ 0C1B	, 002C	ఱ 0C23	శ 0C36	౧౦౦౦౦౦౦౦౦౦౦౦౩ 0C4A	l 006C	
1	1	0	1	D	CR 000D	జ 0C1C	న 0C28	ప 0C2A	హ 0C39	౧౦౦౦౦౦౦౦౦౦౦౦౦౩ 0C4B	m 006D	
1	1	1	0	E	౧౦౦౦౦౦౦౦౦౦౦౦౦ 0C0E	౧౦౦౦౦౦౦౦౦౦౦౦౦౧ 0C1D	౧౦౦౦౦౦౦౦౦౦౦౦౦౨ 002E	౧౦౦౦౦౦౦౦౦౦౦౦౦౩ 0C2B	౧౦౦౦౦౦౦౦౦౦౦౦౦౦౩ 0C3C	౧౦౦౦౦౦౦౦౦౦౦౦౦౦౦౩ 0C4C	n 006E	
1	1	1	1	F	౧౦౦౦౦౦౦౦౦౦౦౦౦౦౦ 0C0F	౧౦౦౦౦౦౦౦౦౦౦౦౦౦౦౧ 0C1E	/ 002F	? 003F		౧౦౦౦౦౦౦౦౦౦౦౦౦౦౦౦౦౩ 0C4D	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.4.1C.2).

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

0C4D TELUGU SIGN VIRAMA: This is a control character for forming conjuncts. If the display font does not support the requested conjunct, U+0C4D is a combining character with nominal glyph. In Telugu, conjuncts are often formed by using a subscript form of the second consonant.

A.4.1C.2 SMS/CBS 7-bit Telugu Alphabet (0x1C) 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	౪ 0C6A	ఋ 0C60	 007C	P 0050	¼ 00BC	△ 26A0
0	0	0	1	1	£ 00A3	= 003D	౪ 0C6B	ౠ 0C61	A 0041	Q 0051	½ 00BD	∞ 221E
0	0	1	0	2	\$ 0024	> 003E	₹ 0C6C	ౠౠ 0C44	B 0042	R 0052	¾ 00BE	² 00B2
0	0	1	1	3	¥ 00A5	₹ 20B9	ౠ 0C6D	ౠౠౠ 0C63	C 0043	S 0053	“ 201C	³ 00B3
0	1	0	0	4	§ 00A7	^ 005E	ౠ 0C6E		D 0044	T 0054	” 201D	ˆ 0C3D
0	1	0	1	5	" 0022		ౠ 0C6F		E 0045	U 0055	¤ 00A4	ఁ 0C58
0	1	1	0	6	€ 20AC	© 0C77			F 0046	V 0056	Ω 03A9	ఌ 0C59
0	1	1	1	7	% 0025	(0028			G 0047	W 0057	μ 03BC	఍ 0C5A
1	0	0	0	8	& 0026) 0029	{ 007B		H 0048	X 0058	° 00B0	₹ 0C5D
1	0	0	1	9	' 0027	 0964	} 007D		I 0049	Y 0059	× 00D7	
1	0	1	0	A	FF 000C	 0965	ౠౠౠ 0C67,2044,0C6A	≈ 2248	J 004A	Z 005A	÷ 00F7	
1	0	1	1	B	- 2212	SS3 ----	ౠౠౠౠ 0C67,2044,0C68	≠ 2260	K 004B		± 00B1	
1	1	0	0	C	! 0021	○ 0C66	ౠౠౠ 0C69,2044,0C6A	[005B	L 004C		‰ 2030	
1	1	0	1	D	CSI 009B	○ 0C67	≤ 2A7D	~ 007E	M 004D		« 00AB	
1	1	1	0	E	- 002D	ౠ 0C68	≥ 2A7E] 005D	N 004E		» 00BB	
1	1	1	1	F		3 0C69	\ 005C	· 00B7	O 004F		' 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.