

A.4.14 SMS/CBS 7-bit Bengali/Bangla Alphabet (0x14)

A.4.14.1 SMS/CBS 7-bit Bengali/Bangla Alphabet (0x14) 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	ঁ 0981	ঐ 0990	SP 0020	0 0030	ব 09AC	া 09BE		p 0070
0	0	0	1	1	ং 0982	ু 005F	ত 09A4	1 0031	ভ 09AD	ি 09BF	a 0061	q 0071
0	0	1	0	2	ঃ 0983		ট 099F	2 0032	ম 09AE	ী 09C0	b 0062	r 0072
0	0	1	1	3	অ 0985	ও 0993	# 0023	3 0033	য 09AF	ু 09C1	c 0063	s 0073
0	1	0	0	4	আ 0986	ঔ 0994	থ 09A5	4 0034	র 09B0	ূ 09C2	d 0064	t 0074
0	1	0	1	5	ই 0987	ক 0995	ঠ 09A0	5 0035		্ 09C3	e 0065	u 0075
0	1	1	0	6	ঈ 0988	খ 0996	দ 09A6	6 0036	ল 09B2	ু 09E2	f 0066	v 0076
0	1	1	1	7	উ 0989	গ 0997	ড 09A1	7 0037			g 0067	w 0077
1	0	0	0	8	ঊ 098A	ঘ 0998	ধ 09A7	8 0038		ে 09C7	h 0068	x 0078
1	0	0	1	9	ঋ 098B	ঙ 0999	ঢ 09A2	9 0039			i 0069	y 0079
1	0	1	0	A	LF 000A	চ 099A	* 002A	: 003A	স 09B8	ৈ 09C8	j 006A	z 007A
1	0	1	1	B	ৎ 098C	SS2 ----	+ 002B	; 003B	ষ 09B7	ী 09D7	k 006B	
1	1	0	0	C		ছ 099B	, 002C	ণ 09A3	শ 09B6		l 006C	
1	1	0	1	D	CR 000D	জ 099C	ন 09A8	প 09AA	হ 09B9	ো 09CB	m 006D	
1	1	1	0	E	এ 098F	বা 099D	. 002E	ফ 09AB	় 09BC	ৌ 09CC	n 006E	□ 09FD
1	1	1	1	F		ঞ 099E	/ 002F	? 003F		্ 09CD	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.4.14.2).

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

09CD BENGALI SIGN VIRAMA: This is a control character for forming conjuncts. If the display font does not support the requested conjunct, U+09CD is a combining character with nominal glyph.

A.4.14.2 SMS/CBS 7-bit Bengali/Bangla Alphabet (0x14) 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	৪ 09EA	ঋ 09E0	 007C	P 0050	¼ 00BC	△ 26A0	
0	0	0	1	1	£ 00A3	= 003D	৫ 09EB	ঋ 09E1	A 0041	Q 0051	½ 00BD	∞ 221E	
0	0	1	0	2	\$ 0024	> 003E	৬ 09EC	ৗ 09C4	B 0042	R 0052	¾ 00BE	² 00B2	
0	0	1	1	3	¥ 00A5	₹ 20B9	৭ 09ED	৓ 09E3	C 0043	S 0053	“ 201C	³ 00B3	
0	1	0	0	4	§ 00A7	^ 005E	৮ 09EE		D 0044	T 0054	” 201D	৳ 09BD	
0	1	0	1	5	" 0022	৳ 09F3	৯ 09EF		E 0045	U 0055	¤ 00A4	৴ 09F0	
0	1	1	0	6	€ 20AC	□ 0980			F 0046	V 0056	Ω 03A9	৵ 09F1	
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		
1	0	0	1	9	' 0027	 0964	} 007D		I 0049	Y 0059	× 00D7		
1	0	1	0	A	FF 000C	 0965	৺৪ 09E7,2044,09EA	≈ 2248	J 004A	Z 005A	÷ 00F7		
1	0	1	1	B	- 2212	SS3 ----	৺৳ 09E7,2044,09E8	≠ 2260	K 004B		± 00B1	৴ 09CE	
1	1	0	0	C	! 0021	◌ 09E6	৺৪ 09E9,2044,09EA	[005B	L 004C		‰ 2030		
1	1	0	1	D	CSI 009B	৺ 09E7	≤ 2A7D	~ 007E	M 004D		« 00AB		
1	1	1	0	E	- 002D	৺ 09E8	≥ 2A7E] 005D	N 004E		» 00BB		
1	1	1	1	F		৺ 09E9	\ 005C	· 00B7	O 004F		' 2019	৺ 09FA	

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.