

A.4.15 SMS/CBS 7-bit Gujarati Alphabet (0x15)

A.4.15.1 SMS/CBS 7-bit Gujarati Alphabet (0x15) 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	ૐ 0A81	ઐ 0A90	SP 0020	૦ 0030	અ 0AAC	ૌ 0ABE	ૐ 0AD0	p 0070
0	0	0	1	1	ૐ 0A82	— 005F	ૢ 0AA4	1 0031	ૃ 0AAD	િ 0ABF	a 0061	q 0071
0	0	1	0	2	ઃ 0A83		ૃ 0A9F	2 0032	૫ 0AAE	ી 0AC0	b 0062	r 0072
0	0	1	1	3	અ 0A85	અી 0A93	# 0023	3 0033	૫ 0AAF	ૃ 0AC1	c 0063	s 0073
0	1	0	0	4	અી 0A86	અી 0A94	૫ 0AA5	4 0034	ૃ 0AB0	ૃ 0AC2	d 0064	t 0074
0	1	0	1	5	ઇ 0A87	ફ 0A95	૬ 0AA0	5 0035		ૃ 0AC3	e 0065	u 0075
0	1	1	0	6	ઈ 0A88	બ 0A96	૬ 0AA6	6 0036	૫ 0AB2	ૃ 0AE2	f 0066	v 0076
0	1	1	1	7	ઊ 0A89	ઝ 0A97	૬ 0AA1	7 0037	૫ 0AB3	ૐ 0AC5	g 0067	w 0077
1	0	0	0	8	ઊ 0A8A	ઘ 0A98	૫ 0AA7	8 0038		ૐ 0AC7	h 0068	x 0078
1	0	0	1	9	ઝ 0A8B	૬ 0A99	૬ 0AA2	9 0039	૫ 0AB5		i 0069	y 0079
1	0	1	0	A	LF 000A	૫ 0A9A	* 002A	: 003A	૫ 0AB8	ૐ 0AC8	j 006A	z 007A
1	0	1	1	B	ૃ 0A8C	SS2 ----	+ 002B	; 003B	૫ 0AB7	ૐ 0AC9	k 006B	
1	1	0	0	C	અ 0A8D	ઇ 0A9B	, 002C	૫ 0AA3	૫ 0AB6		l 006C	
1	1	0	1	D	CR 000D	જ 0A9C	૫ 0AA8	૫ 0AAA	૫ 0AB9	ૐ 0ACB	m 006D	
1	1	1	0	E	અ 0A8F	ઝ 0A9D	. 002E	ફ 0AAB	ૐ 0ABC	ૐ 0ACC	n 006E	o 0AF0
1	1	1	1	F		ઝ 0A9E	/ 002F	? 003F		ૐ 0ACD	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.4.15.2). (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.

0ACD: GUJARATI SIGN VIRAMA: This is a control character for forming conjuncts. If the display font does not support the requested conjunct, U+0ACD is a combining character with nominal glyph. In Gujarati, conjuncts are often formed by using the half form of the first consonant, which also may be used final consonants.

A.4.15.2 SMS/CBS 7-bit Gujarati Alphabet (0x15) 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	૪ 0AEA	ઋ 0AE0	 007C	P 0050	¼ 00BC	Δ 26A0
0	0	0	1	1	£ 00A3	= 003D	૫ 0AEB	ૠ 0AE1	A 0041	Q 0051	½ 00BD	∞ 221E
0	0	1	0	2	\$ 0024	> 003E	૬ 0AEC	ૡ 0AC4	B 0042	R 0052	¾ 00BE	² 00B2
0	0	1	1	3	¥ 00A5	₹ 20B9	૭ 0AED	ૢ 0AE3	C 0043	S 0053	“ 201C	³ 00B3
0	1	0	0	4	§ 00A7	^ 005E	૮ 0AEE		D 0044	T 0054	” 201D	₪ 0ABD
0	1	0	1	5	" 0022	૳ 0AF1	૯ 0AEF		E 0045	U 0055	▯ 00A4	
0	1	1	0	6	€ 20AC				F 0046	V 0056	Ω 03A9	૪૧ 0A91
0	1	1	1	7	% 0025	(0028			G 0047	W 0057	μ 03BC	□ 0AF9
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	□ 0AFD
1	0	1	0	A	FF 000C	 0965	૧૪ 0AE7,2044,0AEA	≈ 2248	J 004A	Z 005A	÷ 00F7	□ 0AFE
1	0	1	1	B	- 2212	SS3 ----	૧૨ 0AE7,2044,0AE8	≠ 2260	K 004B		± 00B1	□ 0AFF
1	1	0	0	C	! 0021	◦ 0AE6	૩૪ 0AE9,2044,0AEA	[005B	L 004C		‰ 2030	
1	1	0	1	D	CSI 009B	૧ 0AE7	≤ 2A7D	~ 007E	M 004D		« 00AB	□ 0AFB
1	1	1	0	E	- 002D	૨ 0AE8	≥ 2A7E] 005D	N 004E		» 00BB	□ 0AFC
1	1	1	1	F		૩ 0AE9	\ 005C	· 00B7	O 004F		' 2019	□ 0AFA

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.