

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

A.4.15.1 SMS/CBS 7-bit Gujarati Alphabet (0x15) base table

b4	b3	b2	b1		0	1	2	3	4	5	6	7	
0	0	0	0	0	ଓ 0A81	ঔ 0A90	SP 0020	0 0030	ঁ 0AAC	ঁ 0ABE	ঁ 0AD0	p 0070	
0	0	0	1	1	ଓ 0A82	ঁ 005F	ঁ 0AA4	1 0031	ঁ 0AAD	ঁ 0ABF	a 0061	q 0071	
0	0	1	0	2	ঁ 0A83		২ 0A9F	2 0032	৮ 0AAE	ৰ 0AC0	b 0062	r 0072	
0	0	1	1	3	ঁ 0A85	ঁ 0A93	# 0023	3 0033	ঁ 0AAF	ঁ 0AC1	c 0063	s 0073	
0	1	0	0	4	ঁ 0A86	ঁ 0A94	থ 0AA5	4 0034	ৰ 0AB0	ৰ 0AC2	d 0064	t 0074	
0	1	0	1	5	ঁ 0A87	ঁ 0A95	৯ 0AA0	5 0035		ৰ 0AC3	e 0065	u 0075	
0	1	1	0	6	ঁ 0A88	ঁ 0A96	ঁ 0AA6	6 0036	ৰ 0AB2	ৰ 0AE2	f 0066	v 0076	
0	1	1	1	7	ঁ 0A89	ঁ 0A97	৯ 0AA1	7 0037	ৰ 0AB3	ৰ 0AC5	g 0067	w 0077	
1	0	0	0	8	ঁ 0A8A	ঁ 0A98	৪ 0AA7	8 0038		ৰ 0AC7	h 0068	x 0078	
1	0	0	1	9	ঁ 0A8B	ঁ 0A99	৯ 0AA2	9 0039	ৰ 0AB5		i 0069	y 0079	
1	0	1	0	A	LF 000A	ঁ 0A9A	*	:	স 0AB8	ৰ 0AC8	j 006A	z 007A	
1	0	1	1	B	ঁ 0A8C	SS2 ----	+	;	ৰ 0AB7	ৰ 0AC9	k 006B		
1	1	0	0	C	ঁ 0A8D	ঁ 0A9B	,	ঁ 0AA3	শ 0AB6		l 006C		
1	1	0	1	D	CR 000D	ঁ 0A9C	ন 0AA8	প 0AAA	ৰ 0AB9	ৰ 0ACB	m 006D		
1	1	1	0	E	ঁ 0A8F	ঁ 0A9D	.	ঁ 0AAB	ৰ 0ABC	ৰ 0ACC	n 006E	o 0AF0	
1	1	1	1	F		ঁ 0A9F	ঁ 002F	?		ৰ 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+FFED).

LF: LINE FEED: moves to the next line (with implied carriage return).

LINE FILLER, 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.

Note though that <SS2,CR> is actually CSI (see next table), and that CR is not a filler, nor ET.
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 WHICH splitting a message text into submessages, there must be no cut right after an U+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
0	0	0	0	0	@ 0040	< 003C	ય 0AEA	ાર 0AE0	 007C
0	0	0	1	1	૮ 00A3	= 003D	૫ 0AEB	૮૯ 0AE1	ા 0041
0	0	1	0	2	૯ 0024	> 003E	૬ 0AEC	૭૦ 0AC4	બ 0042
0	0	1	1	3	૰ 00A5	૰ 20B9	૯ 0AED	૧૦ 0AE3	સ 0043
0	1	0	0	4	૳ 00A7	^ 005E	૮ 0AEE		ડ 0044
0	1	0	1	5	" 0022	૩૦ 0AF1	૮ 0AEF		ઉ 0045
0	1	1	0	6	૯ 20AC				વ 0046
0	1	1	1	7	% 0025	(0028			ગ 0047
1	0	0	0	8	& 0026) 0029	{ 007B		હ 0048
1	0	0	1	9	' 0027	 0964	} 007D		િ 0049
1	0	1	0	A	FF 000C	॥ 0965	૧૪ 0AE7,2044,0AEA	૨૨૪૮ 2248	જ 004A
1	0	1	1	B	- 2212	૧૮ ----	૧૯ 0AE7,2044,0AE8	૨૨૬૦ 2260	ક 004B
1	1	0	0	C	! 0021	૦ 0AE6	૩૪ 0AE9,2044,0AEA	[005B	લ 004C
1	1	0	1	D	CSI 009B	૧ 0AE7	૮૮ 2A7D	~ 007E	મ 004D
1	1	1	0	E	- 002D	૨ 0AE8	૨૧ 2A7E] 005D	ન 004E
1	1	1	1	F		૩ 0AE9	૯ 005C	.	૦ 004F

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.