

## A.4.19 SMS/CBS 7-bit Oriya/Odia Alphabet (0x19)

### A.4.19.1 SMS/CBS 7-bit Oriya/Odia Alphabet (0x19) base table

				<b>b7</b>	0	0	0	0	1	1	1	1
				<b>b6</b>	0	0	1	1	0	0	1	1
				<b>b5</b>	0	1	0	1	0	1	0	1
<b>b4</b>	<b>b3</b>	<b>b2</b>	<b>b1</b>		<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
0	0	0	0	<b>0</b>	୦ 0B01	ଂ 0B10	SP 0020	୦ 0030	୧ 0B2C	୦ 0B3E		p 0070
0	0	0	1	<b>1</b>	୧ 0B02	ଂ 005F	୧ 0B24	1 0031	୧ 0B2D	୦ 0B3F	a 0061	q 0071
0	0	1	0	<b>2</b>	୧ 0B03		୧ 0B1F	2 0032	୧ 0B2E	୦ 0B40	b 0062	r 0072
0	0	1	1	<b>3</b>	୧ 0B05	୧ 0B13	# 0023	3 0033	୧ 0B2F	୧ 0B41	c 0063	s 0073
0	1	0	0	<b>4</b>	୧ 0B06	୧ 0B14	୧ 0B25	4 0034	୧ 0B30	୧ 0B42	d 0064	t 0074
0	1	0	1	<b>5</b>	୧ 0B07	୧ 0B15	୦ 0B20	5 0035		୧ 0B43	e 0065	u 0075
0	1	1	0	<b>6</b>	୧ 0B08	୧ 0B16	୧ 0B26	6 0036	୧ 0B32	୧ 0B62	f 0066	v 0076
0	1	1	1	<b>7</b>	୧ 0B09	୧ 0B17	୧ 0B21	7 0037	୧ 0B33	୧ 0B56	g 0067	w 0077
1	0	0	0	<b>8</b>	୧ 0B0A	୧ 0B18	୧ 0B27	8 0038		୧ 0B47	h 0068	x 0078
1	0	0	1	<b>9</b>	୧ 0B0B	୧ 0B19	୧ 0B22	9 0039	୧ 0B35		i 0069	y 0079
1	0	1	0	<b>A</b>	LF 000A	୧ 0B1A	* 002A	: 003A	୧ 0B38	୧ 0B48	j 006A	z 007A
1	0	1	1	<b>B</b>	୧ 0B0C	SS2 ----	+ 002B	; 003B	୧ 0B37	୧ 0B57	k 006B	
1	1	0	0	<b>C</b>		୧ 0B1B	, 002C	୧ 0B23	୧ 0B36		l 006C	
1	1	0	1	<b>D</b>	CR 000D	୧ 0B1C	୧ 0B28	୧ 0B2A	୧ 0B39	୧ 0B4B	m 006D	
1	1	1	0	<b>E</b>	୧ 0B0F	୧ 0B1D	. 002E	୧ 0B2B	୧ 0B3C	୧ 0B4C	n 006E	
1	1	1	1	<b>F</b>		୧ 0B1E	/ 002F	? 003F		୧ 0B4D	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.4.19.2).

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

U+0B4D: ORIYA SIGN VIRAMA: This is a control character for forming conjuncts. If the display font does not support the requested conjunct, U+0B4D is a combining character with nominal glyph.

# A.4.19.2 SMS/CBS 7-bit Oriya/Odia Alphabet (0x19) extension (SS2) table

				<b>b7</b>	<b>b6</b>	<b>b5</b>							
<b>b4</b>	<b>b3</b>	<b>b2</b>	<b>b1</b>		<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	
0	0	0	0	0	@ 0040	< 003C	୪ 0B6A	୪ 0B60	 007C	P 0050	¼ 00BC	△ 26A0	
0	0	0	1	1	£ 00A3	= 003D	୫ 0B6B	୫ 0B61	A 0041	Q 0051	½ 00BD	∞ 221E	
0	0	1	0	2	\$ 0024	> 003E	୨ 0B6C	୨ 0B44	B 0042	R 0052	¾ 00BE	² 00B2	
0	0	1	1	3	¥ 00A5	₹ 20B9	୭ 0B6D	୭ 0B63	C 0043	S 0053	“ 201C	³ 00B3	
0	1	0	0	4	§ 00A7	^ 005E	Γ 0B6E		D 0044	T 0054	” 201D	ξ 0B3D	
0	1	0	1	5	" 0022		℄ 0B6F		E 0045	U 0055	¤ 00A4		
0	1	1	0	6	€ 20AC				F 0046	V 0056	Ω 03A9		
0	1	1	1	7	% 0025	( 0028		𑌀 0B5F	G 0047	W 0057	μ 03BC		
1	0	0	0	8	& 0026	) 0029	{ 007B	𑌁 0B71	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	୧୪ 0B67,2044,0B6A	≈ 2248	J 004A	Z 005A	÷ 00F7		
1	0	1	1	B	- 2212	SS3 ----	୧୨ 0B67,2044,0B68	≠ 2260	K 004B		± 00B1		
1	1	0	0	C	! 0021	◦ 0B66	୩୪ 0B69,2044,0B6A	[ 005B	L 004C		‰ 2030		
1	1	0	1	D	CSI 009B	୧ 0B67	≤ 2A7D	~ 007E	M 004D		« 00AB		
1	1	1	0	E	- 002D	୨ 0B68	≥ 2A7E	] 005D	N 004E		» 00BB		
1	1	1	1	F		୩ 0B69	\ 005C	· 00B7	O 004F		' 2019	୯ 0B70	

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 LINE FEED (with implied carriage return).

CSI: CONTROL SEQUENCE INTRODUCER; enables decimal character references, enables styling.

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.