

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

				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	୦ 0B01	୧ୟ 0B10	୨ୟ SP 0020	୦ 0030	୩ୟ 0B2C	୫ୟ 0B3E		p 0070
0	0	0	1	1	୦୦ 0B02	ୠ୮ 005F	୭ୟ 0B24	୧ 0031	୭ୟ 0B2D	୮ୟ 0B3F	a 0061	q 0071
0	0	1	0	2	୦୮ 0B03		୯ୟ 0B1F	୨ 0032	୯ୟ 0B2E	୧ୟ 0B40	b 0062	r 0072
0	0	1	1	3	୨ୟ 0B05	୩ୟ 0B13	# 0023	୩ 0033	୧ୟ 0B2F	୧ୟ 0B41	c 0063	s 0073
0	1	0	0	4	୨ୟ 0B06	୩ୟ 0B14	୨ୟ 0B25	୪ 0034	୧ୟ 0B30	୧ୟ 0B42	d 0064	t 0074
0	1	0	1	5	୯ୟ 0B07	୯ୟ 0B15	୦ୟ 0B20	୫ 0035		୧ୟ 0B43	e 0065	u 0075
0	1	1	0	6	୯ୟ 0B08	୯ୟ 0B16	୬ୟ 0B26	୬ 0036	୯ୟ 0B32	୧ୟ 0B62	f 0066	v 0076
0	1	1	1	7	୭ୟ 0B09	୯ୟ 0B17	୭ୟ 0B21	୭ 0037	୯ୟ 0B33	୮ୟ 0B56	g 0067	w 0077
1	0	0	0	8	୭ୟ 0B0A	୯ୟ 0B18	୧ୟ 0B27	୮ 0038		୧ୟ 0B47	h 0068	x 0078
1	0	0	1	9	୭ୟ 0B0B	୧ୟ 0B19	୭ୟ 0B22	୨ 0039	୭ୟ 0B35		i 0069	y 0079
1	0	1	0	A	୨ୟ LF 000A	୧ୟ 0B1A	*	:	୧ୟ 0B38	୧ୟ 0B48	j 006A	z 007A
1	0	1	1	B	୧ୟ 0B0C	୨ୟ SS2 ----	୧ୟ 002B	;	୧ୟ 0B37	୧ୟ 0B57	k 006B	
1	1	0	0	C		୧ୟ 0B1B	,	୧ୟ 0B23	୧ୟ 0B36		l 006C	
1	1	0	1	D	୨ୟ CR 000D	୧ୟ 0B1C	୧ୟ 0B28	୧ୟ 0B2A	୧ୟ 0B39	୧ୟ 0B4B	m 006D	
1	1	1	0	E	୧ୟ 0B0F	୧ୟ 0B1D	.	୧ୟ 0B2B	୧ୟ 0B3C	୧ୟ 0B4C	n 006E	
1	1	1	1	F		୧ୟ 0B1E	/	?		୧ୟ 0B4D	୧ୟ 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

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+FFFF).

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: station which does not have pagination shall treat it as a LINE FEED (with implied carriage return) CONTROL SEQUENCE INTRODUCER enables decimal character references, enables styling

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 or ZWJ, as in `\frac{1}{2}`. To convert a message text into submessages, there must be no C2 right after an S33.