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	ଁ 0B01	ଐ 0B10	**SP** 0020	0 0030	ବ 0B2C	ା 0B3E		p 0070
0	0	0	1	1	ଂ 0B02	_ 005F	ତ 0B24	1 0031	ଭ 0B2D	ି 0B3F	a 0061	q 0071
0	0	1	0	2	ଃ 0B03		ଟ 0B1F	2 0032	ମ 0B2E	ୀ 0B40	b 0062	r 0072
0	0	1	1	3	ଅ 0B05	ଓ 0B13	# 0023	3 0033	ଯ 0B2F	ୁ 0B41	c 0063	s 0073
0	1	0	0	4	ଆ 0B06	ଔ 0B14	ଥ 0B25	4 0034	ର 0B30	ୂ 0B42	d 0064	t 0074
0	1	0	1	5	ଇ 0B07	କ 0B15	O 0B20	5 0035		ୃ 0B43	e 0065	u 0075
0	1	1	0	6	ଈ 0B08	ଖ 0B16	ଦ 0B26	6 0036	ଲ 0B32	ୢ 0B62	f 0066	v 0076
0	1	1	1	7	ଉ 0B09	ଗ 0B17	ଡ 0B21	7 0037	ଳ 0B33	ୖ 0B56	g 0067	w 0077
1	0	0	0	8	ଊ 0B0A	ଘ 0B18	ଧ 0B27	8 0038		େ 0B47	h 0068	x 0078
1	0	0	1	9	ଋ 0B0B	ଙ 0B19	ନ 0B22	9 0039	ଵ 0B35		i 0069	y 0079
1	0	1	0	A	**LF** 000A	ଚ 0B1A	* 002A	: 003A	ଶ 0B38	ୈ 0B48	j 006A	z 007A
1	0	1	1	B	ଌ 0B0C	**SS2** ----	+ 002B	; 003B	ଷ 0B37	ୗ 0B57	k 006B	
1	1	0	0	C		ଛ 0B1B	, 002C	ଣ 0B23	ଶ 0B36		l 006C	
1	1	0	1	D	**CR** 000D	ଜ 0B1C	ନ 0B28	ପ 0B2A	ହ 0B39	ୋ 0B4B	m 006D	
1	1	1	0	E	ଏ 0B0F	ଝ 0B1D	. 002E	ଫ 0B2B	଼ 0B3C	ୌ 0B4C	n 006E	
1	1	1	1	F		ଞ 0B1E	/ 002F	? 003F		୍ 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 (se 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). (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.

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

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	@ 0040	< 003C	଼ 0B6A	ୠ 0B60	| 007C	P 0050	¼ 00BC	⚠ 26A0
0	0	0	1	£ 00A3	= 003D	୫ 0B6B	ୡ 0B61	A 0041	Q 0051	½ 00BD	∞ 221E
0	0	1	0	$ 0024	> 003E	୬ 0B6C	ୄ 0B44	B 0042	R 0052	¾ 00BE	² 00B2
0	0	1	1	¥ 00A5	₹ 20B9	୭ 0B6D	ୣ 0B63	C 0043	S 0053	" 201C	³ 00B3
0	1	0	0	§ 00A7	^ 005E	Γ 0B6E		D 0044	T 0054	" 201D	ଽ 0B3D
0	1	0	1	" 0022		୯ 0B6F		E 0045	U 0055	¤ 00A4	
0	1	1	0	€ 20AC				F 0046	V 0056	Ω 03A9	
0	1	1	1	% 0025	(0028		ୟ 0B5F	G 0047	W 0057	µ 03BC	
1	0	0	0	& 0026	) 0029	{ 007B	ୱ 0B71	H 0048	X 0058	° 00B0	
1	0	0	1	' 0027	। 0964	} 007D		I 0049	Y 0059	× 00D7	
1	0	1	0	**FF** 000C	॥ 0965	୧⁄଼ 0B67,2044,0B6A	≈ 2248	J 004A	Z 005A	÷ 00F7	
1	0	1	1	− 2212	**SS3** ----	୧⁄୨ 0B67,2044,0B68	≠ 2260	K 004B		± 00B1	
1	1	0	0	! 0021	୦ 0B66	୩⁄଼ 0B69,2044,0B6A	[005B	L 004C		‰ 2030	
1	1	0	1	**CSI** 009B	୧ 0B67	⩽ 2A7D	~ 007E	M 004D		« 00AB	
1	1	1	0	- 002D	୨ 0B68	⩾ 2A7E	] 005D	N 004E		» 00BB	
1	1	1	1		୩ 0B69	\ 005C	· 00B7	O 004F		' 2019	୰ 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 is 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.