

A.4.16 SMS/CBS 7-bit Hindi (Devanagari) Alphabet (0x16)

A.4.16.1 SMS/CBS 7-bit Hindi (Devanagari) Alphabet (0x16) 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	ॐ	ऐ	SP	0	ब	ा	ॐ	p	
					0901	0910	0020	0030	092C	093E	0950	0070	
0	0	0	1	1	ं	त		1	भ	ि	a	q	
					0902	005F	0924	0031	092D	093F	0061	0071	
0	0	1	0	2	ः	ओ	ट	2	म	ी	b	r	
					0903	0912	091F	0032	092E	0940	0062	0072	
0	0	1	1	3	अ	ओ	#	3	य	ु	c	s	
					0905	0913	0023	0033	092F	0941	0063	0073	
0	1	0	0	4	आ	औ	थ	4	र	ू	d	t	
					0906	0914	0925	0034	0930	0942	0064	0074	
0	1	0	1	5	इ	क	ठ	5	र	ृ	e	u	
					0907	0915	0920	0035	0931	0943	0065	0075	
0	1	1	0	6	ई	ख	द	6	ल	्र	f	v	
					0908	0916	0926	0036	0932	0962	0066	0076	
0	1	1	1	7	उ	ग	ड	7	ळ	ँ	g	w	
					0909	0917	0921	0037	0933	0945	0067	0077	
1	0	0	0	8	ऊ	घ	ध	8	ळ	ं	h	x	
					090A	0918	0927	0038	0934	0946	0068	0078	
1	0	0	1	9	ऋ	ॠ	ढ	9	व	े	i	y	
					090B	0919	0922	0039	0935	0947	0069	0079	
1	0	1	0	A	LF	च	*	:	स	ै	j	z	
					000A	091A	002A	003A	0938	0948	006A	007A	
1	0	1	1	B	ॠ	SS2	+	;	ष	ॉ	k		
					090C	----	002B	003B	0937	0949	006B		
1	1	0	0	C	ँ	छ	,	ण	श	ी	l		
					090D	091B	002C	0923	0936	094A	006C		
1	1	0	1	D	CR	ज	न	प	ह	ो	m		
					000D	091C	0928	092A	0939	094B	006D		
1	1	1	0	E	ऐ	झ	.	फ	ृ	ौ	n	°	
					090E	091D	002E	092B	093C	094C	006E	0970	
1	1	1	1	F	ए	ञ	/	?		ॄ	o		
					090F	091E	002F	003F		094D	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.4.16.2). (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.

094D: DEVANAGARI SIGN VIRAMA: This is a control character for forming conjuncts. If the display font does not support the requested conjunct, U+094D is a combining character with nominal glyph. In Devanagari, conjuncts are sometimes formed by using the half form of the first consonant, which also may be used final consonants.

A.4.16.2 SMS/CBS 7-bit Hindi (Devanagari) Alphabet (0x16) 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	४ 096A	ॠ 0960	 007C	P 0050	¼ 00BC	△ 26A0
0	0	0	1	1	£ 00A3	= 003D	५ 096B	ॡ 0961	A 0041	Q 0051	½ 00BD	∞ 221E
0	0	1	0	2	\$ 0024	> 003E	६ 096C	ॢ 0944	B 0042	R 0052	¾ 00BE	² 00B2
0	0	1	1	3	¥ 00A5	₹ 20B9	७ 096D	ॣ 0963	C 0043	S 0053	“ 201C	³ 00B3
0	1	0	0	4	§ 00A7	^ 005E	८ 096E	। 0975	D 0044	T 0054	” 201D	₤ 093D
0	1	0	1	5	" 0022	· 0971	९ 096F	॥ 0973	E 0045	U 0055	▯ 00A4	अ 0904
0	1	1	0	6	€ 20AC	ॐ A8FC	॰ 0951	॥ 0974	F 0046	V 0056	Ω 03A9	ऑ 0911
0	1	1	1	7	% 0025	(0028	- 0952	ी 094F	G 0047	W 0057	μ 03BC	? 097D
1	0	0	0	8	& 0026) 0029	{ 007B	ि 093A	H 0048	X 0058	° 00B0	ॠ 097B
1	0	0	1	9	' 0027	 0964	} 007D	ी 093B	I 0049	Y 0059	× 00D7	ॡ 0979
1	0	1	0	A	FF 000C	॥ 0965	ॠ 0967,2044,096A	≈ 2248	J 004A	Z 005A	÷ 00F7	ॠ 0978
1	0	1	1	B	- 2212	SS3 ----	ॠ 0967,2044,0968	≠ 2260	K 004B	अ 0976	± 00B1	ॡ 097E
1	1	0	0	C	! 0021	॰ 0966	ॠ 0969,2044,096A	[005B	L 004C	अ 0977	% 2030	ॠ 097F
1	1	0	1	D	CSI 009B	ॠ 0967	≤ 2A7D	~ 007E	M 004D	अ 0972	« 00AB	ॠ 097C
1	1	1	0	E	- 002D	ॠ 0968	≥ 2A7E] 005D	N 004E	ि 094E	» 00BB	ॠ 097A
1	1	1	1	F	ॠ 0929	ॠ 0969	\ 005C	· 00B7	O 004F	ि 0955	' 2019	ॠ A8FD

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.