

A.4.1A SMS/CBS 7-bit Punjabi (Gurmukhi) Alphabet (0x1A)

A.4.1A.1 SMS/CBS 7-bit Punjabi (Gurmukhi) Alphabet (0x1A) 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	○ 0A01	ਐ 0A10	SP 0020	0 0030	ਬ 0A2C	○ ^T 0A3E	ੴ 0A75	p 0070
0	0	0	1	1	○ 0A02	ੜ 005F	ੜ 0A24	1 0031	ਤ 0A2D	ੰ 0A3F	a 0061	q 0071
0	0	1	0	2	ੋ 0A03		ੜ 0A1F	2 0032	ਹ 0A2E	ੀ 0A40	b 0062	r 0072
0	0	1	1	3	ਅ 0A05	ੁ 0A13	# 0023	3 0033	ਯ 0A2F	੦ 0A41	c 0063	s 0073
0	1	0	0	4	ਆ 0A06	ਐ 0A14	ਥ 0A25	4 0034	ਰ 0A30	ੱ 0A42	d 0064	t 0074
0	1	0	1	5	ਇ 0A07	ਕ 0A15	ਠ 0A20	5 0035	ੜ 0A5C		e 0065	u 0075
0	1	1	0	6	ਈ 0A08	ਖ 0A16	ਦ 0A26	6 0036	ਲ 0A32		f 0066	v 0076
0	1	1	1	7	ਊ 0A09	ਗ 0A17	ਡ 0A21	7 0037	ਲ 0A33		g 0067	w 0077
1	0	0	0	8	ਊ 0A0A	ਘ 0A18	ਧ 0A27	8 0038			h 0068	x 0078
1	0	0	1	9	ਊ 0A73	ਙ 0A19	ਚ 0A22	9 0039	ਵ 0A35	ੰ 0A47	i 0069	y 0079
1	0	1	0	ਾ	LF 000A	ਚ 0A1A	*	:	ਸ 0A38	ੰ 0A48	j 006A	z 007A
1	0	1	1	ਿ	SS2 ----	+ 002B	; 003B				k 006B	੦ 0A70
1	1	0	0	ਿ	ਦ 0A72	ਛ 0A1B	,	ਦ 0A23	ਸ 0A36		ਿ 006C	੦ 0A71
1	1	0	1	ਦ	CR 000D	ਜ 0A1C	ਨ 0A28	ਧ 0A2A	ਹ 0A39	ੰ 0A4B	m 006D	ੰ 0A51
1	1	1	0	ੋ	ਸ 0A1D	.	ਫ 0A2B	ੰ 0A3C	ੰ 0A4C	ੰ 0A4D	n 006E	ੱ 0A76
1	1	1	1	ੋ	ਦ 0A0F	ਵ 0A1E	/	?			ੋ 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.4.1A.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.

0A4D GURMUKHI SIGN VIRAMA: This is a control character for forming conjuncts. If the display font does not support the requested conjunct, U+0A4D is a combining character with nominal glyph. In Gurmukhi, conjuncts are formed by using a subscript form of the second consonant.

A.4.1A.2 SMS/CBS 7-bit Punjabi (Gurmukhi) Alphabet (0x1A) 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
0	0	0	0	0	@ 0040	< 003C	8 0A6A	I 007C
0	0	0	1	1	£ 00A3	= 003D	₼ 0A6B	A 0041
0	0	1	0	2	\$ 0024	> 003E	Ξ 0A6C	B 0042
0	0	1	1	3	¥ 00A5	₹ 20B9	₹ 0A6D	C 0043
0	1	0	0	4	§ 00A7	^ 005E	ਤ 0A6E	D 0044
0	1	0	1	5	" 0022	ੰ 0A6F	ੰ 0A6F	E 0045
0	1	1	0	6	€ 20AC			F 0046
0	1	1	1	7	% 0025	(0028		G 0047
1	0	0	0	8	& 0026) 0029	{ 007B	H 0048
1	0	0	1	9	' 0027	 0964	} 007D	I 0049
1	0	1	0	A	FF 000C	॥ 0965	॥ 0A67,2044,0A6A	J 2248
1	0	1	1	B	- 2212	SS3 ----	॥ 0A67,2044,0A68	K 2260
1	1	0	0	C	! 0021	੦ 0A66	੩/8 0A69,2044,0A6A	L 005B
1	1	0	1	D	CSI 009B	੭ 0A67	ੱ 2A7D	M 004C
1	1	1	0	E	- 002D	ੳ 0A68	ੱ 2A7E	N 004D
1	1	1	1	F	ੳ 0A69	\ 005C	. 00B7	O 004F
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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.