

## A.4.20 SMS/CBS 7-bit Manipuri (Meetei Mayek) Alphabet (0x20)

### A.4.20.1 SMS/CBS 7-bit Manipuri (Meetei Mayek) Alphabet (0x20) 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>		0	1	2	3	4	5	6	7
0	0	0	0	0			SP 0020	0 0030	ᱚ ABD5	ᱠ ABE5	ᱡ AAF2	p 0070
0	0	0	1	1	ᱢ ABEA	ᱣ 005F	ᱤ ABC7	1 0031	ᱥ ABDA	ᱦ ABE4	a 0061	q 0071
0	0	1	0	2	ᱧ AAF5	ᱨ AAE1	ᱩ AAE4	2 0032	ᱪ ABC3	ᱫ AAEB	b 0062	r 0072
0	0	1	1	3	ᱬ ABD1		# 0023	3 0033	ᱮ ABCC	ᱯ ABE8	c 0063	s 0073
0	1	0	0	4			ᱰ ABCA	4 0034	ᱱ ABD4	ᱲ AAEC	d 0064	t 0074
0	1	0	1	5	ᱵ ABCF	ᱶ ABC0	ᱷ AAE5	5 0035			e 0065	u 0075
0	1	1	0	6		ᱹ ABC8	ᱺ ABD7	6 0036	ᱻ ABC2		f 0066	v 0076
0	1	1	1	7	ᱽ ABCE	᱾ ABD2	᱿ AAE6	7 0037			g 0067	w 0077
1	0	0	0	8		ᱠ ABD8	ᱡ ABD9	8 0038		ᱣ ABE6	h 0068	x 0078
1	0	0	1	9		ᱤ ABC9	ᱦ AAE7	9 0039	ᱨ ABCB	ᱩ ABE9	i 0069	y 0079
1	0	1	0	A	LF 000A	ᱫ ABC6	* 002A	: 003A	ᱮ ABC1	ᱯ AAED	j 006A	z 007A
1	0	1	1	B		SS2 ----	+ 002B	; 003B	ᱰ AAEA	ᱱ ABE3	k 006B	
1	1	0	0	C		ᱳ AAE2	, 002C	ᱵ AAE8	ᱶ AAE9	ᱷ ABE7	l 006C	ᱠ ABEC
1	1	0	1	D	CR 000D	ᱣ ABD6	ᱤ ABC5	ᱥ ABC4	ᱦ ABCD	ᱧ AAEE	m 006D	ᱨ AAF1
1	1	1	0	E	ᱩ AAE0	ᱪ ABD3	. 002E	E ABD0		ᱫ AAEF	n 006E	ᱬ AAF3
1	1	1	1	F		ᱮ AAE3	/ 002F	? 003F		ᱯ ABED	o 006F	ᱰ AAF4

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.4.20.1). (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+ABED: MEETEI MAYEK APUN IYEK: Modern virama. In Meitei Mayek U+ABED is a combining character with nominal glyph. It is not used on final consonants; instead use the half forms (LONSUM). (There is also the traditional virama, U+AAF6, MEETEI MAYEK VIRAMA).

#### A.4.20.2 SMS/CBS 7-bit Manipuri (Meetei Mayek) Alphabet (0x20) extension (SS2) table

					<b>b7</b>	<b>b6</b>	<b>b5</b>					
					0	0	0	0	1	1	1	1
					0	0	1	1	0	0	1	1
					0	1	0	1	0	1	0	1
<b>b4</b>	<b>b3</b>	<b>b2</b>	<b>b1</b>	<b>1B</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	¿ ABF4		 007C	P 0050	¼ 00BC	△ 26A0
0	0	0	1	1	£ 00A3	= 003D	ϕ ABF5		A 0041	Q 0051	½ 00BD	∞ 221E
0	0	1	0	2	\$ 0024	> 003E	ϕ ABF6		B 0042	R 0052	¾ 00BE	² 00B2
0	0	1	1	3	¥ 00A5	₹ 20B9	℥ ABF7		C 0043	S 0053	“ 201C	³ 00B3
0	1	0	0	4	§ 00A7	^ 005E	ḡ ABF8		D 0044	T 0054	” 201D	
0	1	0	1	5	" 0022		ḡ ABF9		E 0045	U 0055	α 00A4	Ⅲ ABDB
0	1	1	0	6	€ 20AC				F 0046	V 0056	Ω 03A9	Ⅲ ABE1
0	1	1	1	7	% 0025	( 0028			G 0047	W 0057	μ 03BC	℥ ABE0
1	0	0	0	8	& 0026	) 0029	{ 007B		H 0048	X 0058	° 00B0	₣ ABDF
1	0	0	1	9	' 0027	 AAF0	} 007D		I 0049	Y 0059	× 00D7	
1	0	1	0	A	FF 000C	 ABEB	ꯀꯂ ABF1,2044,ABF4	≈ 2248	J 004A	Z 005A	÷ 00F7	
1	0	1	1	B	- 2212	SS3 ----	ꯀꯄ ABF1,2044,ABF2	≠ 2260	K 004B		± 00B1	
1	1	0	0	C	! 0021	0 ABF0	ꯀꯃ ABF3,2044,ABF4	[ 005B	L 004C		‰ 2030	Π ABDE
1	1	0	1	D	CSI 009B	ꯀ ABF1	≤ 2A7D	~ 007E	M 004D		« 00AB	℥ ABDD
1	1	1	0	E	- 002D	ꯀ ABF2	≥ 2A7E	] 005D	N 004E		» 00BB	ꯂ ABE2
1	1	1	1	F		ꯀ ABF3	\ 005C	· 00B7	O 004F	ꯀ AAF6	' 2019	ꯃ ABDC

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.

U+AAF6: MEETEI MAYEK VIRAMA: Traditional virama. This is a control character for forming conjuncts. If the display font does not support the requested conjunct, U+AAF6 is a combining character but without nominal glyph (but use underscript + as suggested in charts)