

b	0	0	0	0	1	1	1	1
b	0	0	1	1	0	0	1	1
b	0	1	0	1	0	1	0	1
	0	1	2	3	4	5	6	7
b	b	b	b					
0	0	0	0	0	@	P	-	p
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1	0	0	0	8	(	H	X	h x
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Pos.	Name	Note
2/1	EXCLAMATION MARK	
2/2	QUOTATION MARK	
2/3	POUND SIGN	
2/4	DOLLAR SIGN	
2/5	PERCENT SIGN	
2/6	AMPERSAND	
2/7	APOSTROPHE	
2/8	LEFT PARENTHESIS	
2/9	RIGHT PARENTHESIS	
2/10	ASTERISK	
2/11	PLUS SIGN	
2/12	COMMA	
2/13	HYPHEN, MINUS SIGN	
2/14	FULL STOP	
2/15	SOLIDUS	
3/0	DIGIT ZERO	
3/1	DIGIT ONE	
3/2	DIGIT TWO	
3/3	DIGIT THREE	
3/4	DIGIT FOUR	
3/5	DIGIT FIVE	
3/6	DIGIT SIX	
3/7	DIGIT SEVEN	
3/8	DIGIT EIGHT	
3/9	DIGIT NINE	
3/10	COLON	
3/11	SEMI-COLON	
3/12	LESS-THAN SIGN	
3/13	EQUALS SIGN	
3/14	GREATER-THAN SIGN	
3/15	QUESTION MARK	

Pos.	Name	Note
4/0	COMMERCIAL AT	
4/1	CAPITAL LETTER A	
4/2	CAPITAL LETTER B	
4/3	CAPITAL LETTER C	
4/4	CAPITAL LETTER D	
4/5	CAPITAL LETTER E	
4/6	CAPITAL LETTER F	
4/7	CAPITAL LETTER G	
4/8	CAPITAL LETTER H	
4/9	CAPITAL LETTER I	
4/10	CAPITAL LETTER J	
4/11	CAPITAL LETTER K	
4/12	CAPITAL LETTER L	
4/13	CAPITAL LETTER M	
4/14	CAPITAL LETTER N	
4/15	CAPITAL LETTER O	
5/0	CAPITAL LETTER P	
5/1	CAPITAL LETTER Q	
5/2	CAPITAL LETTER R	
5/3	CAPITAL LETTER S	
5/4	CAPITAL LETTER T	
5/5	CAPITAL LETTER U	
5/6	CAPITAL LETTER V	
5/7	CAPITAL LETTER W	
5/8	CAPITAL LETTER X	
5/9	CAPITAL LETTER Y	
5/10	CAPITAL LETTER Z	
5/11	LEFTWARD ARROW	
5/12	VULGAR FRACTION ONE HALF	
5/13	RIGHTWARD ARROW	
5/14	UPWARD ARROW	
5/15	SQUARE	

Pos.	Name	Note
6/0	WIDE SEPARATOR (MIDDLE LINE)	
6/1	SMALL LETTER a	
6/2	SMALL LETTER b	
6/3	SMALL LETTER c	
6/4	SMALL LETTER d	
6/5	SMALL LETTER e	
6/6	SMALL LETTER f	
6/7	SMALL LETTER g	
6/8	SMALL LETTER h	
6/9	SMALL LETTER i	
6/10	SMALL LETTER j	
6/11	SMALL LETTER k	
6/12	SMALL LETTER l	
6/13	SMALL LETTER m	
6/14	SMALL LETTER n	
6/15	SMALL LETTER o	
7/0	SMALL LETTER p	
7/1	SMALL LETTER q	
7/2	SMALL LETTER r	
7/3	SMALL LETTER s	
7/4	SMALL LETTER t	
7/5	SMALL LETTER u	
7/6	SMALL LETTER v	
7/7	SMALL LETTER w	
7/8	SMALL LETTER x	
7/9	SMALL LETTER y	
7/10	SMALL LETTER z	
7/11	VULGAR FRACTION ONE QUARTER	
7/12	DOUBLE VERTICAL LINE	
7/13	VULGAR FRACTION THREE QUARTERS	
7/14	DIVISION SIGN	

b.	0	0	0	0	1	1	1	1		
b.	0	0	1	1	0	0	1	1		
b.	0	1	0	1	0	1	0	1		
	0	1	2	3	4	5	6	7		
a.	b.	b.	b.							
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Pos.	Name	Note
2/1	POINT D'EXCLAMATION	
2/2	GUILLEMET	
2/3	SYMBOLE LIVRE	
2/4	SYMBOLE DOLLAR	
2/5	SYMBOLE POUR CENT	
2/6	PERLUETE	
2/7	APOSTROPHE	
2/8	PARENTHESE GAUCHE	
2/9	PARENTHESE DROITE	
2/10	ASTERISQUE	
2/11	SIGNE PLUS	
2/12	VIRGULE	
2/13	TIRET, SIGNE MOINS	
2/14	POINT	
2/15	BARRE OBLIQUE	
3/0	CHIFFRE ZERO	
3/1	CHIFFRE UN	
3/2	CHIFFRE DEUX	
3/3	CHIFFRE TROIS	
3/4	CHIFFRE QUATRE	
3/5	CHIFFRE CINQ	
3/6	CHIFFRE SIX	
3/7	CHIFFRE SEPT	
3/8	CHIFFRE HUIT	
3/9	CHIFFRE NEUF	
3/10	DEUX POINTS	
3/11	POINT VIRGULE	
3/12	SYMBOLE INFERIEUR A	
3/13	SYMBOLE EGAL	
3/14	SYMBOLE SUPERIEUR A	
3/15	POINT D'INTERROGATION	

Pos.	Name	Note
4/0	LETTRE MINUSCULE a ACCENT GRAVE	
4/1	LETTRE MAJUSCULE A	
4/2	LETTRE MAJUSCULE B	
4/3	LETTRE MAJUSCULE C	
4/4	LETTRE MAJUSCULE D	
4/5	LETTRE MAJUSCULE E	
4/6	LETTRE MAJUSCULE F	
4/7	LETTRE MAJUSCULE G	
4/8	LETTRE MAJUSCULE H	
4/9	LETTRE MAJUSCULE I	
4/10	LETTRE MAJUSCULE J	
4/11	LETTRE MAJUSCULE K	
4/12	LETTRE MAJUSCULE L	
4/13	LETTRE MAJUSCULE M	
4/14	LETTRE MAJUSCULE N	
4/15	LETTRE MAJUSCULE O	
5/0	LETTRE MAJUSCULE P	
5/1	LETTRE MAJUSCULE Q	
5/2	LETTRE MAJUSCULE R	
5/3	LETTRE MAJUSCULE S	
5/4	LETTRE MAJUSCULE T	
5/5	LETTRE MAJUSCULE U	
5/6	LETTRE MAJUSCULE V	
5/7	LETTRE MAJUSCULE W	
5/8	LETTRE MAJUSCULE X	
5/9	LETTRE MAJUSCULE Y	
5/10	LETTRE MAJUSCULE Z	
5/11	SYMBOLE DEGRE	
5/12	LETTRE MINUSCULE c CEDILLE	
5/13	SYMBOLE PARAGRAPH	
5/14	ACCENT CIRCONFLEXE	
5/15	TRAIT BAS	

Pos.	Name	Note
6/0	LETTRE GRECQUE MINUSCULE MU, SYMBOLE MICRO	
6/1	LETTRE MINUSCULE a	
6/2	LETTRE MINUSCULE b	
6/3	LETTRE MINUSCULE c	
6/4	LETTRE MINUSCULE d	
6/5	LETTRE MINUSCULE e	
6/6	LETTRE MINUSCULE f	
6/7	LETTRE MINUSCULE g	
6/8	LETTRE MINUSCULE h	
6/9	LETTRE MINUSCULE i	
6/10	LETTRE MINUSCULE j	
6/11	LETTRE MINUSCULE k	
6/12	LETTRE MINUSCULE l	
6/13	LETTRE MINUSCULE m	
6/14	LETTRE MINUSCULE n	
6/15	LETTRE MINUSCULE o	
7/0	LETTRE MINUSCULE p	
7/1	LETTRE MINUSCULE q	
7/2	LETTRE MINUSCULE r	
7/3	LETTRE MINUSCULE s	
7/4	LETTRE MINUSCULE t	
7/5	LETTRE MINUSCULE u	
7/6	LETTRE MINUSCULE v	
7/7	LETTRE MINUSCULE w	
7/8	LETTRE MINUSCULE x	
7/9	LETTRE MINUSCULE y	
7/10	LETTRE MINUSCULE z	
7/11	LETTRE MINUSCULE e ACCENT AIGU	
7/12	LETTRE MINUSCULE u ACCENT GRAVE	
7/13	LETTRE MINUSCULE e ACCENT GRAVE	
7/14	TREMA	

				b <sub>1</sub>	0	0	0	0	1	1	1	1		
				b <sub>2</sub>	0	0	1	1	0	0	1	1		
				b <sub>3</sub>	0	1	0	1	0	1	0	1		
					0	1	2	3	4	5	6	7		
b <sub>4</sub>	b <sub>3</sub>	b <sub>2</sub>	b <sub>1</sub>	0	0	0	0	0	°	∞	—	Q	K	
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Pos.	Name	Note
2/1	INVERTED EXCLAMATION MARK	
2/2	CENT SIGN	
2/3	POUND SIGN	
2/4	DOLLAR SIGN	
2/5	YEN SIGN	
2/6	NUMBER SIGN	
2/7	PARAGRAPH SIGN	2
2/8	CURRENCY SIGN	
2/9	LEFT SINGLE QUOTATION MARK	
2/10	LEFT DOUBLE QUOTATION MARK	
2/11	LEFT ANGLE QUOTATION MARK	
2/12	LEFTWARD ARROW	
2/13	UPWARD ARROW	
2/14	RIGHTWARD ARROW	
2/15	DOWNWARD ARROW	
3/0	DEGREE SIGN	
3/1	PLUS/MINUS SIGN	
3/2	SUPERSCRIP TWO	
3/3	SUPERSCRIP THREE	
3/4	MULTIPLY SIGN	
3/5	SMALL GREEK LETTER MU (MICRO SIGN)	
3/6	PILCROW SIGN	3
3/7	MIDDLE DOT	
3/8	DIVIDE SIGN	
3/9	RIGHT SINGLE QUOTATION MARK	
3/10	RIGHT DOUBLE QUOTATION MARK	
3/11	RIGHT ANGLE QUOTATION MARK	
3/12	VULGAR FRACTION ONE QUARTER	
3/13	VULGAR FRACTION ONE HALF	
3/14	VULGAR FRACTION THREE QUARTERS	
3/15	INVERTED QUESTION MARK	

Pos.	Name	Note
4/0	<i>This position shall not be used</i>	
4/1	GRAVE ACCENT	1
4/2	ACUTE ACCENT	1
4/3	CIRCUMFLEX ACCENT	1
4/4	TILDE	1
4/5	MACRON	1
4/6	BREVE	1
4/7	DOT ABOVE	1
4/8	DIAERESIS	1
4/9	<i>This position shall not be used</i>	
4/10	RING ABOVE	1
4/11	CEDILLA	1
4/12	<i>This position shall not be used</i>	
4/13	DOUBLE ACUTE ACCENT	1
4/14	OGONEK	1
4/15	CARON	1
5/0	LONG HORIZONTAL BAR	
5/1	SUPERSCRIP ONE	
5/2	REGISTERED TRADE MARK SIGN	
5/3	COPYRIGHT SIGN	
5/4	TRADE MARK LIGATURE	
5/5	MUSIC NOTE	
5/6	<i>This position shall not be used</i>	
5/7	<i>This position shall not be used</i>	
5/8	<i>This position shall not be used</i>	
5/9	<i>This position shall not be used</i>	
5/10	<i>This position shall not be used</i>	
5/11	<i>This position shall not be used</i>	
5/12	VULGAR FRACTION ONE EIGHTH	
5/13	VULGAR FRACTION THREE EIGHTS	
5/14	VULGAR FRACTION FIVE EIGHTHS	
5/15	VULGAR FRACTION SEVEN EIGHTHS	

Pos.	Name	Note
6/0	CAPITAL GREEK LETTER OMEGA (OHM SIGN)	
6/1	CAPITAL DIPHTHONG Œ	
6/2	CAPITAL LETTER D WITH STROKE	
6/3	FEMINE ORDINAL INDICATOR	
6/4	CAPITAL LETTER H WITH STROKE	
6/5	<i>This position shall not be used</i>	
6/6	CAPITAL LIGATURE IJ	
6/7	CAPITAL LETTER L WITH MIDDLE DOT	
6/8	CAPITAL LETTER L WITH STROKE	
6/9	CAPITAL LETTER O WITH OBLIQUE STROKE	
6/10	CAPITAL DIPHTHONG Œ	
6/11	MASCULINE ORDINAL INDICATOR	
6/12	CAPITAL ISLANDIC LETTER THORN	
6/13	CAPITAL LETTER T WITH STROKE	
6/14	CAPITAL LAPP LETTER ENG	
6/15	SMALL LETTER n PRECEDED BY APOSTROPHE	
7/0	SMALL GREENLANDIC LETTER K	
7/1	SMALL DIPHTHONG œ	
7/2	SMALL LETTER d WITH STROKE	
7/3	SMALL ISLANDIC LETTER ETH	
7/4	SMALL LETTER h WITH STROKE	
7/5	SMALL LETTER i WITHOUT DOT	
7/6	SMALL LIGATURE ij	
7/7	SMALL LETTER l WITH MIDDLE DOT	
7/8	SMALL LETTER l WITH STROKE	
7/9	SMALL LETTER o WITH OBLIQUE STROKE	
7/10	SMALL DIPHTHONG œ	
7/11	SMALL LETTER SHARP s	
7/12	SMALL ISLANDIC LETTER THORN	
7/13	SMALL LETTER t WITH STROKE	
7/14	SMALL LAPP LETTER ENG	

	b	0	0	0	0	1	1	1	1
	b	0	0	1	1	0	0	1	1
	b	0	1	0	1	0	1	0	1
		0	1	2	3	4	5	6	7
b	b	b	b						
c	0	0	0	0					
0	0	0	1	1					
0	0	1	0	2					
0	0	1	1	3					
0	1	0	0	4					
0	1	0	1	5					
0	1	1	0	6					
0	1	1	1	7					
1	0	0	0	8					
1	0	0	1	9					
1	0	1	0	10					
1	0	1	1	11					
1	1	0	0	12					
1	1	0	1	13					
1	1	1	0	14					
1	1	1	1	15					

Pos.	Name	Note
2/1	INVERTED EXCLAMATION MARK	
2/2	LEFT LOW DOUBLE QUOTATION MARK	1
2/3	POUND SIGN	
2/4	CURRENCY SIGN	
2/5	PERMILLE SIGN	
2/6	SINGLE DAGGER	
2/7	COMMERCIAL AT	
2/8	DEGREE SIGN	2
2/9	LEFT SQUARE BRACKET	
2/10	LEFT CURLY BRACKET	
2/11	LEFT ANGLE QUOTATION MARK	
2/12	MUSICAL FLAT	
2/13	COPYRIGHT SIGN	
2/14	PUBLISHED SIGN	
2/15	REGISTERED TRADE MARK SIGN	
3/0	AYN, AJIN	2
3/1	HAMZAH/ALIF	2
3/2	LEFT LOW SINGLE QUOTATION MARK	1
3/3	<i>(This position shall not be used)</i>	
3/4	REVERSE SOLIDUS	
3/5	VERTICAL LINE	
3/6	DOUBLE DAGGER	
3/7	MIDDLE DOT	
3/8	RIGHTWARD ARROW	
3/9	RIGHT SQUARE BRACKET	
3/10	RIGHT CURLY BRACKET	
3/11	RIGHT ANGLE QUOTATION MARK	
3/12	MUSICAL SHARP	
3/13	MIAGKIJ ZNAK	
3/14	TVERDYI ZNAK	
3/15	INVERTED QUESTION MARK	

Pos.	Name	Note
4/0	HIGH DOME MARK	3,5
4/1	GRAVE ACCENT	3,5
4/2	ACUTE ACCENT	3,5
4/3	CIRCUMFLEX ACCENT	3,5
4/4	TILDE	3,5
4/5	MACRON	3,5
4/6	BREVE	3,5
4/7	DOT ABOVE	3,5
4/8	TREMA	3,5
4/9	MIDDLE BAR	5
4/10	CIRCLE ABOVE	3,5
4/11	AP-STROFHE OFF CENTRE	3,5
4/12	CEDILLA ABOVE	3,5
4/13	DOUBLE ACUTE ACCENT	3,5
4/14	HORN	5
4/15	CARON (HÁČEK)	3,5
5/0	CEDILLA	4,5
5/1	RHOE	4,5
5/2	HOOK TO LEFT	4,5
5/3	OGONEK (HOOK TO RIGHT)	4,5
5/4	CIRCLE BELOW	4,5
5/5	HALF CIRCLE BELOW	4,5
5/6	DOT BELOW	4,5
5/7	OBLIQUE STROKE	5
5/8	UNDERLINE	4,5
5/9	DOUBLE UNDERLINE	4,5
5/10	SMALL LOW VERTICAL BAR	4,5
5/11	CIRCUMFLEX BELOW	4,5
5/12	<i>(This position shall not be used)</i>	
5/13	LEFT HALF OF LIGATURE SIGN AND OF DOUBLE TILDE	5,6
5/14	RIGHT HALF OF LIGATURE SIGN	5,6
5/15	RIGHT HALF OF DOUBLE TILDE	5,6

Pos.	Name	Note
6/0	<i>(This position shall not be used)</i>	
6/1	CAPITAL DIPHTHONG Æ	
6/2	CAPITAL LETTER D WITH STROKE	
6/3	<i>(This position shall not be used)</i>	
6/4	<i>(This position shall not be used)</i>	
6/5	<i>(This position shall not be used)</i>	
6/6	<i>(This position shall not be used)</i>	
6/7	<i>(This position shall not be used)</i>	
6/8	CAPITAL LETTER L WITH STROKE	
6/9	CAPITAL LETTER O WITH OBLIQUE STROKE	
6/10	CAPITAL DIPHTHONG Œ	
6/11	<i>(This position shall not be used)</i>	
6/12	CAPITAL ISLANDIC LETTER THORN	
6/13	<i>(This position shall not be used)</i>	
6/14	<i>(This position shall not be used)</i>	
6/15	<i>(This position shall not be used)</i>	
7/0	<i>(This position shall not be used)</i>	
7/1	SMALL DIPHTHONG æ	
7/2	SMALL LETTER d WITH STROKE	
7/3	SMALL ISLANDIC LETTER ETH	
7/4	<i>(This position shall not be used)</i>	
7/5	SMALL LETTER i WITHOUT DOT	
7/6	<i>(This position shall not be used)</i>	
7/7	<i>(This position shall not be used)</i>	
7/8	SMALL LETTER l WITH STROKE	
7/9	SMALL LETTER o WITH OBLIQUE STROKE	
7/10	SMALL DIPHTHONG œ	
7/11	OLD NORSE YR	
7/12	SMALL ISLANDIC LETTER THORN	
7/13	<i>(This position shall not be used)</i>	
7/14	<i>(This position shall not be used)</i>	

b.	0	0	0	0	1	1	1	1		
b.	0	0	1	1	0	0	1	1		
b.	0	1	0	1	0	1	0	1		
	0	1	2	3	4	5	6	7		
b.	b.	b.	b.							
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Pos.	Name	Note
2/1	EXCLAMATION MARK	
2/2	QUOTATION MARK	
2/3	NUMBER SIGN	
2/4	CURRENCY SIGN	
2/5	PERCENT SIGN	
2/6	AMPERSAND	
2/7	APOSTROPHE, ACUTE ACCENT	
2/8	LEFT PARENTHESIS	
2/9	RIGHT PARENTHESIS	
2/10	ASTERISK	
2/11	PLUS SIGN	
2/12	COMMA, CEDILLA	
2/13	HYPHEN, MINUS SIGN	
2/14	FULL STOP	
2/15	SOLIDUS	
3/0	DIGIT ZERO	
3/1	DIGIT ONE	
3/2	DIGIT TWO	
3/3	DIGIT THREE	
3/4	DIGIT FOUR	
3/5	DIGIT FIVE	
3/6	DIGIT SIX	
3/7	DIGIT SEVEN	
3/8	DIGIT EIGHT	
3/9	DIGIT NINE	
3/10	COLON	
3/11	SEMI-COLON	
3/12	LESS-THAN SIGN	
3/13	EQUALS SIGN	
3/14	GREATER-THAN SIGN	
3/15	QUESTION MARK	

Pos.	Name	Note
4/0	COMMERCIAL AT	
4/1	CAPITAL GREEK LETTER ALPHA	
4/2	CAPITAL GREEK LETTER BETA	
4/3	CAPITAL GREEK LETTER GAMMA	
4/4	CAPITAL GREEK LETTER DELTA	
4/5	CAPITAL GREEK LETTER EPSILON	
4/6	CAPITAL GREEK LETTER ZETA	
4/7	CAPITAL GREEK LETTER ETA	
4/8	CAPITAL GREEK LETTER THETA	
4/9	CAPITAL GREEK LETTER IOTA	
4/10	<i>(This position shall not be used)</i>	
4/11	CAPITAL GREEK LETTER KAPPA	
4/12	CAPITAL GREEK LETTER LAMDA	
4/13	CAPITAL GREEK LETTER MU	
4/14	CAPITAL GREEK LETTER NU	
4/15	CAPITAL GREEK LETTER XI	
5/0	CAPITAL GREEK LETTER OMICRON	
5/1	CAPITAL GREEK LETTER PI	
5/2	CAPITAL GREEK LETTER RHO	
5/3	CAPITAL GREEK LETTER SIGMA	
5/4	CAPITAL GREEK LETTER TAU	
5/5	CAPITAL GREEK LETTER UPSILON	
5/6	CAPITAL GREEK LETTER PHI	
5/7	<i>(This position shall not be used)</i>	
5/8	CAPITAL GREEK LETTER CHI	
5/9	CAPITAL GREEK LETTER PSI	
5/10	CAPITAL GREEK LETTER OMEGA	
5/11	LEFT SQUARE BRACKET	
5/12	REVERSE SOLIDUS	
5/13	RIGHT SQUARE BRACKET	
5/14	UPWARD ARROW HEAD, CIRCUMFLEX ACCENT	
5/15	UNDERLINE	

Pos.	Name	Note
6/0	GRAVE ACCENT	
6/1	SMALL GREEK LETTER ALPHA	
6/2	SMALL GREEK LETTER BETA	
6/3	SMALL GREEK LETTER GAMMA	
6/4	SMALL GREEK LETTER DELTA	
6/5	SMALL GREEK LETTER EPSILON	
6/6	SMALL GREEK LETTER ZETA	
6/7	SMALL GREEK LETTER ETA	
6/8	SMALL GREEK LETTER THETA	
6/9	SMALL GREEK LETTER IOTA	
6/10	<i>(This position shall not be used)</i>	
6/11	SMALL GREEK LETTER KAPPA	
6/12	SMALL GREEK LETTER LAMDA	
6/13	SMALL GREEK LETTER MU	
6/14	SMALL GREEK LETTER NU	
6/15	SMALL GREEK LETTER XI	
7/0	SMALL GREEK LETTER OMICRON	
7/1	SMALL GREEK LETTER PI	
7/2	SMALL GREEK LETTER RHO	
7/3	SMALL GREEK LETTER SIGMA	
7/4	SMALL GREEK LETTER TAU	
7/5	SMALL GREEK LETTER UPSILON	
7/6	SMALL GREEK LETTER PHI	
7/7	SMALL GREEK LETTER TERMINAL SIGMA	
7/8	SMALL GREEK LETTER CHI	
7/9	SMALL GREEK LETTER PSI	
7/10	SMALL GREEK LETTER OMEGA	
7/11	LEFT CURLY BRACKET	
7/12	VERTICAL LINE	
7/13	RIGHT CURLY BRACKET	
7/14	OVERLINE	

b.	0	0	0	0	1	1	1	1				
b.	0	0	1	1	0	0	1	1				
b.	0	1	0	1	0	1	0	1				
	0	1	2	3	4	5	6	7				
b.	b.	b.	b.									
0	0	0	0	0								
					NBSP	°	À	Ð	à	đ		
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0	0	1	1	3			ł	ł	Ă	Ó	ă	ó
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0	1	1	0	6			Š	š	Č	Ö	č	ö
0	1	1	1	7			Š	š	Č	Ř	č	ř
1	0	0	0	8			“	”	Č	Ř	č	ř
1	0	0	1	9			Š	š	É	Ú	é	ú
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1	1	0	1	13			SHY	”	Í	Ý	í	ý
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Pos.	Name	Note
2/0	NO-BREAK SPACE	1
2/1	CAPITAL LETTER A WITH OGONEK	
2/2	BREVE	
2/3	CAPITAL LETTER L WITH STROKE	
2/4	CURRENCY SIGN	
2/5	CAPITAL LETTER L WITH CARON	
2/6	CAPITAL LETTER S WITH ACUTE ACCENT	
2/7	PARAGRAPH SIGN	
2/8	DIAERESIS	
2/9	CAPITAL LETTER S WITH CARON	
2/10	CAPITAL LETTER S WITH CEDILLA	
2/11	CAPITAL LETTER T WITH CARON	
2/12	CAPITAL LETTER Z WITH ACUTE ACCENT	
2/13	SOFT HYPHEN	2
2/14	CAPITAL LETTER Z WITH CARON	
2/15	CAPITAL LETTER Z WITH DOT ABOVE	
3/0	RING ABOVE, DEGREE SIGN	
3/1	SMALL LETTER a WITH OGONEK	
3/2	OGONEK	
3/3	SMALL LETTER l WITH STROKE	
3/4	ACUTE ACCENT	
3/5	SMALL LETTER l WITH CARON	
3/6	SMALL LETTER s WITH ACUTE ACCENT	
3/7	CARON	
3/8	CEDILLA	
3/9	SMALL LETTER s WITH CARON	
3/10	SMALL LETTER s WITH CEDILLA	
3/11	SMALL LETTER t WITH CARON	
3/12	SMALL LETTER z WITH ACUTE ACCENT	
3/13	DOUBLE ACUTE ACCENT	
3/14	SMALL LETTER z WITH CARON	
3/15	SMALL LETTER z WITH DOT ABOVE	

Pos.	Name	Note
4/0	CAPITAL LETTER A WITH GRAVE ACCENT	
4/1	CAPITAL LETTER A WITH ACUTE ACCENT	
4/2	CAPITAL LETTER A WITH CIRCUMFLEX ACCENT	
4/3	CAPITAL LETTER A WITH BREVE	
4/4	CAPITAL LETTER A WITH DIAERESIS	
4/5	CAPITAL LETTER L WITH ACUTE ACCENT	
4/6	CAPITAL LETTER C WITH ACUTE ACCENT	
4/7	CAPITAL LETTER C WITH CEDILLA	
4/8	CAPITAL LETTER C WITH CARON	
4/9	CAPITAL LETTER E WITH ACUTE ACCENT	
4/10	CAPITAL LETTER E WITH OGONEK	
4/11	CAPITAL LETTER E WITH DIAERESIS	
4/12	CAPITAL LETTER E WITH CARON	
4/13	CAPITAL LETTER I WITH ACUTE ACCENT	
4/14	CAPITAL LETTER I WITH CIRCUMFLEX ACCENT	
4/15	CAPITAL LETTER D WITH CARON	
5/0	CAPITAL LETTER D WITH STROKE	
5/1	CAPITAL LETTER N WITH ACUTE ACCENT	
5/2	CAPITAL LETTER N WITH CARON	
5/3	CAPITAL LETTER O WITH ACUTE ACCENT	
5/4	CAPITAL LETTER / WITH CIRCUMFLEX ACCENT	
5/5	CAPITAL LETTER O WITH DOUBLE ACUTE ACCENT	
5/6	CAPITAL LETTER O WITH DIAERESIS	
5/7	CAPITAL LETTER R WITH ACUTE ACCENT	
5/8	CAPITAL LETTER R WITH CARON	
5/9	CAPITAL LETTER U WITH RING ABOVE	
5/10	CAPITAL LETTER U WITH ACUTE ACCENT	
5/11	CAPITAL LETTER U WITH DOUBLE ACUTE ACCENT	
5/12	CAPITAL LETTER U WITH DIAERESIS	
5/13	CAPITAL LETTER Y WITH ACUTE ACCENT	
5/14	CAPITAL LETTER T WITH CEDILLA	
5/15	SMALL GERMAN LETTER SHARP s	

Pos.	Name	Note
6/0	SMALL LETTER a WITH GRAVE ACCENT	
6/1	SMALL LETTER a WITH ACUTE ACCENT	
6/2	SMALL LETTER a WITH CIRCUMFLEX ACCENT	
6/3	SMALL LETTER a WITH BREVE	
6/4	SMALL LETTER a WITH DIAERESIS	
6/5	SMALL LETTER l WITH ACUTE ACCENT	
6/6	SMALL LETTER c WITH ACUTE ACCENT	
6/7	SMALL LETTER c WITH CEDILLA	
6/8	SMALL LETTER c WITH CARON	
6/9	SMALL LETTER e WITH ACUTE ACCENT	
6/10	SMALL LETTER e WITH OGONEK	
6/11	SMALL LETTER e WITH DIAERESIS	
6/12	SMALL LETTER e WITH CARON	
6/13	SMALL LETTER i WITH ACUTE ACCENT	
6/14	SMALL LETTER i WITH CIRCUMFLEX ACCENT	
6/15	SMALL LETTER d WITH CARON	
7/0	SMALL LETTER d WITH STROKE	
7/1	SMALL LETTER n WITH ACUTE ACCENT	
7/2	SMALL LETTER n WITH CARON	
7/3	SMALL LETTER o WITH ACUTE ACCENT	
7/4	SMALL LETTER o WITH CIRCUMFLEX ACCENT	
7/5	SMALL LETTER o WITH DOUBLE ACUTE ACCENT	
7/6	SMALL LETTER o WITH DIAERESIS	
7/7	SMALL LETTER r WITH ACUTE ACCENT	
7/8	SMALL LETTER r WITH CARON	
7/9	SMALL LETTER u WITH RING ABOVE	
7/10	SMALL LETTER u WITH ACUTE ACCENT	
7/11	SMALL LETTER u WITH DOUBLE ACUTE ACCENT	
7/12	SMALL LETTER u WITH DIAERESIS	
7/13	SMALL LETTER y WITH ACUTE ACCENT	
7/14	SMALL LETTER t WITH CEDILLA	
7/15	DOT ABOVE	

				b.	0	0	0	0	1	1	1	1	1	
				b.	0	0	1	1	0	0	1	1	1	
				b.	0	1	0	1	0	1	0	1	1	
					0	1	2	3	4	5	6	7		
b.	b.	b.	b.											
0	0	0	0	0					NBSP	°	Ā	Đ	ā	đ
0	0	0	1	1					À	à	Á	À	á	à
0	0	1	0	2					⌘	ˆ	Â	Ô	â	ô
0	0	1	1	3					£	κ	Ā	Ɔ	ā	Ɔ
0	1	0	0	4					ϣ	´	À	Ô	ä	ó
0	1	0	1	5					İ	ı	Ā	Ô	ä	ö
0	1	1	0	6					Ł	ł	Æ	Ö	æ	ö
0	1	1	1	7					Š	š	İ	Ŕ	ı	ŕ
1	0	0	0	8					ˆ	ˆ	Č	Ø	č	ø
1	0	0	1	9					Š	š	É	Ū	é	ū
1	0	1	0	10					Ē	ē	Ē	Ú	ē	ú
1	0	1	1	11					Ĝ	ĝ	Ē	Ū	ë	ū
1	1	0	0	12					ƒ	ƒ	È	Ü	é	ü
1	1	0	1	13					SHY	Ń	İ	Ū	ı	ū
1	1	1	0	14					Ž	ž	İ	Ū	ı	ū
1	1	1	1	15					ˆ	ˆ	İ	Ū	ı	ˆ

Pos.	Name	Note
2/0	NO-BREAK SPACE	
2/1	CAPITAL LETTER A WITH OGONEK	
2/2	<i>This position shall not be used</i>	
2/3	POUND SIGN	
2/4	CURRENCY SIGN	
2/5	CAPITAL LETTER I WITH TILDE	
2/6	CAPITAL LETTER L WITH CEDILLA	
2/7	PARAGRAPH SIGN	
2/8	DIAERESIS	
2/9	CAPITAL LETTER S WITH MACRON	
2/10	CAPITAL LETTER E WITH OVERLINE	
2/11	CAPITAL LETTER G WITH CEDILLA	
2/12	CAPITAL LETTER T WITH OBLIQUE STROKE	
2/13	SOFT HYPHEN	
2/14	CAPITAL LETTER Z WITH CARON	
2/15	MACRON	
3/0	DEGREE SIGN	
3/1	SMALL LETTER a WITH OGONEK	
3/2	OGONEK	
3/3	SMALL GREENLANDIC LETTER K	
3/4	ACUTE ACCENT	
3/5	SMALL LETTER i WITH TILDE	
3/6	SMALL LETTER l WITH CEDILLA	
3/7	MACRON	
3/8	CEDILLA	
3/9	SMALL LETTER s WITH MACRON	
3/10	SMALL LETTER e WITH OVERLINE	
3/11	SMALL LETTER g WITH CEDILLA ABOVE	
3/12	SMALL LETTER t WITH OBLIQUE STROKE	
3/13	CAPITAL LAPPISH LETTER ENG	
3/14	SMALL LETTER z WITH CARON	
3/15	SMALL LAPPISH LETTER ENG	

Pos.	Name	Note
4/0	CAPITAL LETTER A WITH MACRON	
4/1	CAPITAL LETTER A WITH ACUTE ACCENT	
4/2	CAPITAL LETTER A WITH CIRCUMFLEX ACCENT	
4/3	CAPITAL LETTER A WITH TILDE	
4/4	CAPITAL LETTER A WITH DIAERESIS	
4/5	CAPITAL LETTER A WITH RING ABOVE	
4/6	CAPITAL DIPHTHONG A WITH E	
4/7	CAPITAL LETTER I WITH OGONEK	
4/8	CAPITAL LETTER C WITH MACRON	
4/9	CAPITAL LETTER E WITH ACUTE ACCENT	
4/10	CAPITAL LETTER E WITH OGONEK	
4/11	CAPITAL LETTER E WITH DIAERESIS	
4/12	CAPITAL LETTER E WITH DOT ABOVE	
4/13	CAPITAL LETTER I WITH ACUTE ACCENT	
4/14	CAPITAL LETTER I WITH CIRCUMFLEX ACCENT	
4/15	CAPITAL LETTER I WITH MACRON	
5/0	CAPITAL LETTER D WITH STROKE	
5/1	CAPITAL LETTER N WITH OGONEK	
5/2	CAPITAL LETTER O WITH MACRON	
5/3	CAPITAL LETTER K WITH CEDILLA	
5/4	CAPITAL LETTER O WITH CIRCUMFLEX ACCENT	
5/5	CAPITAL LETTER O WITH TILDE	
5/6	CAPITAL LETTER O WITH DIAERESIS	
5/7	CAPITAL LETTER R WITH CEDILLA	
5/8	CAPITAL LETTER O WITH OBLIQUE STROKE	
5/9	CAPITAL LETTER U WITH OGONEK	
5/10	CAPITAL LETTER U WITH ACUTE ACCENT	
5/11	CAPITAL LETTER U WITH CIRCUMFLEX ACCENT	
5/12	CAPITAL LETTER U WITH DIAERESIS	
5/13	CAPITAL LETTER U WITH TILDE	
5/14	CAPITAL LETTER U WITH MACRON	
5/15	SMALL GERMAN LETTER SHARP s	

Pos.	Name	Note
6/0	SMALL LETTER a WITH MACRON	
6/1	SMALL LETTER a WITH ACUTE ACCENT	
6/2	SMALL LETTER a WITH CIRCUMFLEX ACCENT	
6/3	SMALL LETTER a WITH TILDE	
6/4	SMALL LETTER a WITH DIAERESIS	
6/5	SMALL LETTER a WITH RING ABOVE	
6/6	SMALL DIPHTHONG a WITH e	
6/7	SMALL LETTER i WITH OGONEK	
6/8	SMALL LETTER c WITH MACRON	
6/9	SMALL LETTER e WITH ACUTE ACCENT	
6/10	SMALL LETTER e WITH OGONEK	
6/11	SMALL LETTER e WITH DIAERESIS	
6/12	SMALL LETTER e WITH DOT ABOVE	
6/13	SMALL LETTER i WITH ACUTE ACCENT	
6/14	SMALL LETTER i WITH CIRCUMFLEX ACCENT	
6/15	SMALL LETTER i WITH MACRON	
7/0	SMALL LETTER d WITH STROKE	
7/1	SMALL LETTER n WITH OGONEK	
7/2	SMALL LETTER o WITH MACRON	
7/3	SMALL LETTER k WITH CEDILLA	
7/4	SMALL LETTER o WITH CIRCUMFLEX ACCENT	
7/5	SMALL LETTER o WITH TILDE	
7/6	SMALL LETTER o WITH DIAERESIS	
7/7	SMALL LETTER r WITH CEDILLA	
7/8	SMALL LETTER o WITH OBLIQUE STROKE	
7/9	SMALL LETTER u WITH OGONEK	
7/10	SMALL LETTER u WITH ACUTE ACCENT	
7/11	SMALL LETTER u WITH CIRCUMFLEX ACCENT	
7/12	SMALL LETTER u WITH DIAERESIS	
7/13	SMALL LETTER u WITH TILDE	
7/14	SMALL LETTER u WITH MACRON	
7/15	DOT ABOVE	

				0	1	2	3	4	5	6	7
0	0	0	0								
0	0	0	1								
0	0	1	0								
0	0	1	1								
0	1	0	0								
0	1	0	1								
0	1	1	0								
0	1	1	1								
1	0	0	0								
1	0	0	1								
1	0	1	0								
1	0	1	1								
1	1	0	0								
1	1	0	1								
1	1	1	0								
1	1	1	1								

Pos.	Name	Note
2/0	NO-BREAK SPACE	
2/1	SERBOCROATIAN CYRILLIC SMALL LETTER DJE	
2/2	CYRILLIC SMALL LETTER GJE	
2/3	CYRILLIC SMALL LETTER IO	
2/4	UKRANIAN CYRILLIC SMALL LETTER JE	
2/5	MACEDONIAN CYRILLIC SMALL LETTER DSE	
2/6	UKRANIAN CYRILLIC SMALL LETTER I	
2/7	UKRANIAN CYRILLIC SMALL LETTER YI	
2/8	CYRILLIC SMALL LETTER JE	
2/9	CYRILLIC SMALL LETTER LJE	
2/10	CYRILLIC SMALL LETTER NJE	
2/11	SERBOCROATIAN CYRILLIC SMALL LETTER T(J)SHE	
2/12	MACEDONIAN CYRILLIC SMALL LETTER KJE	
2/13	SOFT HYPHEN	
2/14	CYRILLIC SMALL LETTER SHORT U	
2/15	MACEDONIAN CYRILLIC SMALL LETTER DZE	
3/0	NUMBER ACRONYM	
3/1	SERBOCROATIAN CYRILLIC CAPITAL LETTER DJE	
3/2	CYRILLIC CAPITAL LETTER GJE	
3/3	CYRILLIC CAPITAL LETTER IO	
3/4	UKRANIAN CYRILLIC CAPITAL LETTER JE	
3/5	MACEDONIAN CYRILLIC CAPITAL LETTER DSE	
3/6	UKRANIAN CYRILLIC CAPITAL LETTER I	
3/7	UKRANIAN CYRILLIC CAPITAL LETTER YI	
3/8	CYRILLIC CAPITAL LETTER JE	
3/9	CYRILLIC CAPITAL LETTER LJE	
3/10	CYRILLIC CAPITAL LETTER NJE	
3/11	SERBOCROATIAN CYRILLIC CAPITAL LETTER T(J)SHE	
3/12	MACEDONIAN CYRILLIC CAPITAL LETTER KJE	
3/13	NUMBER SIGN	
3/14	CYRILLIC CAPITAL LETTER SHORT U	
3/15	MACEDONIAN CYRILLIC CAPITAL LETTER DZE	

Pos.	Name	Note
4/0	CYRILLIC SMALL LETTER YU	
4/1	CYRILLIC SMALL LETTER A	
4/2	CYRILLIC SMALL LETTER BE	
4/3	CYRILLIC SMALL LETTER TSE	
4/4	CYRILLIC SMALL LETTER DE	
4/5	CYRILLIC SMALL LETTER IE	
4/6	CYRILLIC SMALL LETTER EF	
4/7	CYRILLIC SMALL LETTER GHE	
4/8	CYRILLIC SMALL LETTER HA	
4/9	CYRILLIC SMALL LETTER I	
4/10	CYRILLIC SMALL LETTER SHORT I	
4/11	CYRILLIC SMALL LETTER KA	
4/12	CYRILLIC SMALL LETTER EL	
4/13	CYRILLIC SMALL LETTER EM	
4/14	CYRILLIC SMALL LETTER EN	
4/15	CYRILLIC SMALL LETTER O	
5/0	CYRILLIC SMALL LETTER PE	
5/1	CYRILLIC SMALL LETTER YA	
5/2	CYRILLIC SMALL LETTER ER	
5/3	CYRILLIC SMALL LETTER ES	
5/4	CYRILLIC SMALL LETTER TE	
5/5	CYRILLIC SMALL LETTER U	
5/6	CYRILLIC SMALL LETTER ZAE	
5/7	CYRILLIC SMALL LETTER VE	
5/8	CYRILLIC SMALL SOFT SIGN	
5/9	CYRILLIC SMALL LETTER YERU	
5/10	CYRILLIC SMALL LETTER ZE	
5/11	CYRILLIC SMALL LETTER SHA	
5/12	CYRILLIC SMALL LETTER E	
5/13	CYRILLIC SMALL LETTER SHCHA	
5/14	CYRILLIC SMALL LETTER CHE	
5/15	CYRILLIC SMALL HARD SIGN	

Pos.	Name	Note
6/0	CYRILLIC CAPITAL LETTER YU	
6/1	CYRILLIC CAPITAL LETTER A	
6/2	CYRILLIC CAPITAL LETTER BE	
6/3	CYRILLIC CAPITAL LETTER TSE	
6/4	CYRILLIC CAPITAL LETTER DE	
6/5	CYRILLIC CAPITAL LETTER IE	
6/6	CYRILLIC CAPITAL LETTER EF	
6/7	CYRILLIC CAPITAL LETTER GHE	
6/8	CYRILLIC CAPITAL LETTER HA	
6/9	CYRILLIC CAPITAL LETTER I	
6/10	CYRILLIC CAPITAL LETTER SHORT I	
6/11	CYRILLIC CAPITAL LETTER KA	
6/12	CYRILLIC CAPITAL LETTER EL	
6/13	CYRILLIC CAPITAL LETTER EM	
6/14	CYRILLIC CAPITAL LETTER EN	
6/15	CYRILLIC CAPITAL LETTER O	
7/0	CYRILLIC CAPITAL LETTER PE	
7/1	CYRILLIC CAPITAL LETTER YA	
7/2	CYRILLIC CAPITAL LETTER ER	
7/3	CYRILLIC CAPITAL LETTER ES	
7/4	CYRILLIC CAPITAL LETTER TE	
7/5	CYRILLIC CAPITAL LETTER U	
7/6	CYRILLIC CAPITAL LETTER ZHE	
7/7	CYRILLIC CAPITAL LETTER VE	
7/8	CYRILLIC CAPITAL SOFT SIGN	
7/9	CYRILLIC CAPITAL LETTER YERU	
7/10	CYRILLIC CAPITAL LETTER ZE	
7/11	CYRILLIC CAPITAL LETTER SHA	
7/12	CYRILLIC CAPITAL LETTER E	
7/13	CYRILLIC CAPITAL LETTER SHCHA	
7/14	CYRILLIC CAPITAL LETTER CHE	
7/15	CYRILLIC CAPITAL HARD SIGN	

	b	1	0	1	0	1	0	1	1	1	1
	b	1	0	0	1	1	0	0	1	1	1
	b	0	1	0	1	0	1	0	1	0	1
		0	1	2	3	4	5	6	7		
b	b	b	b								
0	0	0	0	0							
0	0	0	1	1							
0	0	1	0	2							
0	0	1	1	3							
0	1	0	0	4							
0	1	0	1	5							
0	1	1	0	6							
0	1	1	1	7							
1	0	0	0	8							
1	0	0	1	9							
1	0	1	0	10							
1	0	1	1	11							
1	1	0	0	12							
1	1	0	1	13							
1	1	1	0	14							
1	1	1	1	15							

Pos.	Name	Note
2/1	This position shall not be used	
2/2	This position shall not be used	
2/3	This position shall not be used	
2/4	This position shall not be used	
2/5	This position shall not be used	
2/6	This position shall not be used	
2/7	This position shall not be used	
2/8	This position shall not be used	
2/9	This position shall not be used	
2/10	This position shall not be used	
2/11	This position shall not be used	
2/12	This position shall not be used	
2/13	This position shall not be used	
2/14	This position shall not be used	
2/15	This position shall not be used	
3/0	This position shall not be used	
3/1	This position shall not be used	
3/2	This position shall not be used	
3/3	This position shall not be used	
3/4	This position shall not be used	
3/5	This position shall not be used	
3/6	This position shall not be used	
3/7	This position shall not be used	
3/8	This position shall not be used	
3/9	This position shall not be used	
3/10	This position shall not be used	
3/11	This position shall not be used	
3/12	This position shall not be used	
3/13	This position shall not be used	
3/14	This position shall not be used	
3/15	This position shall not be used	

Pos.	Name	Note
4/0	DG 01	
4/1	DG 02	
4/2	DG 03	
4/3	DG 04	
4/4	DG 05	
4/5	DG 06	
4/6	DG 07	
4/7	DG 08	
4/8	DG 09	
4/9	DG 10	
4/10	DG 11	
4/11	DG 12	
4/12	DG 13	
4/13	DG 29	
4/14	DG 30	
4/15	DG 31	
5/0	DG 14	
5/1	DG 15	
5/2	DG 16	
5/3	DG 17	
5/4	DG 18	
5/5	DG 19	
5/6	DG 20	
5/7	DG 21	
5/8	DG 22	
5/9	DG 23	
5/10	DG 24	
5/11	DG 25	
5/12	DG 26	
5/13	DG 27	
5/14	DG 28	
5/15	This position shall not be used	

Pos.	Name	Note
6/0	SG 29	
6/1	SG 30	
6/2	SG 31	
6/3	SG 32	
6/4	SG 33	
6/5	SG 34	
6/6	SG 35	
6/7	SG 36	
6/8	SG 37	
6/9	SG 38	
6/10	SG 39	
6/11	SG 40	
6/12	SG 41	
6/13	SG 42	
6/14	This position shall not be used	
6/15	This position shall not be used	
7/0	SG 43	
7/1	SG 44	
7/2	SG 45	
7/3	SG 46	
7/4	SG 47	
7/5	SG 48	
7/6	SG 49	
7/7	SG 50	
7/8	SG 51	
7/9	SG 52	
7/10	SG 53	
7/11	SG 54	
7/12	SG 55	
7/13	SG 56	
7/14	This position shall not be used	

b.	0	0	0	0	1	1	1	1				
b.	0	0	1	1	0	0	1	1				
b.	0	1	0	1	0	1	0	1				
b.	b.	b.	b.	0	1	2	3	4	5	6	7	
0	0	0	0	0				ー	タ	ミ		
0	0	0	1	1				ア	チ	ム		
0	0	1	0	2				「	イ	ツ	メ	
0	0	1	1	3				」	ウ	テ	モ	
0	1	0	0	4					エ	ト	ヤ	
0	1	0	1	5					オ	ナ	ユ	
0	1	1	0	6					ヲ	カ	ニ	ヨ
0	1	1	1	7					キ	ヌ	ラ	
1	0	0	0	8					ク	ネ	リ	
1	0	0	1	9					ケ	ノ	ル	
1	0	1	0	10					コ	ハ	レ	
1	0	1	1	11					サ	ヒ	ロ	
1	1	0	0	12					シ	フ	ワ	
1	1	0	1	13					ス	ヘ	ン	
1	1	1	0	14					セ	ホ	''	
1	1	1	1	15					ソ	マ	°	

Pos.	Name	Note
2/1	This position shall not be used	
2/2	KATAKANA OPENING BRACKET ( 「 )	
2/3	KATAKANA CLOSING BRACKET ( 」 )	
2/4	This position shall not be used	
2/5	This position shall not be used	
2/6	KATAKANA WO ( ヲ )	
2/7	This position shall not be used	
2/8	This position shall not be used	
2/9	This position shall not be used	
2/10	This position shall not be used	
2/11	This position shall not be used	
2/12	This position shall not be used	
2/13	This position shall not be used	
2/14	This position shall not be used	
2/15	This position shall not be used	
3/0	PROLONGED SOUND SYMBOL ( ー )	
3/1	KATAKANA A ( ア )	
3/2	KATAKANA I ( イ )	
3/3	KATAKANA U ( ウ )	
3/4	KATAKANA E ( エ )	
3/5	KATAKANA O ( オ )	
3/6	KATAKANA KA ( カ )	
3/7	KATAKANA KI ( キ )	
3/8	KATAKANA KU ( ク )	
3/9	KATAKANA KE ( ケ )	
3/10	KATAKANA KO ( コ )	
3/11	KATAKANA SA ( サ )	
3/12	KATAKANA SHI ( シ )	
3/13	KATAKANA SU ( ス )	
3/14	KATAKANA SE ( セ )	
3/15	KATAKANA SO ( ソ )	

Pos.	Name	Note
4/0	KATAKANA TA ( タ )	
4/1	KATAKANA CHI ( チ )	
4/2	KATAKANA TSU ( ツ )	
4/3	KATAKANA TE ( テ )	
4/4	KATAKANA TO ( ト )	
4/5	KATAKANA NA ( ナ )	
4/6	KATAKANA NI ( ニ )	
4/7	KATAKANA NU ( ニ )	
4/8	KATAKANA NE ( ネ )	
4/9	KATAKANA NO ( ノ )	
4/10	KATAKANA HA ( ハ )	
4/11	KATAKANA HI ( ヒ )	
4/12	KATAKANA FU ( フ )	
4/13	KATAKANA HE ( ヘ )	
4/14	KATAKANA HO ( ホ )	
4/15	KATAKANA MA ( マ )	
5/0	KATAKANA MI ( ミ )	
5/1	KATAKANA MU ( ム )	
5/2	KATAKANA ME ( メ )	
5/3	KATAKANA MO ( モ )	
5/4	KATAKANA YA ( ヤ )	
5/5	KATAKANA YU ( ユ )	
5/6	KATAKANA YO ( ヨ )	
5/7	KATAKANA RA ( ラ )	
5/8	KATAKANA RI ( リ )	
5/9	KATAKANA RU ( ル )	
5/10	KATAKANA RE ( レ )	
5/11	KATAKANA RO ( ロ )	
5/12	KATAKANA WA ( ワ )	
5/13	KATAKANA N or M ( ン )	
5/14	VOICED SOUND SYMBOL ( っ )	
5/15	SEMI-VOICED SOUND SYMBOL ( っ )	

Pos.	Name	Note
6/0	This position shall not be used	
6/1	This position shall not be used	
6/2	This position shall not be used	
6/3	This position shall not be used	
6/4	This position shall not be used	
6/5	This position shall not be used	
6/6	This position shall not be used	
6/7	This position shall not be used	
6/8	This position shall not be used	
6/9	This position shall not be used	
6/10	This position shall not be used	
6/11	This position shall not be used	
6/12	This position shall not be used	
6/13	This position shall not be used	
6/14	This position shall not be used	
6/15	This position shall not be used	
7/0	This position shall not be used	
7/1	This position shall not be used	
7/2	This position shall not be used	
7/3	This position shall not be used	
7/4	This position shall not be used	
7/5	This position shall not be used	
7/6	This position shall not be used	
7/7	This position shall not be used	
7/8	This position shall not be used	
7/9	This position shall not be used	
7/10	This position shall not be used	
7/11	This position shall not be used	
7/12	This position shall not be used	
7/13	This position shall not be used	
7/14	This position shall not be used	

CO SET

7-bit coding

	b <sub>1</sub>	0	0	
	b <sub>2</sub>	0	0	
	b <sub>3</sub>	0	1	
		0	1	
b <sub>4</sub>	b <sub>5</sub>	b <sub>6</sub>	b <sub>7</sub>	
0	0	0	0	NUL DLE
0	0	0	1	SOH DC1
0	0	1	0	2 STX DC2
0	0	1	1	3 ETX DC3
0	1	0	0	4 EOT DC4
0	1	0	1	5 ENQ NAK
0	1	1	0	6 ACK SYN
0	1	1	1	7 BEL ETB
1	0	0	0	8 BS CAN
1	0	0	1	9 HT EM
1	0	1	0	10 LF SUB
1	0	1	1	11 VT ESC
1	1	0	0	12 FF CEX
1	1	0	1	13 CR IS3
1	1	1	0	14 SO IS2
1	1	1	1	15 SI IS1

8-bit coding

	b <sub>1</sub>	0	0	
	b <sub>2</sub>	0	0	
	b <sub>3</sub>	0	1	
		0	0	1
		0	0	1
b <sub>4</sub>	b <sub>5</sub>	b <sub>6</sub>	b <sub>7</sub>	
0	0	0	0	00 NUL DLE
0	0	0	1	01 SOH DC1
0	0	1	0	02 STX DC2
0	0	1	1	03 ETX DC3
0	1	0	0	04 EOT DC4
0	1	0	1	05 ENQ NAK
0	1	1	0	06 ACK SYN
0	1	1	1	07 BEL ETB
1	0	0	0	08 BS CAN
1	0	0	1	09 HT EM
1	0	1	0	10 LF SUB
1	0	1	1	11 VT ESC
1	1	0	0	12 FF CEX
1	1	0	1	13 CR IS3
1	1	1	0	14 SO IS2
1	1	1	1	15 SI IS1

Acronym	Name	Description
NUL	NULL	A control character used to accomplish media fill or time-fill. NUL characters may be inserted into or removed from a stream of data without affecting the information content of that stream; but then the addition or removal of these characters may affect the information layout and/or the control of equipment.
SOH	START OF HEADING	A transmission control character used as the first character of a heading of an information message.
STX	START OF TEXT	A transmission control character which precedes a text and which is used to terminate a heading.
ETX	END OF TEXT	A transmission control character which terminates a text.
EOT	END OF TRANSMISSION	A transmission control character used to indicate the conclusion of the transmission of one or more texts.
ENQ	ENQUIRY	A transmission control character used as a request for a response from a remote station; the response may include station identification and/or station status. When a "Who are you" function is required on the general switched transmission network, the first use of ENQ after the connection is established shall have the meaning "Who are you" (station identification). Subsequent use of ENQ may, or may not, include the function "Who are you", as determined by agreement.
ACK	ACKNOWLEDGE	A transmission control character transmitted by a receiver as an affirmative response to the sender.
BEL	BELL	A control character that is used when there is a need to call for attention; it may control alarm or attention devices.

Acronym	Name	Description
BS	BACKSPACE	A format effector which moves the active position one character position backwards on the same line.
HT	HORIZONTAL TABULATION	A format effector which advances the active position to the next pre-determined character position on the same line.
LF	LINE FEED	A format effector which advances the active position to the same character position of the next line.
VT	VERTICAL TABULATION	A format effector which advances the active position to the same character position on the next pre-determined line.
FF	FORM FEED	A format effector which advances the active position to the same character position on a pre-determined line of the next form or page.
CR	CARRIAGE RETURN	A format effector which moves the active position to the first character position on the same line.
SO	SHIFT-OUT	A control character which is used in conjunction with SHIFT-IN and ESCAPE to extend the graphic character set of the code. It may alter the meaning of the bit combinations of columns 2 to 7 which follow it until a SHIFT-IN character is reached. However, the characters SPACE (2/0) and DELETE (7/15) are unaffected by SHIFT-OUT. The effect of this character when using code extension techniques is described in International Standard ISO 2022.
SI	SHIFT-IN	A control character which is used in conjunction with SHIFT-OUT and ESCAPE to extend the graphic character set of the code. It may reinstate the standard meanings of the bit combinations which follow it. The effect of this

Acronym	Name	Description
DLE	DATA LINK ESCAPE	A transmission control character which will change the meaning of a limited number of continuously following characters. It is used exclusively to provide supplementary data transmission control function. Only graphic characters and transmission control characters can be used in DLE sequences.
DC1	DEVICE CONTROL ONE	A device control character which is primarily intended for turning on or starting an ancillary device. If it is not required for this purpose, it may be used to restore a device to the basic mode of operation (see also DC2 and DC3), or for any other device control function not provided by other DCs.
DC2	DEVICE CONTROL TWO	A device control character which is primarily intended for turning on or starting an ancillary device. If it is not required for this purpose, it may be used to set a device to a special mode of operation (in which case DC1 is used to restore the device to the basic mode), or for any other device control function not provided by other DCs.
DC3	DEVICE CONTROL THREE	A device control character which is primarily intended for turning off or stopping an ancillary device. This function may be a secondary level stop, for example, wait, pause, stand-by or halt (in which case DC1 is used to restore normal operation). If it is not required for this purpose, it may be used for any other device control function not provided by other DCs.
DC4	DEVICE CONTROL FOUR	A device control character which is primarily intended for turning off, stopping or interrupting an ancillary device. If it

Acronym	Name	Description
NAK	NEGATIVE ACKNOWLEDGE	is not required for this purpose, it may be used for any other device control function not provided by other DCs. A transmission control character transmitted by a receiver as a negative response to the sender.
SYN	SYNCHRONOUS IDLE	A transmission control character used by a synchronous transmission system in the absence of any other character (idle condition) to provide a signal from which synchronism may be achieved or retained between data terminal equipment.
ETB	END OF TRANSMISSION BLOCK	A transmission control character used to indicate the end of a transmission block of data where data is divided into such blocks for transmission purposes.
CAN	CANCEL	A character, or the first character of a sequence, indicating that the data preceding it is in error. As a result, this data is to be ignored. The specific meaning of this character must be defined for each application and/or between sender and recipient.
EM	END OF MEDIUM	A control character that may be used to identify the physical end of a medium, or the end of the used portion of a medium, or the end of the wanted portion of data recorded on a medium. The position of this character does not necessarily correspond to the physical end of the medium.
SUB	SUBSTITUTE CHARACTER	A control character used in the place of a character that has been found to be invalid or in error. SUB is intended to be introduced by automatic means.
ESC	ESCAPE	A control character which is used to provide additional control functions. It alters the meaning of a limited number of

Acronym	Name	Description
CEX	CONTROL EXTENSION	contiguously following bit combinations. The use of this character is specified in International Standard ISO 2022. A control character to introduce control strings to be used in conjunction with the Japanese graphic character sets. It alters the meaning of a limited number of contiguously following bit combinations. The syntax and semantics of the control strings introduced by CEX are defined in JIS C 6225.
IS3	INFORMATION SEPARATOR THREE	A control character used to separate and qualify data logically; its specific meaning has to be defined for each application. If this character is used in hierarchical order, it delimits a data item called a "group".
IS2	INFORMATION SEPARATOR TWO	A control character used to separate and qualify data logically; its specific meaning has to be defined for each application. If this character is used in hierarchical order, it delimits a data item called a "record".
IS1	INFORMATION SEPARATOR ONE	A control character used to separate and qualify data logically; its specific meaning has to be defined for each application. If this character is used in hierarchical order, it delimits a data item called a "unit".



CO SET  
8-bit coding

	b.	0	0	
	b.	0	0	
	b.	0	0	
	b.	0	1	
				0001
b.	b.	b.	b.	
0	0	0	0	00
0	0	0	1	01
0	0	1	0	02
0	0	1	1	03
0	1	0	0	04
0	1	0	1	05
0	1	1	0	06
0	1	1	1	07
1	0	0	0	08 BS
1	0	0	1	09 SS2
1	0	1	0	10 LF SUB
1	0	1	1	11 ESC
1	1	0	0	12 FF
1	1	0	1	13 CR SS3
1	1	1	0	14 LS1
1	1	1	1	15 LS0

Acronym	Name	Description
BS	BACKSPACE	A format effector that moves the active position backwards on the same line.
LF	LINE FEED	A format effector that advances the active position to the corresponding character position of the next line.
FF	FORM FEED	A format effector that advances the active position to the corresponding character position on the first line of the communicated text area of a new page.
CR	CARRIAGE RETURN	A format effector that moves the active position to the home position on the same line.
SS2	SINGLE-SHIFT TWO	SS2 is a non-locking shift function which invokes one character of the currently designated G2 set. The use of this character is subject to particular conditions specified in Recommendation T.61.
SUB	SUBSTITUTE CHARACTER	A control function used as defined in Recommendation T.50 to indicate an erroneous character. It is intended to permit printing an error indication or otherwise identify the location of a character received in error.
ESC	ESCAPE	A code extension control function which is used to provide coded representations for additional control functions. The use of this character is subject to particular conditions specified in Recommendation T.61.

Acronym	Name	Description
SS3	SINGLE-SHIFT THREE	SS3 is a non-locking shift function which invokes one character of the currently designated G3 set. The use of this character is subject to particular conditions specified in Recommendation T.61.

C1 SET  
8-bit coding

b <sub>1</sub>	1	1							
b <sub>2</sub>	0	0							
b <sub>3</sub>	0	0							
b <sub>4</sub>	0	1							
				08	09				
a	b	b	b						
0	0	0	0	00					
0	0	0	1	01					
0	0	1	0	02					
0	0	1	1	03					
0	1	0	0	04					
0	1	0	1	05					
0	1	1	0	06					
0	1	1	1	07					
1	0	0	0	08					
1	0	0	1	09					
1	0	1	0	10					
1	0	1	1	11	PLD	CSI			
1	1	0	0	12	PLU				
1	1	0	1	13					
1	1	1	0	14					
1	1	1	1	15					

Acronym	Name	Description
PLD	PARTIAL LINE DOWN	<p>A format effector that moves the active position to the corresponding character position on an imaginary line with a partial vertical offset. This offset should be sufficient either to image following characters as subscripts until the first following occurrence of PARTIAL LINE UP (PLU) in the data stream or, if the immediately preceding character is imaged as a superscript to restore subsequent imaging of characters to the active line. Any interactions between PLD and vertical format effectors other than PLU are not defined by Recommendation T.61.</p> <p>Therefore, any occurrence of PLD to start subscript presentation shall be followed by PLU in the same line without another PLD intervening. Any other use may produce a different printing format at the receiver than was intended by the sender.</p>
PLU	PARTIAL LINE UP	<p>A format effector that moves the active position to the corresponding character position on an imaginary line with a partial vertical offset. This offset should be sufficient either to image following characters as superscripts until the first following occurrence of PARTIAL LINE DOWN (PLD) in the data stream or, if the immediately preceding character is imaged as a subscript, to restore subsequent imaging of characters to the active line. Any interactions between PLU and vertical format effectors other than PLD are not defined by Recommendation T.61.</p> <p>Therefore, any occurrence of PLU to start superscript presentation shall be followed by PLD in the same line without another PLU intervening. Any other use may produce a different printing format at the receiver than was intended by the sender.</p>

Acronym	Name	Description
CSI	CONTROL SEQUENCE INTRODUCER	<p>A code extension control function, which is used to provide coded representations for additional control functions, in particular for control functions with parameters, such as presentation control functions.</p>