

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	number of "1" bits	
A	=	000011110	-011111100	-000010010	-000010010	-000010010	-011111100	-000000000	22
B	=	000011110	-010000010	-011111110	-010010010	-010010010	-001101100	-000000000	23
C	=	000011110	-001111100	-010000010	-010000010	-010000010	-010000010	-000000000	17
D	=	000011110	-010000010	-011111110	-010000010	-010000010	-001111100	-000000000	22
E	=	000011110	-011111110	-010010010	-010010010	-010010010	-010000010	-000000000	26
F	=	000011110	-011111110	-000010010	-000010010	-000010010	-000000010	-000000000	18
G	=	000011110	-001111100	-010000010	-010000010	-010010010	-011110010	-000000000	21
H	=	000011110	-011111110	-000010000	-000010000	-000010000	-011111110	-000000000	21
I	=	000011110	-000000000	-000000000	-011111110	-000000000	-000000000	-000000000	11
J	=	000011110	-011000000	-010000000	-010000010	-010000010	-001111110	-000000000	17
K	=	000011110	-011111110	-000010000	-000111000	-010010010	-001101100	-000000000	22
L	=	000011110	-011111110	-010000000	-010000000	-010000000	-010000000	-000000000	15
M	=	000011110	-011111110	-000001100	-000011000	-000001100	-011111110	-000000000	24
N	=	000011110	-011111110	-000001100	-000111000	-001100000	-011111110	-000000000	24
O	=	000011110	-011111110	-010000010	-010000010	-010000010	-011111110	-000000000	24
P	=	000011110	-000000010	-011111110	-000010010	-000010010	-000001100	-000000000	18
Q	=	000011110	-001111100	-010000010	-010100010	-001000010	-010111100	-000000000	21
R	=	000011110	-000000010	-011111110	-000110010	-001010010	-010001100	-000000000	21
S	=	000011110	-010001100	-010010010	-010010010	-010010010	-001100010	-000000000	19
T	=	000011110	-000000010	-000000010	-011111110	-000000010	-000000010	-000000000	15
U	=	000011110	-001111110	-010000000	-010000000	-010000000	-001111110	-000000000	19
V	=	000011110	-011111110	-011000000	-001110000	-000011100	-000000110	-000000000	21
W	=	000011110	-001111110	-010000000	-001110000	-010000000	-001111110	-000000000	21
X	=	000011110	-011000110	-001101100	-000111000	-001101100	-011000110	-000000000	23
Y	=	000011110	-000000110	-000011100	-011110000	-000011100	-000000110	-000000000	18
Z	=	000011110	-010000010	-011100010	-010111010	-010001110	-010000010	-000000000	21
Ñ	=	000011110	-011111000	-000010010	-000100010	-001000010	-011111000	-000000000	20
Ä	=	000011110	-011110000	-001001000	-001001010	-001001000	-011110000	-000000000	19
Ä	=	000011110	-011110000	-001001010	-001001000	-001001010	-011110000	-000000000	20
Ö	=	000011110	-011111000	-010001010	-010001000	-010001010	-011111000	-000000000	22
0	=	000011110	-010000000	-001111100	-001000100	-001111100	-000000010	-000000000	18
1	=	000011110	-000001000	-010000100	-011111110	-010000000	-000000000	-000000000	15
2	=	000011110	-011000100	-010100010	-010010010	-010010010	-010001100	-000000000	19
3	=	000011110	-011000000	-010000010	-010010010	-010011010	-001110110	-000000000	20
4	=	000011110	-000011110	-000010000	-000010000	-011111100	-000010000	-000000000	17
5	=	000011110	-001000000	-010001110	-010001110	-001001010	-000110010	-000000000	20
6	=	000011110	-001111000	-010010100	-010010010	-010010010	-001100000	-000000000	19
7	=	000011110	-000000010	-011100010	-000110010	-000011010	-000001110	-000000000	14

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8	= 000011110-001101100-010010010-010010010-010010010-001101100-000000000	21
9	= 000011110-000001100-010010010-010010010-010010010-001111100-000000000	20
/	= 000011110-001100000-000110000-000011000-000001100-000000110-000000000	14
+	= 000011110-000010000-000010000-011111110-000010000-000010000-000000000	15
-	= 000011110-000010000-000010000-000010000-000010000-000010000-000000000	9
?	= 000011110-000000100-000000010-010110010-000010010-000001100-000000000	14
.	= 000011110-010000000-010000000-000000000-000000000-000000000-000000000	6
!	= 000011110-000000000-000000000-000100000-011100000-000000000-000000000	8
'	= 000011110-000000000-000000000-000000010-000001110-000000000-000000000	8
=	= 000011110-000101000-000101000-000101000-000101000-000101000-000000000	14
(= 000011110-000000000-010000010-001000100-000111000-000000000-000000000	11
)	= 000011110-000000000-000111000-001000100-010000010-000000000-000000000	11
:	= 000011110-000101000-000101000-000000000-000000000-000000000-000000000	9

max number of bits per character – including start-pulse: 26 for "E"
max number of bits per character – without start-pulse: 22 for "E"
min number of bits per character – including start-pulse: 6 for "."
min number of bits per character – without start-pulse: 2 for "."

duty-cycle is always 100%, due to 2-tone FSK modulation