

Morse Code

Send		Receive	
A	● —	●	E
B	— ● ● ●	● ●	I
C	— ● — ●	● ● ●	S
D	— ● ●	● ● ● ●	H
E	●	● ● ● ● ●	5
F	● ● — ●	● ● ● ● —	4
G	— — ●	● ● ● —	V
H	● ● ● ●	● ● ● — —	3
I	● ●	● ● —	U
J	● — — —	● ● — ●	F
K	— ● —	● ● — — —	2
L	● — ● ●	● —	A
M	— —	● — ●	R
N	— ●	● — ● ●	L
O	— — —	● — —	W
P	● — — ●	● — — ●	P
Q	— — ● —	● — — —	J
R	● — ●	● — — — —	1
S	● ● ●	—	T
T	—	— ●	N
U	● ● —	— ● ●	D
V	● ● ● —	— ● ● ●	B
W	● — —	— ● ● ● ●	6
X	— ● ● —	— ● ● —	X
Y	— ● — —	— ● —	K
Z	— — ● ●	— ● — ●	C
1	● — — — —	— ● — —	Y
2	● ● — — —	— —	M
3	● ● ● — —	— — ●	G
4	● ● ● ● —	— — ● ●	Z
5	● ● ● ● ●	— — ● ● ●	7
6	— ● ● ● ●	— — ● —	Q
7	— — ● ● ●	— — —	O
8	— — — ● ●	— — — ● ●	8
9	— — — — ●	— — — — ●	9
0	— — — — —	— — — — —	0

The correct length of the elements in a symbol, the proper intervals between them and the correct spacing between words or groups is essential to good rhythm in the transmission of Morse Code. The rules which apply are as follows:

- 1) A "dah" (or dash) should be three times the length of a "dit" (or dot);
- 2) Spacing between any two elements of a symbol should be equal to one "dit";
- 3) Spacing between any two symbols of a word or group should be equal to three "dit"s;
- 4) Spacing between individual words or groups should be equal to five "dit"s.