

The Morse code alphabet is rather simple, each of the letters A to Z and 0 to 9 have their own unique dot-dash code.

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

The Morse sequences for characters from the alphabet seem to be quite random and do not seem to follow any logical order, but there is method behind the madness! Alfred Vail realised that if you gave more commonly used letters shorter sequences - ones with fewer symbols and using more dots than dashes - then most messages would be shorter.