

# INTERNATIONAL MORSE CODE

## DURATION

- = 1 second
- = 3 seconds

## SPACING

- Space between parts of the same letter = 1 second
- Space between letters of same word = 3 seconds
- Space between words = 7 seconds

### ALPHABET

|   |         |
|---|---------|
| A | ● ■     |
| B | ■ ● ● ● |
| C | ■ ● ■ ● |
| D | ■ ● ●   |
| E | ●       |
| F | ● ● ■ ● |
| G | ■ ■ ●   |
| H | ● ● ● ● |
| I | ● ●     |
| J | ● ■ ■ ■ |
| K | ■ ● ■   |
| L | ● ■ ● ● |
| M | ■ ■     |

|   |         |
|---|---------|
| N | ■ ●     |
| O | ■ ■ ■   |
| P | ● ■ ■ ● |
| Q | ■ ■ ● ■ |
| R | ● ■ ●   |
| S | ● ● ●   |
| T | ■       |
| U | ● ● ■   |
| V | ● ● ● ■ |
| W | ● ■ ■   |
| X | ■ ● ● ■ |
| Y | ■ ● ■ ■ |
| Z | ■ ■ ● ● |

### NUMBERS

|   |           |
|---|-----------|
| 0 | ■ ■ ■ ■ ■ |
| 1 | ● ■ ■ ■ ■ |
| 2 | ● ● ■ ■ ■ |
| 3 | ● ● ● ■ ■ |
| 4 | ● ● ● ● ■ |

|   |           |
|---|-----------|
| 5 | ● ● ● ● ● |
| 6 | ■ ● ● ● ● |
| 7 | ■ ■ ● ● ● |
| 8 | ■ ■ ■ ● ● |
| 9 | ■ ■ ■ ■ ● |