

## INTERNATIONAL MORSE ALPHABET

|             |             |
|-------------|-------------|
| A - ---     | N --- --    |
| B - - - - - | O --- - - - |
| C - - - - - | P - - - - - |
| D - - - - - | Q - - - - - |
| E -         | R - - - -   |
| F - - - -   | S - - - -   |
| G - - - -   | T - - -     |
| H - - - -   | U - - - -   |
| I - -       | V - - - -   |
| J - - - - - | W - - - -   |
| K - - - -   | X - - - -   |
| L - - - -   | Y - - - -   |
| M - - - -   | Z - - - -   |

## NUMERALS

|             |             |
|-------------|-------------|
| 1 - - - - - | 6 - - - - - |
| 2 - - - - - | 7 - - - - - |
| 3 - - - - - | 8 - - - - - |
| 4 - - - - - | 9 - - - - - |
| 5 - - - - - | 0 - - - - - |

## SHORT NUMERALS

|           |             |
|-----------|-------------|
| 1 - - -   | 6 - - - - - |
| 2 - - -   | 7 - - - - - |
| 3 - - -   | 8 - - - - - |
| 4 - - - - | 9 - - - -   |
| 5 - -     | 0 - - -     |

The short numerals are only used in telegraphy in the repetition of figures.

## PUNCTUATION

|                          |                       |
|--------------------------|-----------------------|
| Period - - - - -         | Exclamation - - - - - |
| Comma - - - - -          | Apostrophe - - - - -  |
| Interrogation - - - - -  | Semicolon - - - - -   |
| Hyphen or dash - - - - - | Colon - - - - -       |
| Parenthesis - - - - -    | Cross - - - - -       |
| Quotation mark - - - - - |                       |

## CONVENTIONAL SIGNALS

|                                 |                           |
|---------------------------------|---------------------------|
| End of word . . . . .           | Interval (2 seconds).     |
| End of sentence . . . . .       | Double interval (period). |
| End of message . . . . .        | Triple interval (cross).  |
| Acknowledgment, or I understand | R                         |
| Error . . . . .                 | - - - - -                 |
| Repeat after (word) . . . . .   | Interrogatory. (word).    |
| Send faster . . . . .           | Q R Q                     |
| Send slower . . . . .           | Q R S                     |
| Cease sending . . . . .         | Q R T                     |
| Wait a moment . . . . .         | - - - - -                 |
| Move to your right . . . . .    | M R                       |
| Move to your left . . . . .     | M L                       |
| Move up . . . . .               | M U                       |
| Move down . . . . .             | M D                       |