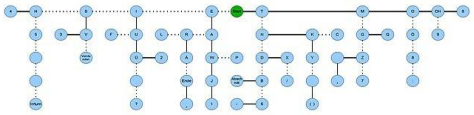


ERSTELLT VON
LukiLeu

ON
15.10.2011

★ ★ ★ ★ ★
Keine Stimmen

# Morsen



Was ist das Morsen? Wie funktioniert es? Was für Möglichkeiten habe ich?

## History

Morse code is a way to transmit messages over long distances. This alphabet was developed in 1857 by Samuel Morse, who was looking for a way to send messages via the telegraph. Today, however, the Morse alphabet is used only by amateur radio operators and, to some extent, in maritime communications.

## The Morse Code

### Letters:

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

### Numbers:

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

### Punctuation:

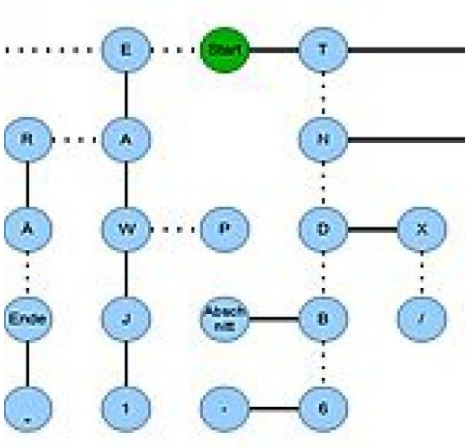
| | |
|---|---|
| Period .-.-.- | Question mark ..--.. |
| Comma --..-- | Slash ------ |
| Colon ---... | Parentheses -.--.- |

## Learning the Alphabet

To make it easier to memorize the alphabet, a word was assigned to each letter. A short syllable in that word represents a dot, and a long syllable represents a line.

- A: An-ton
- B: Boh-nen-sup-pe
- C: Con-di-to-
- D: Dro-ge-rie
- E: Eis
- F: Window-arch
- G: Grand-uncle
- H: Home-own-er
- I: Island
- J: hunting-mo-tor-boat
- K: Com-man-do
- L: Li-mo-na-de
- M: Motor
- N: No-tar
- O: O-vo-sport
- P: Phi-lo-so-phy
- Q: Quo-ko-ri-koc
- R: Re-vol-ver
- S: Sau-se-wind
- T: Sound
- U: U-ni-form
- V: Ven-ti-la-tor
- W: Wind-mo-tor
- X: Xo-hi-mil-ko
- Y: Yo-shi-mo-to
- Z: Zoll-vor-ste-her

## Morse key



## Communication via Light / Sound / ...

* First, the transmitting station must establish a connection with the partner group. To do this, it sends 'ii' (.. ..) repeatedly until the other group responds with the same symbol.
* The transmitting station then sends the first letter.
* If the receiving station has successfully received the letter, it sends a '.' back; otherwise, it sends a '-'.
* If the letter was understood, the transmitting station sends the next one. Otherwise, the letter is repeated.
* When the word is complete, the transmitting station sends the character 'ii' (.. ..).
* If the transmitting station makes a mistake in the word, it sends the 'error' character (.....) and repeats the word.
* When the entire transmission is complete, the transmitting station sends the character 'AR' (.-.-.).
* If the receiving station has understood the text, it sends back 'VE' (...-.); otherwise, it sends 'IMI' (..--..). In the latter case, the entire text must be sent again.

## Communication Using Flags / Signs / ...

* First, the transmitting station must establish a connection with the partner group. To do this, a flag is waved in a circle until the other group responds with the same signal.
* Next, the sending station transmits the first letter (a dot corresponds to one flag; a dash corresponds to two flags side by side).
* If the receiving station successfully receives the letter, it sends a '.' back; otherwise, it sends a '-'.
* If the letter was understood, the sending station transmits the next one. Otherwise, the letter is repeated.
* When the word is finished, the sending station holds two flags one above the other.
* If the transmitting station makes a mistake in the word, it sends the “error” signal (.....) and repeats the word.
* When the entire transmission is complete, the transmitting station sends the “AR” signal (.-.-.).
* If the transmitting station has understood the text, it sends back 'VE' (...-.); otherwise, it sends 'IMI' (..--..). In the latter case, the entire text must be sent again.

## Forum Magazine Article

## Morse code chart

## References




- **Contents:** Forum Kind Issue 1/05, page 25. A Different Way to Communicate: Morse Code, String Telephones, and Braille. © Copyrightwww.forum-kind.ch
- **Author:**Tina Büchi, Director of Children's Programs at the Chur City Mission
- **Images:**courtesy of Lukas Leuenberger / Jungschar Brunnen

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