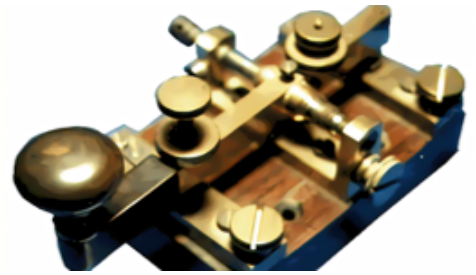


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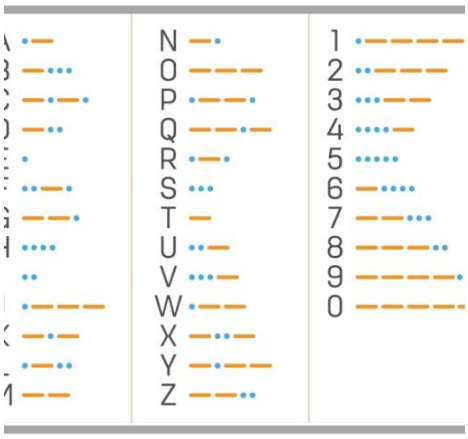
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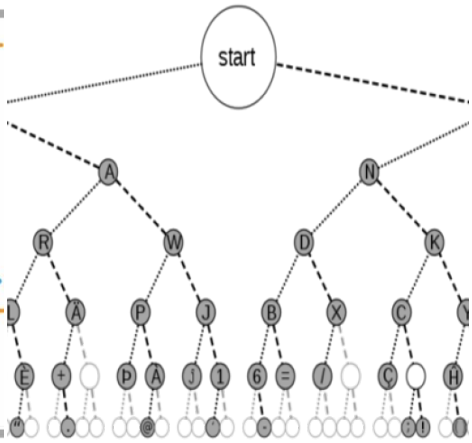
★ ★ ★ ★ ★
100% / 1 Stimme

Morse code



Find all the important information about Morse code as a transmission technology here.





Morse rules

Division of tasks

Transmitting station and receiving station has:

- Recorder: dictates / writes down characters
- Transmitter: sends characters
- Observer: observes the signs

Notes on transmission

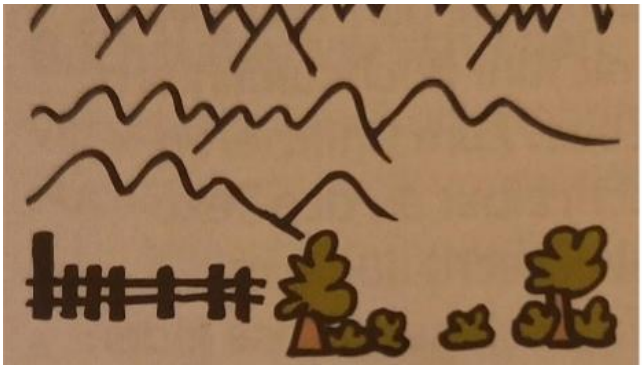
- Always in the same rhythm
- A dash should be 5 times longer than a dot
- Observe the distance between the individual characters
- Agree whether to morse with or without acknowledgement sign (. = understood / - = not understood)

- Keep the message as short and clear as possible
- Select the means of transmission according to the distance and conditions

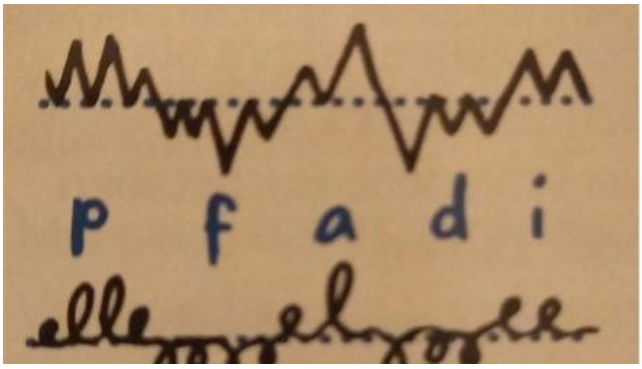
Means of transmission

Day Night	Means of transmission	Condition	Transmission range
T	Morse flags	clear view	1-2 km
T	Arms of people	clear visibility	500-700 m
T	Heliograph (mirror)	Sun	20 km
T	Smoke	Calm	1 km
T+N	Whistle	Calm	500 m
T+N	Morse code	--	Cable length
T+N	Radio	same channel	10 km
N	Searchlight	clear view	30 km
N	Candle lamp	clear view	4 km
N	Flashlight	clear view	2 km

Alternative transmission methods



Painting a Morse code picture
Hide Morse code messages in the picture. For example, in the mountains, hill shapes, flowers, garden fence, etc.



Fever curve
Dots are small peaks, dashes are large ones. The page is changed when words are exchanged.

Program idea

Connection with card reading

- Two groups receive a card with a dot on it. They have to move to the dot and send a message at a predetermined time. One group sends, the other receives. They then meet again at a meeting point.
- If necessary, plan a training block for Morse code beforehand.

Post run

- Post run with various posts where the Morse code technique is taught.
- Prepare different means of transmission to try out

Sources

Overview image:
https://th.bing.com/th/id/R.3c297cd8ca1c853ea525abf6d027c128?rik=WMPwEejYcWqmxw&riu=http://www.clinc

other pictures and text: Jungschar EGW Herzogenbuchsee

Weitere Informationen

Categories
Technology and outdoor activities

Tags
Morzes kods
Technology
Komunikācija
Instructions
Kodēšana

Age
8–12 years
13–16 years
from the age of 16

Number of participants
No data available.

Bible
This information is missing.

Duration
No data available.

Terrain / surroundings
Meadow
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City

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