

# Marine English

- Teacher: Panasenko Viktoria Petrovna
- Nakhimovite Naval School  
(Sevastopol Branch)

- **Answer the questions.**

- 1. Why must sailors know all levels of good communication?

*to achieve safe and efficient ship operation*

*transferring signals and*

*messages from ship to ship or  
naval base*

- 2. What is communication?

- 3. What is one-way communication?

*no reaction is received*

- 4. What methods of communication do you know?

*in writing form,- verbal,- signs and signals,  
prowords*

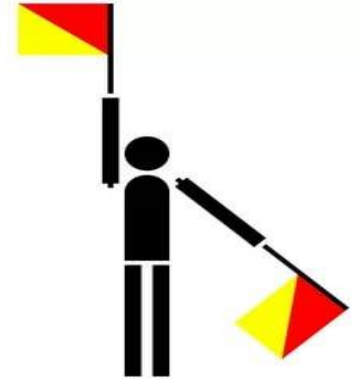
- 5. What is the reason of incidents and accidents at sea?

*the problem of communication,  
misunderstanding*

# VISUAL COMMUNICATION



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# VISUAL COMMUNICATION

- **Function:** Pointing out a problem
- **Flashing light** – a system of communication in which different flashes of light are used to relay messages in Morse code.
- **Morse code** – a communication system that uses short and long flashes of light or beeps to signal different letters and words.
- **Directional method** – a method of the flashing light system in which the sender shines the light directly at the receiver.
- **Non-directional method** – a method of the flashing light system that is used to signal to several different receiving ships at once, usually using yardarm blinkers.
- **Nancy system** – an alternative, high-security flashing light system of communication that uses invisible infrared lights that can only be seen by a receiver who has a special Nancy receiver.
- **Infrared** – light invisible to the naked eye.
- **Semaphore** a system of communication in which words are communicated through the use of arm positions that represent specific letters. At greater distances, flags are also used.
- **Semaphore flag** – a small, brightly colored, hand-held flag used in semaphore when communicating over greater distances.
- **Flaghoist** – a system of communication that is used only in day time, and uses a special set of 68 signal flags, each of which represents a letter or number. Some flags have a special meaning.
- **Signal flag** – one of 68 flags used in the flaghoist system.



## Signaling with semaphore

<https://youtu.be/zOETaUx3c4o?t=159>

[https://www.youtube.com/watch?v=\\_5yvloNbBMA](https://www.youtube.com/watch?v=_5yvloNbBMA)

**Raising signal flags during flag hoist**



An infrared lamp/  
the **Nancy system**



<https://www.youtube.com/watch?v=8dpdBPyloLA>

**Flashing light  
system**



**1. What is the main idea of the passage?**

- why semaphore remains useful
- the ways to send Morse Code messages
- different systems of visual communication★
- how visual communication has changed over time

**2. Which of these is NOT a communication system?**

- Nancy
- infrared light★
- flashing light
- semaphore

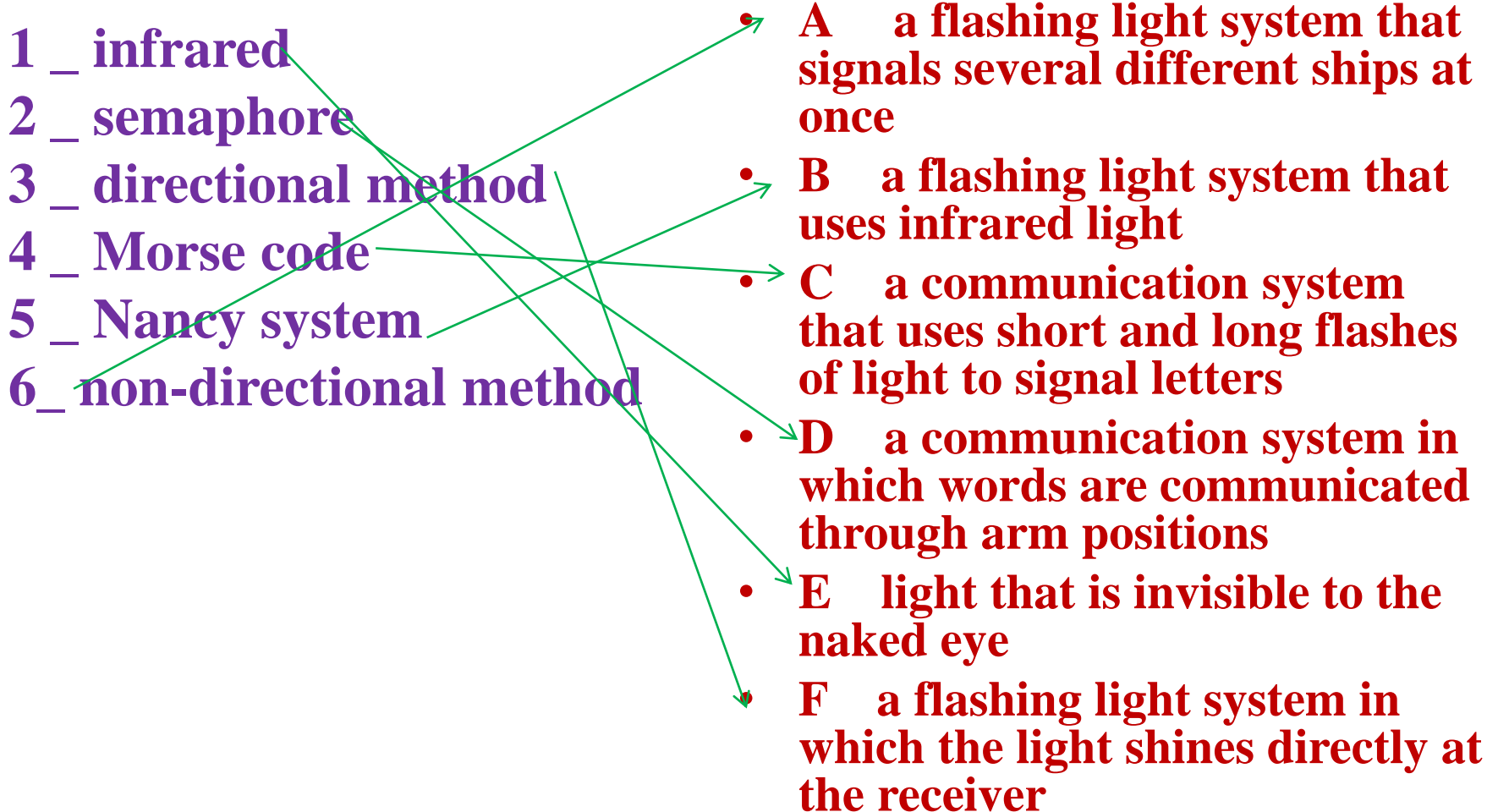
**3. Which system of communication can only function during the day?**

- A flag hoist★
- B directional flashing light
- C Morse code
- D non-directional flashing light

# Match the definitions to the correct

- 1 \_ infrared
- 2 \_ semaphore
- 3 \_ directional method
- 4 \_ Morse code
- 5 \_ Nancy system
- 6 \_ non-directional method

- **A** a flashing light system that signals several different ships at once
- **B** a flashing light system that uses infrared light
- **C** a communication system that uses short and long flashes of light to signal letters
- **D** a communication system in which words are communicated through arm positions
- **E** light that is invisible to the naked eye
- **F** a flashing light system in which the light shines directly at the receiver





# Complete the sentences with the terms below.

- *flag hoist*      *signal flags*      *flashing light*  
*semaphore flags*
- 1 There are 68 *signal flags*.. in a full set.
- 2 In the *flashing light*.. system, messages are sent with Morse code.
- 3 The *flag hoist*.. system can only be used in daylight.
- 4 *Semaphore flags*.. are used, along with arm positions, to communicate at greater distances.

**. Read a conversation between two officers, and mark the statements as true (T) or false (F).**

- **Captain:** Lieutenant Daniels, I need you to get a message to another ship.
- **Lieutenant:** Of course, Captain. We're still in the radio silence drill, right?
- **C:** Yes, until we hear otherwise.
- **L:** All right. We'll use flashing light and Morse code.
- **C:** No, that won't work. Anyone will be able to see it.
- **L:** I didn't think of that. In that case, I'll use the Nancy system.
- **C:** Much better. Grab a pen to take down the order.
- **L:** I'm ready when you are.
- 
- 1\_ The ship's radio is malfunctioning. **F**
- 2\_ The man suggests using Morse code. **T**
- 3\_ The message will be sent with the Nancy system. **T**
-

**Act out the dialogue from Task 5 with a partner.  
Then switch roles.**

**USE LANGUAGE SUCH AS:**

- *I need you to ...*
- *I didn't think of that.*
- *I'm ready when you are.*
- **Student A: You are a sailor. Talk to Student B about:**
  - **• sending a message**
  - **• methods of sending the message**
  - **• problems with a method**
- **Student B: You are an officer. Talk to Student A about ways to communicate during a radio silence drill.**

## Writing

Use the conversation in Task 5 to complete the Lieutenant's order.

- Officer: ...Lt.Brown.....
- Date: ....10/02.....
- Message: ...All ships head to harbour.  
Continue silence drill until notified.....
- Communication system to use: ...Nancy  
System....
- Why system is to be used: Nancy System...is to  
be used because radio silence is in  
effect.....