

# BoatUS Foundation

## Boating Equipment - Chapter 2 Worksheet

A U.S. Coast Guard-approved life jacket is the single most important piece of safety equipment on your boat. The majority of boating fatalities are due to drowning and approximately 90% were not wearing a life jacket. (TRUE / FALSE)

The best kind of life jacket is the one that you \_\_\_\_\_ !

(FILL IN THE BLANK)

In my State of \_\_\_\_\_, children under the age of \_\_\_\_\_ are required to wear a life jacket when \_\_\_\_\_.

(FILL IN THE BLANKS)

Match the type of personal flotation device to the typical performance it provides for the intended user. (MATCHING)

Type I



Also known as a throwable device and not to be worn

Type II



Not designed to turn an unconscious person face up

Type III



Will turn most unconscious wearers face up

Type IV



Also known as a special use wearable device

Type V



Will turn some unconscious wearers face up

An inflatable life jacket must be worn to meet federal carriage \_\_\_\_\_ and is not guaranteed to turn an unconscious wearer \_\_\_\_\_. Inflatable life jackets use a \_\_\_\_\_ cylinder to inflate the life jacket. Some inflate \_\_\_\_\_ when in the water while others are activated by pulling a \_\_\_\_\_. Some are designed to be worn around the \_\_\_\_\_ and others are worn over the \_\_\_\_\_. (FILL IN THE BLANKS)



If you see a steady white light it is most likely headed TOWARD /AWAY FROM you and if you see a red and green light at the same time it is most likely headed TOWARD / AWAY FROM you. (SELECT ANSWER)



List some of the main uses of a very high frequency (VHF) radio. (LIST)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Rank the following VHF radio calls in order of urgency from the most urgent to less urgent and summarize their meanings.

(RANK AND SUMMARIZE)

\_\_\_\_\_ SECURITIE. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ MAY DAY. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ PAN-PAN. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

All new fixed mount VHF radios manufactured today have DSC, also known as \_\_\_\_\_ . It has the equivalent of \_\_\_\_\_ button that can be pressed in the event of an \_\_\_\_\_. When properly interfaced with a \_\_\_\_\_ it will automatically broadcast the vessel's \_\_\_\_\_. To properly use you DSC radio you must register it and get an \_\_\_\_\_ number. (FILL IN THE BLANKS)

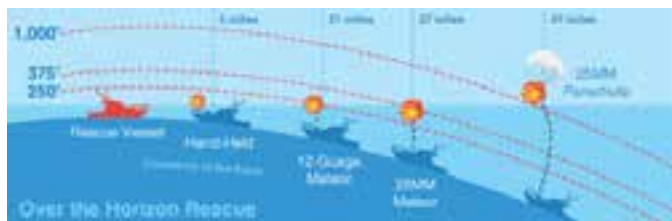
Match the VHF channel with the intended function. (MATCHING)

- W1 a navigational channel or bridge to bridge
- 01 used to speak with the Coast Guard after initial contact
- 13 a working channel used to communicate with another boat
- 16 this channel is used automatically for DSC calls
- 22 ship to ship hailing and distress channel
- 68 reserved for weather broadcast information
- 70 a channel for commercial vessel interaction



Visual distress signals are either \_\_\_\_\_ or non-\_\_\_\_\_. The purpose of visual distress signals is to attract \_\_\_\_\_ when you are in need of \_\_\_\_\_. They are only to be used in an \_\_\_\_\_.

(FILL IN THE BLANKS)



Your State of \_\_\_\_\_ may require or recommend additional safety items. List a few of those items here: (LIST)

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Name at least three of the more common types of non-pyrotechnic devices. (LIST)

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After viewing the four videos on visual distress signals, in your opinion which device is the most effective during the daytime \_\_\_\_\_ and which device is the most effective during the nighttime \_\_\_\_\_. (FILL IN THE BLANK)

Some of the benefits of pyrotechnic visual distress signals are that they are completely safe, they never expire, they work when wet and are fun for all ages. (TRUE/FALSE)