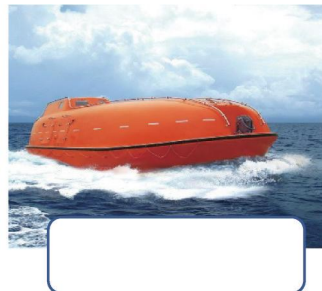




While MOOC-ing

Watch MOOC 10.1.1 and 10.1.2, and Accomplish the Following Tasks

Task 1 Look at the pictures below, and write down the correct names of the lifeboats in the blanks.



Task 2 Fill in the blanks with the missing words.

On the training ship YUKUN of Dalian Maritime University, there are totally _____ lifeboats. The color of the lifeboat is _____ because this color is of high visibility at sea. On the outside of the lifeboat, you can find many different _____. First, a lifeboat should be permanently marked with the _____ of the boat and the _____ of persons it is permitted to accommodate. What's more, _____ of the ship to which the lifeboat belongs shall be marked on each side of the lifeboat's _____ in block capitals of the Roman alphabets. The marks for identifying the ship to which the boat belongs and the number of lifeboat shall be visible from _____. Lifeboats are numbered with odd numbers on the _____ side and even numbers on the _____ side. This will be sequenced from the forward to the aft of the ship.

While MOOC-ing

Task 3 Match the names on the left with the equipment and fittings on the right.



Task 4 Put the following instructions on how to embark and behave in a lifeboat in the correct order.

- ☐ Lower the lifeboat to the boat deck, and check the number of the crew and the crew's life jackets.
- ☐ Start the boat engine and steer the boat away from the ship quickly.
- ☒ Before entering the lifeboat, you should check its condition.
- ☐ Enter the lifeboat only when ordered by an officer or lifeboat man.
- ☐ Pull out the harbor pin, the gripes, and release the brake on the davit.
- ☐ Operate the remote controller in the boat, properly operate the on-load releasing system and separate the boat safely when it is lowered to the water.



Speaking and Thinking

Task 1 The following is a list of common equipment and fittings in a lifeboat. Work in pairs and translate them from English to Chinese or Chinese to English. Then introduce to each other what equipment and fittings are usually carried on a lifeboat.

English Name	Chinese Name	Quantity
buoyant oar		2
boat-hook		2
buoyant bailer		1
bucket		2
survival manual		1
	罗经	1
	海锚	1
painter		2
hatchet		2
	淡水	135 L
rustproof dipper with lanyard		1
rustproof graduated drinking vessel		1
	口粮	45 packs
	火箭降落伞火焰信号	4
	手持火焰信号	6
	漂浮烟雾信号	2
waterproof electric torch		1
daylight signaling mirror		1
copy of life-saving signals		1
	哨笛	1
	急救箱	1
	防晕船药	270 pcs
jack knife		1
tin-operator		3
buoyant rescue quoit		2
manual rescue quoit		1
	钓鱼具	1
sufficient tools		1
	手持灭火器	1
	探照灯	1
	雷达反射器	1
thermal protective aids		5
spare battery		1 set

After MOOC-ing

Task 2 Work in groups of three. Review the knowledge in MOOC 10.1.1 and 10.1.2, and introduce the different types of lifeboats. The following language patterns in *Language focus* can be useful in making a classification.

Language Focus

Based on _____, _____ can be *classified* into *three types*, _____, _____ and _____.

According to _____, _____ can be *divided* into *two categories*, _____ and _____.

Task 3 Work in pairs. Make up a dialogue about the markings on the lifeboat of YUKUN.




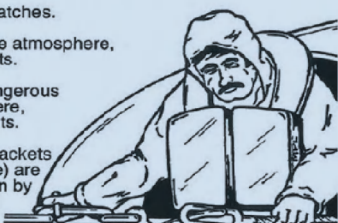
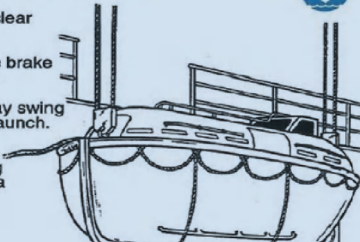

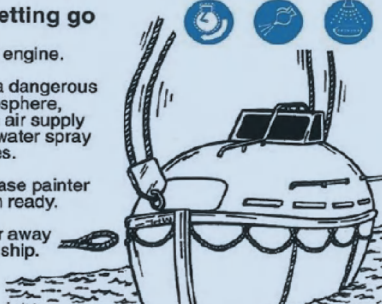

A: Hello, chief officer. It's my great honor to visit YUKUN today. I found that there are many different markings on this lifeboat but I don't know what they mean. Could you tell me about that?

B: Yes. Look at this. Here is a marking...

A: Could you tell me about them?

B: ...

Task 4 An IMO 6-step procedure of launching an enclosed lifeboat is given below. Work in groups of three. Discuss the following steps and then make a group presentation on “How to launch an enclosed lifeboat”.

<p>1 Initial preparations</p> <ul style="list-style-type: none"> • Ensure harbour securing pins are removed. • Disconnect electrical charge cable. • Close drain plugs. • Place E.P.I.R.B. and S.A.R.T. in boat. • Board when instructed, sit and fasten seat belts. 	<p>2 Launch actions</p> <ul style="list-style-type: none"> • Release gripes/securing wires. • Secure hatches. • If in a safe atmosphere, open vents. • If in a dangerous atmosphere, close vents. • Suitable jackets (inflatable) are to be worn by the boats crew. 
<p>3 Lower to water</p> <ul style="list-style-type: none"> • Check clear below. • Operate brake release. • Boat may swing during launch. • Keep lowering boat at a steady rate. 	<p>4 Entering water</p> <ul style="list-style-type: none"> • Allow boat to settle in the water. • Keep brake off. • Release falls. • If falls do not disengage, operate emergency release as follows:- <ol style="list-style-type: none"> 1) Break glass. 2) Move lever to green zone. 3) Release falls. 
<p>5 Letting go</p> <ul style="list-style-type: none"> • Start engine. • If in a dangerous atmosphere, open air supply and water spray valves. • Release painter when ready. • Steer away from ship. 	<p>6 Final actions</p> <ul style="list-style-type: none"> • Rescue any swimming survivors if safe to do so. • When clear of vessel, stream sea anchors. • Operate E.P.I.R.B. and S.A.R.T. 

Task 5 Work in pairs. Ask each other the following questions.

1. What is a lifeboat?
2. What are the requirements of lifeboats?
3. How do you classify lifeboats according to the enclosed spaces?
4. How do you classify lifeboats according to the launching methods?
5. Can you list the markings of a lifeboat?
6. Can you list some equipment and fittings in a lifeboat?
7. Can you give instructions on how to embark and behave in lifeboats?