

7.5 米玻璃钢开敞式机动救生艇
7.5m G.R.P. Open Type Lifeboat

技术规格说明书
Specification and Instruction

宁波新海业救生设备有限公司

NINGBO NEW MARINE LIFESAVING EQUIPMENT CO., LTD.

本《使用说明书》主要参照我国现行开敞式救生艇标准 GB795-85 编制并符合我国 2004 年《国内海船法定检验技术规则》及 1974 年《海上国际人命安全公约》及《内河船舶法定检验技术规则》2011 的要求。

This Manual works out according to the GB795-85. Meet the requirement of the SEABOAT TEST REGULATIONS 2004 and Safety of Life at sea. 1974 and Technical statutory inspection rules for inland river ships (2011) .

1、救生艇的主要参数：Main Parameters

Length of Hull 艇长	7.50 m
Breadth of Hull 艇宽	2.50 m
Depth of Hull 艇深	1.05 m
Occupants 乘员	43persons
Speed 航速	>6 Knots
Center distance 中心距	6.50 m
Engine Type 主机型号	ZX2105J
Rated Output 标准功率	17.6KW
Boat Weight (fully loaded) 满载艇重	6033kg

2、操作说明：Operation

(1)、当母船发生海难事故时，船长发出弃船命令后，每个乘员都应穿上救生衣，注意束紧救生衣的带子，然后集结在大船的登艇平台上。When the mother ship flooded, the caption ordered to abandon the boat, the all occupants should wear lifejackets, tight the belt, than gather to the boarding platform.

(2)、将艇首缆的一端系在救生艇首部的首缆眼环上，另一端留在母船上。Tie one side of the painter to the eye ring of the painter of the stem, the other in the mother ship.

(3)、松开艇架上的救生艇绑扎绳索，并解脱艇架吊臂上的固定装置。Release the tied rope and the fixed installation of the davit arm.

(4)、乘员由母船的登艇平台进入救生艇内，就座在规定的位罝上。Occupants get into the lifeboat from the boarding platform, seated in the fixed seat position.

(5)、在救生艇内可拉动起艇绞车的放艇索（刹车装置），救生艇靠自身的重力倒出舷外，并渐渐向下降落。在降落过程中若要暂停降落，只要松开放艇索，艇就会立即停留在母船的舷侧中。(Be sure that one can push the launching rope in the lifeboat, the lifeboat fall back out of the gunwale, and declining slowly. If pause the declining, release the launching rope, the boat will immediately stop in the one side of the mid-gunwale of the mother ship.

(6)、当艇到达水面后，由二名乘员将前后脱钩拉环拉起，即可脱钩。When the lifeboat Arrives the water surface, two person release the front and behind gets, hook

pulls the link to pull up, Then gets unhooked.

(7)、解脱艇首缆的卸扣，即可将艇迅速驶离母船。

Release the painter bottom, the lifeboat can soon run away from the mother ship.

2、各装置简解：the general introduction

(1)、动力装置 Power system

本《技术规格说明书》所述的动力装置为 2105J 型柴油机组。该机组由 2105C 柴油机与 16A 齿轮箱配套组成，可电起动，也可人力起动。在气温较低起动有困难时，可适量喷射低温起动液，以帮助起动。In this manual the power system is 2105J Diesel engine grope. It contains 2105C Diesel engine and 16A gear box, can both start by electric and manual. If have difficult in starting in the low temperature, adding proper low temperature starting water, to help starting.

(2)、吊钩装置：Release system

救生艇的吊钩装置采用常规的手动装置,即脱钩时由由二名乘员将前后脱钩拉环拉起，即可脱钩。挂钩时，将母船上的起艇机吊环放入吊钩内，使吊环不致从吊钩内脱出即可将艇起吊。The lifeboat hook use the manual system, when release the hook two person push the handle by the mid-ship to be sure both of the hooks in the stem and transom can release at the same time. When hang the hook, make the ring into the hook, the ring can out, and it can hoist the lifeboat.

(3)、操舵装置：Steering system

操舵装置由金属件的舵柱，舵托及舵叶、舵柄等组成、舵叶采用非平衡的平板舵。当艇下水及柴油机启动后，由一人操纵控制舵柄就可达到操舵的目的，并在舵柱处装有舵角限位装置，控制在左右各 35° 间，以免与桨叶相碰而影响航行。It contains steer pillar, steer support, steer leaf and handle. The steer leaf is unbalanced plat steer. Lifeboat go onto the water, start engine, one person control the handle, from the steer pillar to corner about 35°, enable to collide and influence the running.

(4)、其他：Others

(a)、艇上存放属具备品，供乘员应急救援时用。The lifeboat fitted equipments and spare parts, to be used in life-saving.

(b)、艇的左右舷侧外各放置救生浮子和复正扶手、当艇上乘员下水时可攀扶救生浮子上艇，或当艇遇风浪倾复时作为救助，并通过复正扶手将艇恢复正浮状态。The saving buoyant and righting support fitted on both side of the gunwale, when go into the water, it can be climb to embark, or, to use the righting support to keep righting.

(c)、艇上贴有逆光反光带和各种烟火信号，通过反光带的反光和烟火信号的施放，有助于飞机和其他救助船舶的搜索和救助。The retro-reflection tapes shall be fitted on the side of enclosure and having kinds of signals, help the plane and other rescue boat to search and rescue.

序号 No.	属具备品 EQUIPMENT	配备数量 QUANTITY	基本要求 REQUIREMENT
		机动艇 MOTORRIZED	
1	划桨 Ors	4pcs	可浮于水 Buoyant rowing
2	划架 Ors Stand	6pcs	
3	带钩艇篙 Two Boat-Hooks	2pcs	
4	水瓢 Bailer	1pc	
5	水桶 Bucket	2pcs	容量不少于 9L not less than 9L
6	舵及舵柄 Steer and steering handle	1pc	
7	太平斧 Hatchet	2pcs	置于艇首尾, fitted on both sides of bow
8	海锚 Sea Anchor	1pc	配破断力不小于 5KN, 长度不小于 3 倍艇长的海锚索与海锚回收索各 1 根 not less than 5KN, the length not less than the 3 times of hull
9	把手索 Handle rope	1pc	直径为 8mm~12mm diameter is 8mm~12mm
10	艇首缆 Painter	2pcs	
11	口粮 Food ration	1/3set/person	每份口粮发热量 10MJ, 储于水密容器内 the heat is 10MJ, set in the watertightness container
12	淡水 Fresh water	2L/Person	储于无毒水密容器内 Set in watertightness and poi sonless container.
13	饮水量杯 Drinking cup	1pc	无毒材料制, 带刻度 poisonless material, with graduation
14	水勺 Dipper	1pc	无毒材料制, 带细绳系牢 poisonless material, with rope
15	船用红光降落伞 Red parachute	4pcs	应符合有关规定 according to the related code
16	船用红光火焰信号 Red flare signal	6pcs	应符合有关规定 according to the related code

序号 No.	属具备品 EQUIPMENT	配备数量 QUANTITY	基本要求 REQUIREMENT
		机动艇MOTORRIZED	
17	船用橙色烟雾信号 orange smoke signal	2pcs	应符合有关规定 according to the related code
18	防水信号电筒 Water-proof electric touch	1pc	备用电池、电珠各 2 只储于水密容器内 with 2 spare battery 2spare bulb
19	救生浮环 Buoyant quoits	2pcs	带直径 4mm, 长 30m 的浮索 with the buoyant rope diameter 4mm the length 30m
20	手摇泵 Manual pump	1pc	
21	哨笛 Whistle	1pc	
22	防晕船 Anti-seasickness medicine	6pcs/per	每艇不超过 200 片 not more than 200pcs
23	柜 Box	1pc	
24	救生信号解说图表 Life-saving signal table	1pc	印在防水硬纸上或装在防水容器内 typed on water-proof paper or containers
25	折刀 Jack Knife	1pc	附有开罐头器,以短绳系牢 with tin opener
26	急救医药箱 First-aid outfit	1set	置于可盖紧的水密箱内 waterproof
27	手提灭火器 Hand fire extinguisher	1pc	
28	工具箱 Tool box	1set	存放艇机备件及维修工具 Store attachment and keep an implement in repair