

4.3 米救助艇
4.3M RESCUE BOAT

技术规格书
Technical Specification

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1 Design Basis 设计基础

NM43R rescue boat is designed, built and equipped to comply with " 1974 international convention for safety of life at sea" 2006 amendments **MSC.216(82)** , International Life-Saving Appliances Code (LSA)-MSC. 48 (66) and amendments **MSC.218(82)** & **MSC.272(85)**, Testing of Life-Saving Appliances **MSC. 81(70)** and amendments **MSC.226(82)** & **MSC.274(85)**& **MSC.323(89)**.

NM43R 救助艇符合《1974 年国际海上人命安全公约》2006 修正案 MSC. 216 (82) ; 国际救生设备规则 (LSA CODE)-MSC. 48 (66) 及其修正案 MSC. 218 (82) 及 MSC. 272 (85) 以及海安会 MSC. 81 (70) 决议通过《救生设备试验》及其修正案 MSC. 226 (82) 及 MSC. 274 (85) & MSC. 323 (89) 。

2 Main Parameters 主要参数

Length of Hull 艇长	4.30 m
Breadth of Hull 艇宽	1.86 m
Depth of Hull 艇深	0.78 m
Occupants 乘员(82.5kg per person)	6 persons
Speed 航速	>6 Knots
Boat weight (light) included with engine、fuel and equipment 轻载艇重(包含机器、燃油和属具)	605 Kg
Boat Weight (fully loaded) 满载艇重	1100 kg

3 Material 材料

3.1 The hull is constructed by hand lay up with G.R.P. material. The hull and the deck are separately laminated . The space between the hull and the deck is filled with polyurethane foam as buoyancy.

艇体用玻璃钢材料手工铺层制作，艇体和甲板分别铺层，在艇体和甲板之间充填聚氨脂泡沫作浮力材料

3.2 All mats , woven roving and resins applied on boat is accompanied by classification society certificates

所有用在艇上的毡、玻璃布和树脂都有船级社证书

3.3 All fittings on this boat are made of stainless steel, marine grade aluminum or galvanized steel. In order to increase the boat's corrosion-resistant performance.

为了增加艇的防腐性能，所有艇上的配件都采用不锈钢、船用铝合金或镀锌钢

4 Stability and Buoyancy 稳性和浮性

4.1 The polyurethane foam filled in the space between the hull and the deck provides sufficient buoyancy for the rescue boat to prevent the boat from sinking when damaged.

当艇破损时，艇体和甲板之间充填的聚氨脂泡沫能提供足够的浮力防止救助

艇沉没。

- 4.2** The boat is designed to be of sufficient stability and freeboard when it's loaded with its complements and equipment.

救助艇在满载情况下有充分的稳性和足够的干舷

- 4.3** the boat is capable of self-righting when capsizing

当发生倾覆时，本艇具有自扶正功能。

5 Strength 强度

The construction of the boat is designed according to relevant rules to ensure that the boat has enough strength under every rough sea condition. 根据相关规范设计的艇体结构能确保在风大浪急的海况下有足够的强度。

6 Release system 释放系统

NM43R rescue boat is being lowered and recovered with single arm davit onboard; The four pcs of bracket have been fitted on the rescue boat, four pcs of sling are connected from these brackets to lifting ring, the lifting ring is being connected to release hook(3500kg working loading); Crew is able to release this hook on the rescue boat.

Please refer to the instruction manual of rescue boat/raft release hook.

NM43R 救助艇通过母船上的单臂吊艇架释放与回收。艇上有四个吊座，通过这四个吊座用吊索将艇挂在艇架上的吊钩上。此吊钩工作负荷为 3500KG,乘员可在艇上进行吊钩释放操作。

详细内容参考艇筏吊钩使用说明；

7 Engine and steering system 发动机和操舵系统

- 7.1** The rescue boat is powered by an outboard engine

救助艇用一台舷外机驱动

- 7.1.1** MERCURY 25 (gasoline outboard engine 汽油机)

Power 功率: 25HP (18.4KW)

Revolution 转速 5000-5500 RPM

Starting system 启动方式: Manual 手动

Engine weight 机器重量: 51kg

- 7.1.2** Propeller (螺旋桨)

Diameter 直径: 210mm

Pitch 螺距: 260mm

- 7.1.3** Fuel oil tank 燃油箱

Capacity 容量: 35L

No. of set 数量: 1 set

7.1.4 Propeller guard(螺旋桨保护罩)

Material 材料: SUS.不锈钢

No. of set 数量: 1 set

7.2 For detailed operation procedure of the outboard engine. Please refer to the instruction manual supplied with the engine.

更多舷外机操作程序细节，请参考随机提供的说明手册

8 Electrical equipment 电气设备

One set of battery is equipped to start light. Electric unit is 12V DC

艇上装备有一组用来启动灯的电瓶，每个电瓶规格为 12V 直流

9 Loose Equipment 属具

All rescue boat equipment are provided according to LSA Code. For details please refer to Equipment Guide”

所有救助艇属具都符合救生设备规范要求。详细内容参照属具清单

10 Test and Certification 试验和证书

Before delivery, every boat will be tested according to our production test program in our shipyard in presence of the corresponding surveyors and then the boat certification will be issued.

在交艇之前，每艘艇都须在相应船级社验船师在场情况下按产品试验大纲做试验，然后出具证书。