

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2014/93/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Rigid rescue boats

with type designation(s)
NPT 40R

Issued to

Jiangyin Neptune Marine Appliance Co., Ltd.
Jiangyin City, China

is found to comply with the requirements in the following Regulations/Standards:

Annex A.1, item No. A.1/1.18 and Annex B, Module B in the Directive. SOLAS 1974 as amended, Reg. III/4 & III/34. IMO Res.MSC.48(66) as amended.

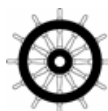
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2020-03-02**.

Issued at **Høvik** on **2016-04-01**

DNV GL local station:
Jiangyin FiS&CMC

Approval Engineer:
Tessa Biever



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

Job Id: **344.1-002247-13**
Certificate No: **MEDB00000ZS**

Product description

NPT40R rigid rescue boat with arrangement for self-righting after capsized. The rescue boat can be equipped with either a single point lifting hook or 4-point lifting slings.

Length:	4.00 m
Breadth:	1.86 m
Depth:	0.85 m
Weight of boat, fully equipped:	650 kg
Weight of boat, fully manned (manual steering):	1310 kg
Weight of boat, fully manned (wheel steering):	1145 kg

Hook manufacturer and type:	Jiangyin Neptune Marine Appliance Co., Ltd.
Hook type:	NPT 30HK offload
Hook SWL:	3000 kg
4-point lifting sling SWL:	15kN

Hull material:	GRP
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Propulsion system:	Outboard engine
Engine manufacturer and type:	Mercury 25, outboard Mercury 30, outboard

Bollard pull (Mercury 25 / Mercury 30):	2 / 2.3 kN
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Application/Limitation

Approved engine power (Mercury 25 / Mercury 30):	18,4/22.1 kW
Number of persons, max (manual steering):	8
Maximum load of persons with 82.5 kg/person (manual steering):	660 kg
Number of persons, max (wheel steering):	6
Maximum load of persons with 82.5 kg/person (wheel steering):	495 kg

Rescue boat equipment and marking/instructions to be inspected after installation onboard the ship. Equipment shall comply with LSA Code and IMO Res. MSC.81(70).

The rescue boat may be fitted with a release hook without on-load release capabilities in accordance with LSA Code 4.4.7.6.9. Hence, if it is to be combined with launching appliances with permanent high speed tensioning device (LSA Code 6.1.7.3), compatibility must be assured.

The design assessment is based on IMO Res. MSC 48(66) as amended by IMO Res. MSC 207(81), IMO Res. MSC 218(82), IMO Res. MSC 272(85) and IMO Res. MSC 320(89).

Production and installation testing shall be carried out according to IMO Res. MSC. 81(70), part 2.

Type Examination documentation

NPT40R-15-01	2	15.10.2002	General Arrangement Manual Steering (One-point lifting hook)
NPT40R-15-02	2	15.10.2002	General Arrangement Manual Steering (Four-points lifting steering)
NPT40R-15-03	0	15.01.2015	General Arrangement wheel steering (one-point lifting hook)
NPT40R-15-04	0	15.01.2015	General Arrangement wheel steering (4-point lifting sling)
NPT40R-16-01	0	15.01.2015	Seating plan (wheel steering)
NPT40R-17-01	2	15.10.2002	Release Mechanism Arrangement (One-point lifting hook)
NPT40R-17-02	2	15.10.2002	Release Mechanism Arrangement (Four-points lifting sling)
344.1-002247-J-2		15.12.2009	Technical file as per approval
NPT40R-17-02-01	0	28.06.2013	Lifting wire rope for 4-points lifting arrangement
NPT30HK-02	0	10.09.2012	Installation, Operation and Maintenance for NPT30HK Off-load Release Hook
NTP40R-02			Operation / maintenance manuals (wheel steering)
NPT30HK-06	0	10.09.2012	NPT30HK Release Hook Arrangement
MED-MB-1026-12		22.11.2012	EC Type Examined Certificate of Release mechanism for lifeboats and rescue boats launched by a fall or falls
NPT40R-07-01	0	16.05.2013	Hook seat strength calculation sheet, Off-load release hook
NPT40R-07-02	0	28.06.2013	Hook seat strength calculation sheet
		23.12.2009 21.06.2013 15.07.2013 06.02.2015 06.03.2015	Prototype test report witnessed by DNV

Tests carried out

Marking of product

The product is to be indelibly marked with name of manufacture, type designation, dimensions and date of manufacture, according to LSA code item 4.4.1.2 and the mark of conformity.

List of rescue boat equipment to be posted in the boat.