

CERTIFICATE OF CONFORMITY - EC

Certificate No:
MEDG000001H

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 Lifeboats: Free-fall lifeboats

with type designation and item/batch number
NPT59FF, Serial no. 593332

Issued to

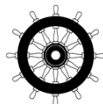
Jiangyin Neptune Marine Appliance Co., Ltd
Jiangyin City Jiangsu, China

is, by design assessment and product verification, in accordance with Module G in the Directive and found to comply with

Annex A.1, item No. A.1/1.17b and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation III/4, III/21, III/31, III/34 & X/3, LSA Code, IMO MSC/Circ. 1006 & 1423, and 2000 HSC Code 8

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

Høvik, 2015-12-01
for **DNV GL AS**



Notified Body No.: **0575**

Vidar Dolonen
Head of Department

DNV GL local office:
Jiangyin FiS&CMC

Tessa Biever
Surveyor

Job Id: **344.1-002025-5**
Certificate No: **MEDG000001H**

Product description

Totally enclosed fire-protected free-fall lifeboat and with self-contained air support system NPT59FF (tanker version).

Length:	5.90 m
Breadth:	2.55 m
Depth:	0.85 m
Weight of boat, fully equipped:	3940 kg
Weight of boat, fully manned 82.5 kg/person:	5425 kg
Hook manufacturer and type:	Jiangyin Neptune Marine Appliance Co. Ltd, NPT70HKF, onload
Hook SWL	7000 kg
Hull material:	GRP
Propulsion system:	Inboard engine
Engine manufacturer and type:	Zhenjiang Siyang Diesel Engine Manufacturing, 380J-3
Bollard pull:	2.9 kN

Application/Limitation

Approved engine power:	20.6 kW
Maximum number of persons:	18
Maximum load of persons 82.5 kg/person:	1485 kg
Maximum free-fall certification height	16.0 m
Minimum launching ramp length	6.60 m
Launching ramp angle	35 °

- Unless free-fall lifeboat lashing can be released from inside it shall be arranged to preclude boarding until it is removed.
- For free-fall lifeboats inflatable lifejackets are recommended.
- Lifeboat 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 design assessment is based on IMO Res. MSC 48(66) as amended by IMO Res. MSC 207(81), IMO Res. MSC 218(82) and IMO Res. MSC 272(85).
- Production and installation testing shall be carried out according to IMO Res. MSC. 81(70), part 2.

Type Examination documentation

Basis for approval:

Drawings for NPT 59 FF/FC (our reference 344.1-002025 – technical documentation)	2012-12-11 2010-11-01
Prototype test report witnessed by DNV	2013-02-22 2010-09-(2-3)
Test report of Fire-retardant materials (IMO MSC/Circ. 1006) by Shanghai R&D Center for Polymer Materials, Shanghai, China	2009-11-15
Laminate strength properties - Shanghai R&D Center for Polymer Materials, Shanghai, China	2010-09-29
NPT 59 FF/FC Scale Model test report by Testing and Calibration Laboratory of Vibration and Noise of SMDERI (TCLVN), Shanghai, China	2010-09-29
Assessment checklist	2015-11-17
Fabrication checklist and report	2015-11-17

Tests carried out

Tests are documented in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC 81(70) part 1, as amended by IMO Res. MSC.226(82), IMO Res. MSC.274(85), IMO Res. MSC.323(89) and IMO MSC/Circ.1006.

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.

List of lifeboat equipment to be posted in the boat.