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Notified Body authorised by
BSH 0800-S23/4822:013

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Certificate No: LR2319457MB

Issue Date: 15/03/2022

Expiry Date: 14/03/2027

EC Type Examination (Module B) Certificate

This is to certify that:

LLOYD'S REGISTER Marine Deutschland GmbH (LRMD), designated as a "notified body" based on the notification of the Federal Maritime and Hydrographic Agency of Germany, did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU and the valid Commission Implementing Regulation (EU) in force indicating design, construction and performance requirements and testing standards for marine equipment, subject to the conditions below and the attached Schedule which also forms part of this Certificate.

Manufacturer	NARWHAL BOATS SL
Address	P.I.A Granxa, Avenida Principal s/n, 36475 Porriño, Spain Marine Equipment Directive (MED) 2014/90/EU, Regulation (EU) 2021/1158
Reference	
Regulation Item (No. & Item Designation)	MED/1.43 Rigid/Inflated Rescue Boats
Product Type	RESCUE BOATS
Product Description	6/8 persons outboard powered davit-launched rigid/inflated rescue boat - Type: "SV-750"
Specified Standard	Resolution MSC 81 (70) Amended by Resolution MSC.200(80), MSC.226(82), MSC.274(85), MSC.295(87), MSC.321(89), MSC.323(89), MSC.378(93), MSC.427(98), MSC.472(101) and MSC 488(103) as applicable IMO MSC/Circ.1006 ISO 15372:2000 + A1:2021.
Trade Name	"SV-750"

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to and agreed with the notified body named on this certificate. The manufacturer should notify LRMD of any modification or changes to the equipment in order to obtain a valid Certificate.

Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be re-approved prior being placed on the market and on board vessels to which the amended regulations or standards apply.

The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D,E, or F) of ANNEX II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

Lloyd's Register Marine Deutschland GmbH, Überseeallee 10, D-20457 Hamburg, Germany.
A member of the Lloyd's Register group

Lijo Thomas

Senior Surveyor

For and on behalf of Lloyd's Register Marine Deutschland GmbH (2923)

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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR2319457MB

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

This Certificate Supersedes and is a Renewal of Certificate Number 0525-MED-DE-MED 1750048/M1

Approval Documentation

Operation and Maintenance Manual for Rigid Inflated Rescue Boat Type "SV-750"

<u>Dwg No.</u>	<u>Rev. No.</u>	<u>Date</u>	<u>Drawing Title</u>
CSV75001	A	19.01.10	GENERAL LAYOUT
CSV75002	1	12.05.11	MAIN DIMENSIONS
CSV75005	A	19.01.10	HULL SCANTLING
CSV75006	A	19.01.10	DECK SCANTLING
CSV75009	A	23.09.10	STEERING AND PROPULSION
CSV75011	3	24.05.11	ELECTRIC SYSTEM
CSV75012	A	19.01.10	TOWING & HOISTING SYSTEM
CSV75013	A	19.01.10	DRAINING & OPENINGS
CSV75008	A	19.01.10	INFLATABLE COLLAR
7.2/13	1	19.01.10	HULL BUOYANCY FOAM

Test Reports

- MSC/CIRC.980 Prototype Test Report for Rigid Rescue Boat Type "SV-750" dated 15.02.2010 as witnessed by a Lloyd's Register Surveyor
- TEST REPORT for acceptance of fire-retardant materials for the construction of the lifeboat performed as per IMO MSC. Circular 1006 performed at CIDEMCO TECNALIA, Report No: 26167 dated 18.10.2010 and Report No: K276-2005 dated 06.05.2005

Conditions of Certification

1.	Rescue Boat Weights:-	Dimensions (Overall)	
	Lightweight	: 1617 kg	7.48 x 2.77 x 1.15 metres (L x B x D)
	Fully equipped weight	: 2250 kg	
	Complement weight	: 660 kg, 8 persons @ 82.5 kg	
	Recovery weight	: 2910 kg with 8 persons	
	Fully laden weight	: 2910 kg with 8 persons	

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2. **Certified Equipment Details:-**

Manufacturer : YAMAHA MOTOR ESPANA,S.A.
 Type : YAMAHA F150 A
 Power : 110,3kW
 Maximum Bollard pull : 11340N

<u>Materials</u>	<u>Type</u>	<u>Manufacturer</u>
Gel Coat resin	BUFA –MARINE –NPG-GELCOAT TYPE 748-9999	BUFA GELCOAT PLUS GmbH & Co. KG
Polyester Resin	BUFA FIRESTOP S 590	BUFA GELCOAT PLUS
Chopped Strand mat	MAT 92	PPG SINOMA
Buoyant Material	ISOTHANE ECOFIL 40	ISOTHANE Ltd.
Coated Fabric for inflatable chambers	ORCA 866	PENNEL & FLIPO
Coated Fabric for inflatable chambers	1PU4-U4 AR/GR	CHIORINO

3. This boat is not self-righting.
4. The launching/recovery appliance is to be capable of raising the rescue boat from the water with its full rescue boat complement of people and equipment at a rate of not less than 0.3m/s.
5. The rescue boat is provided with a fixed single-point suspension arrangement for launching from a ship at sea and shall be equipped with an approved release mechanism certified for a maximum safe working load (SWL) of not less than the boat's maximum fully laden weight.
6. All equipment installed on board is to be of an approved type as required by SOLAS and the LSA Code. Equipment items listed on the current version of the Commission Implementing act for the Marine Equipment Directive (2014/90/EU) which are supplied with the Rescue boat are to be delivered with their own Declaration of Conformity issued by the corresponding manufacturer when delivered to EC flagged vessels.
7. Any inspection, maintenance, thorough examination, operational testing, overhaul, and repair shall be carried out according to requirements of resolution MSC.402(96).
8. The rescue boat is to be provided with a 'foul weather recovery strop(s)' of Safe Working Load equivalent to at least the maximum laden weight of the boat. Additionally, if necessary for stowage without re-launching, provision is to be made for "hanging-off".
9. It is to be demonstrated to the attending surveyor's satisfaction that the rescue boat can be raised/lowered without interference with the occupants of the boat.
10. For compliance with SOLAS Regulation III/35 and III/36 fully detailed operations and maintenance manuals shall be supplied with each rescue boat.
11. The release gear does not form a part of this design appraisal but it is expected that the release gear used in conjunction with the rescue boat covered under this certificate is an approved type.
12. The loose lifting gear is to be tested in accordance with the requirements of the IMO Resolution MSC.81 (70) and Chapter 12 of the LR Code for lifting appliances as appropriate, to the attending Surveyor's satisfaction.

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13. The rescue boat is to be marked in block capitals of the Roman Alphabet with the number of persons it is approved to carry, the name and port of registry of the ship to which the boat belongs; and means of identifying from above the ship to which the boat belongs along with the number of the boat.
14. The rescue boat may be approved for up to a maximum of 8 persons provided the seating arrangement is to the satisfaction of the attending Surveyor.
15. Installation on board: The launching arrangements and installation of the boat are not part of this design appraisal or certificate. All such arrangements are to be to the satisfaction of the attending Surveyors.
16. Each rescue boat is to be marked with the information required by LSA Code, Paragraph 1.2.2.9 and 4.4.1.2.
17. Alterations/modifications of the Type Approval Rescue boat will invalidate the Type Approval Certificate which, in turn, will affect the validity of the related Statutory Certificate of the vessel on which the Rescue Boat is installed. In such cases, where equipment requires alterations/modifications, these are only to be carried out with the agreement/approval of the Flag State Administration of the vessel on which the Rescue boat is installed on an installation-by-installation basis. This certificate may be suspended or cancelled if the manufacturer deviates from any of the conditions described herein.
18. The attachment of each release mechanism to the boats structure shall be to the satisfaction of the attending Surveyor.
19. If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply.
20. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81 (70), Part 2 and be recorded by the manufacturer in accordance with either the approved Production Quality Assurance system (Module D) or witnessed by the Notified Body as required by the Product Verification (Module F) of the Marine Equipment Directive. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered (i.e. the flag state) or those acting on behalf of that Administration.
21. Should a change of Place of Production from that stated below be required i.e. where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This Certificate will require to be updated for Approval to be maintained.
22. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E) or a Product Verification Process (Module F). The wheelmark cannot be affixed to the product until a conformity assessment module is in place.
23. Each item, batch or lot of the equipment is to be issued with a “Declaration of Conformity” and have the “Mark of Conformity” affixed after a conformity assessment module is in place.
24. The manufacturer shall keep a copy of the EC type-examination certificate, its annexes and additions together with the technical documentation at the disposal of the national authorities for at least 10 years after the wheel mark has been affixed on the last product manufactured and in no case for a period shorter than the expected life of the marine equipment concerned.

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Reference: UKITSO/LSA/TA/LT/WP48735545/PRJ11100394404

Place of Production

NARWHAL BOATS SL
P.I. A Granxa
Avenida Principal s/n
36475 Porriño
Spain

Lijo Thomas
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
For and on behalf of Lloyd's Register Marine Deutschland
LRMD EC Distinguishing No. 2923

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