

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of Norway.

## This is to certify:

**That the Rigid/inflated rescue boats**

with type designation(s)  
**RR-40**

Issued to

**NEUMATICAS DE VIGO, S.A.U.**  
**Meira - Moaña, Pontevedra, Spain**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation (EU) 2018/773,  
item No. MED/1.43. SOLAS 1974 as amended, Regulation III/4, III/21, III/31, III/34 & X/3  
LSA Code, 2000 HSC Code 8, IMO MSC/Circ.1006 and ISO 15372:2000

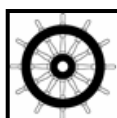
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2024-01-14**.

Issued at **Høvik** on **2019-01-15**

DNV GL local station:  
**Vigo**

Approval Engineer:  
**Nathaniel Frithiof**



Notified Body  
No.: **0575**

for **DNV GL AS**

**Roald Vårheim**  
**Head of Notified Body**



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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.  
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.  
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Job Id: **344.1-001525-19**  
Certificate No: **MEDB00004KS**

## Product description

RR-40 rigid / inflated rescue boat:

|                                       |                                                                              |
|---------------------------------------|------------------------------------------------------------------------------|
| Length:                               | 4.19 m                                                                       |
| Breadth:                              | 2.02 m                                                                       |
| Depth:                                | 0.54 m                                                                       |
| Weight of boat, fully equipped:       | 416 kg                                                                       |
| Weight of boat, fully manned 82.5 kg: | 911 kg                                                                       |
| Hull material:                        | GRP                                                                          |
| Propulsion system:                    | Outboard engine                                                              |
| Engine manufacturer and type          | Yamaha 25 Hp<br>Yamaha 40 Hp<br>Marine Mercury 25 Hp<br>Marine Mercury 40 Hp |

|               |                                |
|---------------|--------------------------------|
| Bollard pull: | 1,57 kN ( Yamaha 25 Hp)        |
|               | 3,53 kN ( Yamaha 40 Hp)        |
|               | 1,40 kN (Marine Mercury 25 Hp) |
|               | 3,08 kN (Marine Mercury 40 Hp) |

## Application/Limitation

|                                 |                  |
|---------------------------------|------------------|
| Approved engine power:          | 18.6 kW -29.4 kW |
| Number of persons, max          | 6                |
| Maximum load of persons 82.5 kg | 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 is fitted with a release hook without on-load release capabilities, in accordance with LSA Code 4.4.7.6.9. If it is to be combined with launching appliances with a 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

This certificate replaces MED-B-7968.

- Standardizing dossier RR-40 R.I.B issued by Neumaticas De Vigo, S.A, updated 2010-01-18.
- Drawings approved by DNV on 2004-07-08 as detailed in approval letter of same date.
- Lifting Arrangement and constructive requirements report, dated 2014-03-05.
- Calculations of the hull structure, dated 2013-03-31.
- Reference strength test of GRP, by RODMAN, dated 2013-06-03.
- Fixation detail arrangement, dated 2014-03-05.
- Reports from prototype tests witnessed by DNV, dated 2004-05-18.
- Reports from prototype tests witnessed by DNV, dated 2007-06-25, 2007-07-06, 2007-08-10, 2007-09-07 and 2008-06-16
- Testreport 2011-1688-1 dd. 17-06-2011 (IMO MSC/Circ. 1006-3 and IMO MSC/Circ. 1006-4)
- Testreport 272-B/2009 d.d. 09-09-2009 (ISO 15372:2000)



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### **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.321(89), IMO Res.323(89), IMO MSC/Circ.1006 and ISO 15372:2000.

### **Marking of product**

The product is to be indelibly marked with name and address of manufacturer, boat model and serial number, month and year of manufacturer, number of persons approved for and operational restrictions, if any, according to LSA code item 4.4.1.2 and the mark of conformity (see page 1).

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