

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB00006WS**

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

## This is to certify:

**That the Rigid/inflated rescue boats**

with type designation(s)  
**6.5 M RIB**

Issued to

**Asis Boats L.L.C**  
**Dubai, United Arab Emirates**

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

Regulation (EU) 2021/1158,

**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**

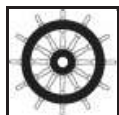
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2026-10-12**.

Issued at **Hamburg** on **2021-10-13**

DNV local station:  
**New Building Dubai**

Approval Engineer:  
**Michael Oberländer**



Notified Body  
No.: **0098**



for **DNV SE**  
Digitally Signed By: Mydlak-Röder, Christine  
Location: DNV GL SE, Hamburg

**Christine Mydlak-Roeder**  
**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 SE 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

**LEGAL DISCLAIMER:** Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



## Product description

"ASIS 6.5 RIB" is a rigid / inflated rescue boat equipped with steering console and a self-righting device fitted in an A-frame at the stern. The boat is fitted with a 4-sling lifting arrangement.

ASIS 6.5 M RIB		
Material	Type	Manufacturer
Fire retardant polyester resin	Polyester Synthetic ISO Resin	Reichhold AS
Polyester resin	Polylite 721-800 ISO resin	Reichhold AS
Fire retardant gelcoat	Polyester Synthetic Resin-Norpol NGA	Reichhold AS
Glass Fibre	CSM (300-850 g/m <sup>2</sup> )	CPIC Fiberglass, Bahrain
Inflated tube ISO15372:2000	ORCA 866 polyester high tenacity 1670 dtex – 1500 deniers	Pennel & Flipo

Length over all: 6.43 m  
Breadth over all: 2.49 m  
Height over all: 2.27 m

Number of persons (82.5 kg each): max. 6

Weight of boat, fully equipped: 1545 kg  
Weight of boat, fully manned: 2040 kg

Lifting Arrangement: 4-leg flat woven webbing sling c/w master link assembly (SWL 5.0 t)

Propulsion system: Outboard engine  
Engine manufacturer and type: 2 x 60 hp YAMAHA FT60DETL or  
1 x 90 hp YAMAHA 90AETOL  
(engines to be MED approved type with propeller guard)

Bollard pull: sufficient for towing a 25 person liferaft

## Application/Limitation

Number of persons, max: 6  
Maximum launching weight, as tested with 6 persons: 2040 kg  
Approved colour: orange

The rescue boat equipment shall comply with LSA Code 5.1.2. A list of the equipment to be posted inside the boat.

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) and IMO Res. MSC.320(89).

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

The rescue boat should be fitted with hardware means limiting the maximum speed of the boat to maximum 20 knots (ref. MarED Approved Recommendation LSA-075).

An operation and maintenance manual to be delivered together with each boat.

This certificate is replacing the previous MED-B certificate 11925-10 HH issued by DNV GL.

## Type Examination documentation

Basis for approval:  
Main drawings:  
- General arrangement 6.5M Rev.0 dated 2020-11-23

- Lamination detail Rev.0, dated 2008-09-15
- Stringer details Rev.0, dated 2020-05-18
- Lifting hook details Rev.0, dated 2009-12-31
- Painter release Rev.0, dated 2010-02-23
- Engine fixation details Rev.0, dated 2009-12-30

Test reports:

- Evaluation and test report (MSC/Circ.980/Add2 5.4) Dated 2015-04-06
- GRP test report WR10-05300 dated 2010-04-24 by Al Futtaim Exova/Dubai
- SOLAS Compliance report of Noble Denton no.O.100/ODV077/ARK dated 2010-03-24

### 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) and IMO Res. MSC.323(89), and IMO MSC/Circ.1006.

### 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 manufacture, 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).