



Marine & Offshore

Certificate number: 26921/C1 MED

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This certificate is not valid when presented without the full attached schedule composed of 7 sections  
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

## EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2023/1667 of 8 Aug. 2023

This certificate is issued to:

**SURVITEC GROUP LIMITED**

Kingsway, Dunmurry, Belfast, BT17 9AF, BELFAST, UNITED KINGDOM

for the type of product

**RIGID/INFLATED RESCUE BOATS**

RIBO 600

### Requirements:

SOLAS 74 Convention as amended, Regulations III/4, X/3, III/21, III/31 and III/34

IMO Res. MSC.48(66) -(LSA Code)- amended by MSC.207(81), MSC.218(82), MSC.272(85), MSC.293(87), MSC.320(89), MSC.368(93), MSC.425(98), MSC.459(101) and MSC.485(103) I, V

IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 8

IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 8

IMO Res. MSC.81(70) amended by 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)

IMO MSC/Circ.1006 and IMO MSC.1/Circ.1631

ISO 15372:2000 + A1:2021

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.

**This certificate will expire on: 15 Aug 2025**

For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV LONDON, on 22 Apr 2024,

Spencer Yule

**This certificate was created electronically and is valid without signature**



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

## THE SCHEDULE OF APPROVAL

### 1. PRODUCT DESCRIPTION:

<b>Type</b>	Rigid/Inflated Rescue Boat of GRP Construction with 4 points lifting slings
<b>Designation</b>	RIBO 600

Overall dimensions (mm)			Maximum Capacity
Length	Breadth	Depth	6 persons including one person lying down on a stretcher
6000 mm	2450 mm	585 mm	

RIBO 600 Equipped of the Engine	Yamaha 70HP - 4 Strokes	Mercury F90 - 4 Strokes
<b>Light Weight (Fully Equipped)</b>	752 kg	798 kg
<b>Full Load (6 persons)</b>	1247 kg	1293 kg

### 2. DOCUMENTS AND DRAWINGS:

#### Design Record:

Reference Number	Date	Revision	Title	Pages
BF-11-62	02/02/2024	7	RIBO 600	7

#### Drawings:

Reference Number	Date	Revision	Title	Pages
400400	24/05/2013	-	D Ring 25mm Patch	1
400445	16/01/2014	C	Sling	1
400462	27/02/2015	A	Equipment Bag	1
400475	02/09/2014	A	Reinforcing Plate	1
400547	04/11/2020	A	Self-Righting System	1
400549	05/10/2020	B	Self-Righting Fixing System	1
400550	16/07/2013	-	Drain Mounting	1
400559	16/10/2020	B	Righting Buoyancy Bag	1
400561	12/10/2020	A	Accessories Position on Transom	1
400562	16/07/2013	-	Lifting Point Position	1
400563	16/07/2013	-	Eyed Screw	1
400565	12/12/2013	A	Drawing for Cradle	1
400575	18/07/2013	-	Towing Loop	1
400576	17/07/2013	-	Drain Manufacturing	1
400577	17/07/2013	-	Righting Bag Command Pocket	1
400557	16/07/2013	-	Engine Pail	1
400578	17/07/2013	-	Buoyancy Volumes	1
400579	18/07/2013	-	Buoyancy Main Assembly	1
400580	12/10/2020	A	Reflective Tape Position Under Hull	1
400581	18/07/2013	-	Main Assembly	1
400583	18/07/2013	-	Rescue Ladder Installation	1
400602	21/11/2023	C	Identification Label	1
400624	05/10/2020	A	Webbing for Low Lifeline	1
400626	09/10/2020	A	Charger Diagram	1
400628	20/11/2020	B	Propulsion & Steering System	1
401210	12/04/2017	-	Front Towing System	1
401256	15/06/2017	-	Compass Position	1
401301	24/07/2017	-	Label Position	1
A-100000	20/10/2019	-	Self-Righting Frame	1
A-100001	19/11/2019	-	Control Panel	1
A-100003	08/10/2020	B	2 Passengers Seat	1
A-100004	09/10/2020	B	Jockey Seat With Battery	1
P-100161	15/12/2020	-	Tiller for Mercury Engines	1
P-100347	09/12/2020	-	Tiller for Yamaha Engines	1

**Structural Drawings:**

Reference Number	Date	Revision	Title	Pages
400523	12/07/2013	-	Hull Assembly	1
400525	12/07/2013	-	Wood Cutting for Hull	1
400529	12/07/2013	-	Hull Cutting	1
400534	16/07/2013	-	Linking Upper & Lower Deck	1
400553	16/07/2013	-	Hull Tube Assembly	1
400625	29/07/2013	-	Foam Position	4
400562	16/07/2013	-	Lifting Point Position	1
400567	17/07/2013	-	Wood Reinforcement Positions	1
400568	17/07/2013	-	Hull Wood Reinforcement	1
400635	21/11/2023	C	Hull	11
400636	21/11/2023	C	Upper Deck	18
401208	12/04/2017	-	Deck Fittings	1
401662	21/11/2023	B	Hull stratification	1

**Materials and Components:**

Reference Number	Date	Revision	Title	Pages
D.I.F RIBO EC	22/01/2024	V	Suppliers File RIBO EC	6

No departure from these documents is permitted without the prior consent of the Society.

**3. TEST REPORTS:****Rescue boat**

Date	Test Report
01/12/2011 & 11/01/2012	BE 049/2011 Initial Type test on serial number XDC-ES-C529C C111
13/03/2020	BE 004/2020 Additional type test performed on serial number XDCC796CI111
18/11/2020	BE 022/2020 Additional type test performed on serial number XDCAD000

**Laminate material of hull and rigid cover**

Date	Test Report
08/11/2023 Rev.1	WIL-537851 Exposure to Laboratory light Sources
Revision 2	DM-QTD 2023-087 Fire retardant & Flame resistance testing

**Inherent and additional buoyancy materials**

Date	Test Report
17/12/2008	LA 08 TLS 2317 P.V Initial test report
10/04/2012	R024-BNN-12-100094-1/A Additional test report

**Maximum towing forces**

Towing Force (N)	Engine Type	
	Yamaha 70HP - 4 Strokes	Mercury F90 - 4 Strokes
<i>Related Test Report</i>	3760	5800
<i>Forces measured with rescue boat serial number</i>	BE 004/2020	PV BE022-2020
	XDCC796CI111	XDCAD000

**4. APPLICATION / LIMITATION:**

- The scope of the appraisal made by Bureau Veritas to issue this certificate is strictly restricted to the relevant requirements stated on the front page of this certificate.
- Application / limitation as per product description and requirements stated on front page of this certificate.
- The period of shelf life of equipment subjected to deterioration with age is to be indicated.
- On board installation & maintenance as per requirements stated on front page of this certificate.
- The following components shall have to comply with the requirements of MED 2014/90/EU, as amended, and be wheelmarked:

**Propulsion Engines**

Manufacturer	Yamaha	Mercury
Type	Yamaha 70HP - 4 Strokes Yamaha F70AETL	Mercury F90 - 4 Strokes Mercury Seapro F90 EFI ELPT
Power	51.5 kW @ 5800tr/min	67 kW

**Others**

Designation	Additional information
Release Mechanism Position indicating lights Thermal protective aids Retro reflective materials Radar reflector Portable fire-extinguishing equipment Compass: Searchlight	with indication of SWL      Artica 2"3/4 BA2 (Riviera Srl)

- Other rescue boat equipment as listed in LSA Code chapter 5.1.2.2, 5.1.2.3, 5.1.2.4, means for recharging searchlight batteries as per LSA Code chapter 4.4.6.11 and searchlight batteries is to be to the satisfaction of the ship's flag administration for acceptance of the equipped rescue boat on board the concerned ship.
- Electrical components including batteries to be as per documents and drawings listed in paragraph 2.

**Fabric for inflated parts**

Reference:	Type:	Manufacturer:
Fabric	ORCA 866	Pennel & Flipo

**Raw materials for the G.R.P Hull**

Reference:	Type:	Manufacturer:
Gel Coat	BUFA ISO 3000	BUFA composite system
Resin	BUFA Firestop 8175 H 13239 TA	Ashland Polynt Composites
Mats	M705 Choped Strand Mat 3209 E-QX868	Owens corning
Woven Roving	600g/m <sup>2</sup>	QUIMIDROGA
UD	Ruban 8002	Les Fils d'Auguste Chomarar et Cie
Buoyancy material	POL CX 25 STD Gris	Flexicel

**5. PRODUCTION SURVEY REQUIREMENTS:**

The raw materials are to be traceable in case of compatibility problems in repair.

5.1 - This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

5.2 - The manufacturer shall institute a quality control procedure to ensure that rescue boats are produced to the same standard as the approved prototype and shall keep records of any production tests carried out in accordance with instructions given in IMO Resolution MSC.81 (70) Part 2.

5.3 - Each rescue boat intended to be fitted onboard a ship registered to a National register adhering to the Directive shall be delivered with a Declaration of Conformity.

5.4 - Each equipment, or batch of equipment, is to be supplied with its Manual(s) for installation, use and maintenance.

**6. MARKING OF PRODUCT:**

The rigid/inflated rescue boat shall be marked with:

- Reference is made to MED 2014/90/EU chapter 2.  
In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).
- Markings as per chapters 1.2, 4.4.1.2, 4.4.9 and 5.1.3.4 of LSA Code as amended.

**7. OTHERS:**

It is **SURVITEC GROUP LIMITED** responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

This certificate supersedes the previous Type Examination Certificate No.26921/C0 MED dated 06/10/2022 issued by the Society.

**\*\*\* END OF CERTIFICATE \*\*\***