



Marine & Offshore

Certificate number: 26921/C0 MED

File number: LSA 87048/02

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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) 2022/1157 of 4 July 2022

This certificate is issued to:

SURVITEC GROUP LIMITED
DUNMURRY - 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

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 06 Oct 2022,

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:

Type	Rigid/Inflated Rescue Boat of GRP Construction with 4 points lifting slings
Designation	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
Light Weight (Fully Equipped)	752 kg	798 kg
Full Load (6 persons)	1247 kg	1293 kg

2. DOCUMENTS AND DRAWINGS:

Design Record:

Reference Number	Date	Revision	Title	Pages
BF-11-62	12/09/2022	6	RIBO 600	9

Drawings:

Reference Number	Date	Revision	Title	Pages
400400	24/05/2013	-	D Ring 25mm Patch	1
400445	16/01/2014	C	Sling	1
400462	26/02/2015	-	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	-	Boyancy 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	19/07/2017	A	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 Cuting for Hull	1
400529	12/07/2013	-	Hull Cutting	1
400534	12/07/2013	-	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	02/11/2020	B	Hull	11
400636	02/11/2020	B	Upper Deck	18
400720	13/06/2013	-	Aft Board	6
401208	12/04/2017	-	Deck Fittings	1
401662	06/11/2018	-	Hull stratification	1

Materials and Components:

Reference Number	Date	Revision	Title	Pages
D.I.F RIBO EC	09/09/2022	Q	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
02/12/2019	002-2019/01 Rev. 1 Fire retardancy test, Flame resistance test & Strength test
28/06/2019	002-2019/01 Rev. 0 Strength test
05/11/2019	1873.IIS0025/19 Fire retardancy test
05/11/2019	1874.IIS0035/19 Flame resistance test
05/11/2019	1875.IIS0035/19 Flame resistance test
05/11/2019	1876.IIS0035/19 Flame resistance test

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
	<i>XDCC796CI111</i>	<i>XDCAD000</i>

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 and 5.1.2.4 is to be to the satisfaction of the ship's flag administration for acceptance of the equipped fast 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	UNIGEL 15M	Cromogenia-unit,S.A.
Resin	HETRON F 240 TF H 13239 TA	Ashland Polynt Composites
Mats	M705 Choped Strand Mat 3209 E-QX868	Owens corning
Woven Roving	600g/m ²	QUIMIDROGA
UD	Ruban 8002	Les Fils d'Auguste Chomarat 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 E Product 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.

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.

The manufacturer shall keep records of any production tests carried out in accordance with instructions given in IMO resolution MSC.81(70) Part 2 as amended.

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 SAS** 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/B2 MED dated 02/02/2022 issued by the Society.

*** END OF CERTIFICATE ***