



Marine & Offshore

Certificate number: 26921/B0 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) 2017/306 of 06 Feb. 2017

This certificate is issued to:

SURVITEC SAS

CHEVANCEAUX - FRANCE

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) and MSC.368(93) 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) and MSC.378(93)

IMO MSC/Circ.980 and IMO MSC/Circ.1006

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: 18 Oct 2022

For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV BORDEAUX, on 18 Oct 2017,

Mathieu OLIVIER



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	

Weight of boat	RIBO 600 (Yamaha Engine)	RIBO 600 (Evinrude Engine)
Light Weight (Fully Equipped)	785 kg	760.5 kg
Full Load (6 persons)	1280 kg	1255.5 kg

2. DOCUMENTS AND DRAWINGS:

Design Record:

Reference Number	Date	Revision	Title	Pages
BF-11-62	26/09/2017	4	RIBO 600	9

Drawings:

Reference Number	Date	Revision	Title	Pages
400581	18/07/2013	-	Main Assembly	1
401301	24/07/2017	-	Label Position	1
400583	18/07/2013	-	Rescue Ladder Installation	1
400628	29/07/2013	-	Propulsion & Steering System	1
400561	28/06/2016	-	Accessories Position on Transom	1
400576	17/07/2013	-	Drain Manufacturing	1
400624	26/07/2013	-	Webbing for Low Lifeline	1
400462	26/02/2015	A	Equipment Bag	1
400562	16/07/2013	-	Lifting Point Position	1
400475	02/09/2014	A	Reinforcing Plate	1
400565	12/12/2013	A	Drawing for Cradle	1
400563	16/07/2013	-	Eyed Screw	1
400445	16/01/2014	C	Sling	1
400550	16/07/2013	-	Drain Mounting	1
400575	17/07/2013	-	Towing Loop	1
401210	12/04/2017	-	Front Towing System	1
400578	17/07/2013	-	Buoyancy Volumes	1
400579	18/07/2013	-	Boyancy Main Assembly	1
400400	24/05/2013	-	D Ring 25mm Patch	1
400580	07/09/2016	-	Reflective Tape Position Under Hull	1
400545	15/07/2013	-	Self-Righting Frame	1
400547	15/06/2013	-	Self-Righting System	1
400549	16/07/2013	-	Self-Righting Fixing System	1
400559	16/07/2013	-	Righting Buoyancy Bag	1
400577	17/07/2013	-	Righting Bag Command Pocket	1
400557	16/07/2013	-	Engine Pail	1
400541	15/07/2013	-	2 Passengers Seat	1
400570	17/07/2013	-	Jockey Seat With Battery	1
400566	17/07/2013	-	Control Panel	1
401256	15/06/2017	-	Compass Position	1
400626	29/07/2013	-	Charger Diagram	1
400602	19/07/2017	A	Identification Label	1
A-500499	27/09/2017	-	Tiller	1

Structural Drawings:

Reference Number	Date	Revision	Title	Pages
400529	12/07/2013	-	Hull Cutting	1
400553	16/07/2013	-	Hull Tube Assembly	1
400525	12/07/2013	-	Wood Cutting for Hull	1
400567	17/07/2013	-	Wood Reinforcement Positions	1
400568	17/07/2013	-	Hull Wood Reinforcement	1
400523	12/07/2013	-	Hull Assembly	1
400534	12/07/2013	-	Linking Upper & Lower Deck	1
400635	29/07/2013	-	Hull	9
400636	29/07/2013	-	Upper Deck	15
400720	13/06/2013	-	Aft Board	6
400625	29/07/2013	-	Upper Deck	4
400522	12/07/2013	-	Support Plate	1
400637	30/07/2013	-	Plate	1
401208	12/04/2017	-	Deck Fittings	1
400562	16/07/2013	-	Lifting Point Position	1

Materials and Components:

Reference Number	Date	Revision	Title	Pages
D.I.F RIBO EC	25/09/2017	1	Suppliers File RIBO EC	5
BF-11-67-3	17/02/2015	2	Liste Armement RIBO 600	1

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
23/09/2013	BE 038/2013 Additional type test performed on serial number PROTO 285
16/01/2014	--- Additional Strength test performed on serial number PROTO 285
24/01/2014	BE 003/2014 Additional type test performed on serial number PROTO 285
28/10/2014	BE 046/2014 Additional type test performed on serial number PROTO 285

Laminate material of hull and rigid cover

Date	Test Report
20/01/2010	100020-c Fire retardancy test
20/01/2010	LA 10 CHX 2539 P.V. Fire retardancy test
18/01/2010	100036 Flame resistance test
20/01/2010	189609 Flame resistance test
04/07/2012	2493672/1-rev02 Strength 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 (kg)	Engine Type			
	Evinrude 75 HK	Evinrude 90 HK	Yamaha 75 HP	Yamaha 90 HP
	460	482	372	390

Forces measured with rescue boat serial number XDC-ES-C529C C111.

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	Fische Marine AS	Fische Marine AS	Yamaha Motor Company Ltd	Yamaha Motor Company Ltd
Type	Evinrude E-TEC 75 HK	Evinrude E-TEC 90 HK	Yamaha 75 CETO	Yamaha 90 AETO
Power	56 kW	67.1 kW	55.2 kW	66.2 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

ORCA 866 (Pennel & Flipo).

Raw materials for the G.R.P Hull

Reference:	Type:	Manufacturer:
Gel Coat	UNIGEL 2AE - 5602 Airless	Cromogenia-Units, S.A.
Norsodyne Polyester Resin	F 204 TF H 13348TA	Ashland Cray Valley
Glass Fibre Mats	Mat 450, Mat 600 (M5)	Vetrotex
Glass Fibre Woven Roving / Mats	Rovimat 500/300	Les Fils d'Auguste Chomarat et Cie
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.

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 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.

For information concerning the production phase modules, **Survitec SAS** has declared the following manufacturing site(s):

Survitec SAS

Route de chatenet

17210 Chevanceaux, France

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/A2 EC dated 13/03/2015 issued by the Society.

*** END OF CERTIFICATE ***