Marine & Offshore

Certificate number: 07582/F0 MED
File number: LSA 1626/14
Item number: MED/1.12

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

INFLATABLE LIFERAFTS

12 or 16 man davit-launched SOLAS A and B pack inflatable liferaft
Trademarks: SURVITEC, CREWSAVER, ELLIOT, DSB, SURVITECZODIAC, RFD

Requirements:
SOLAS 74 Convention as amended,
Reg. III/4,X/3,III/13,III/21,III/26,III/31 & 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, IV
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 Res. MSC.481(102)
IMO MSC/Circ.811, IMO MSC/Circ.1328 and IMO MSC.1/Circ.1630

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: 24 Jan 2029

For Bureau Veritas Marine & Offshore Notified Body 2690,
At BV LONDON, on 24 Jan 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

Trademark	SURVITEC, CREWSAVER, ELLIOT, DSB, SURVITECZODIAC, RFD
Type	12/16 man Davit launched with a SOLAS A pack or SOLAS B pack
Weight	12 DL : A PACK = 155 kg / B PACK 110 kg 16 DL : A PACK = 155 kg / B PACK 110 kg

Overall dimensions of the inflated liferaft (mm)			**Working pressure (mb)**
Length	**Width**	**Height**	
3676	3398	1650	162

As indicated in the technical documentation submitted by the Applicant.

2. DOCUMENTS AND DRAWINGS

- Drawings and specifications:

Number	Title	Issue	Date
CHX BE 111	SURVITECZODIAC 12 MAN DL pack A & B	H	03/11/2023
CHX BE 112	SURVITECZODIAC 16 MAN DL pack A & B	H	03/11/2023
-	BRANDS FILE	D	03/11/2023

- Material and components:

Number	Title	Issue	Date
D.I.F 02	Suppliers file for liferafts COASTAL-TO-TOSR-DL-DLSR-ORIL	Y	04/05/2023
75557:1203	Test certificate – inner canopy	-	11/12/2003

- Manual(s) for installation use and maintenance.

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

3. TEST REPORTS

LIFERAFT TYPE TESTS

Number	Title	Issue	Date
---	Tests performed on the Liferaft (LIFERAFT DAVIT LAUNCHED 12DL)	F	03/11/2023
---	Tests performed on the Liferaft (LIFERAFT DAVIT LAUNCHED 16DL)	G	03/11/2023

TOWING FORCE

	With the sea anchor deployed	Without the sea anchor deployed
Towed at 2 knots	100 daN	55 daN
Towed at 3 knots	182 daN	97 daN

TESTS ACCORDING TO THE RECOMMENDATIONS OF THE GUIDELINES MSC.1/CIRC.1328

Number	Title	Issue	Date
---	Tableau récapitulatif des essais EPS (EPS Tests Summary)	---	28/05/2013

4. APPLICATION / LIMITATION

- As per requirements stated on front page of this certificate.
- Maximum capacity: 12 persons or 16 persons.
- The maintenance of the liferaft shall be carried out according to the IMO Resolution A.761(18) as amended and with instructions stated in the Manual(s) for installation use and maintenance.

Container	Pack	Maximum stowage height (m)
Cylindrical container 12P	A	36
	B	36
Cylindrical container 16P	A	36
	B	36

5. PRODUCTION SURVEY REQUIREMENTS

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.

5.2 - The manufacturer shall institute a quality control procedure to ensure that the inflatable liferaft 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 liferaft 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 & maintenance and instructions for servicing stations for frequency and tests to be carried out according to IMO Resolution A.761(18). The servicing stations must be recognized by the manufacturer according to IMO Resolution A.761(18), for their competences to service and repack such liferafts.

6. MARKING OF PRODUCT

<table>
<tr><th>Markings on container</th><th>Markings on inflatable liferaft</th></tr>
<tr><td colspan="2">Maker's name or trade mark.</td></tr>
<tr><td colspan="2">Serial Number</td></tr>
<tr><td colspan="2">Name of approving authority</td></tr>
<tr><td colspan="2">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).</td></tr>
<tr><td>Number of persons it is permitted to carry</td><td>Number of persons it is permitted to accommodate over each entrance, in characters not less than 100 mm in height of a colour contrasting with that of the liferaft.</td></tr>
<tr><td>Date when last serviced</td><td>Name and place of servicing station where it was last serviced</td></tr>
<tr><td>Type of emergency pack enclosed</td><td>Date of manufacture (month and year)</td></tr>
<tr><td>Length of painter</td><td></td></tr>
<tr><td>Maximum permitted stowage height above waterline</td><td></td></tr>
<tr><td>Launching instructions</td><td></td></tr>
<tr><td>SOLAS</td><td></td></tr>
</table>

Provision shall be made for marking each liferaft with the name and port of registry of the ship to which it is to be fitted, in such a form that the ship identification can be changed at any time without opening the container.

In addition, liferafts subject to extended service intervals pursuant to SOLAS regulation III/20.8.3 should be marked to indicate that they have been approved and certified for extended service intervals in accordance with the guidelines MSC.1/Circ.1328.

7. OTHERS

It is **Survitec**'s 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 EC Type Examination Certificate N° 07582/E0 MED, issued on 06/12/2018 by the Society.

This type of liferaft may be subject to **extended service intervals** upon acceptance of the vessel's flag administration pursuant to SOLAS regulation III/20.8.3 and considering that liferafts should be:

- serviced at an approved servicing station at intervals not exceeding 30 months for the first 10 years of their service lives, and thereafter at the frequency required by SOLAS regulation III/20.8.1.1, this being subject to the vessel's Marine Administration acceptance.
- inspected on board by inspection personnel in accordance with the provisions of the MSC.1/Circ.1328 and the instructions of the manufacturer at intervals not exceeding 12 months from the last service or onboard inspection and for the first 10 years of their service life.

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