Maritime & Coastguard Agency

Approved Body authorised by the MCA

Certificate No: LR22510508UKMB
Issue Date: 30/11/2022
Expiry Date: 29/11/2027

UK TYPE-EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

Lloyd's Register Marine Limited (LRM Ltd) did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, subject to any conditions in the schedule attached hereto.

Manufacturer	**Survitec Group Ltd**
Address	Kingsway, Dunmurry, Belfast, BT17 9AF, Northern Ireland, United Kingdom
Reference	MSN1874 Amendment 6
Regulation Item (No. & Item Designation)	**UK/1.15 Canopied reversible liferafts**
Product Type	Canopied reversible liferafts
Product Description	50-person roll-over canopied reversible inflatable liferaft
Trade Name	RFD SURVIVA 50 (also known as “BEAUFORT SEAFARER 50, SURVITEC ZODIAC 50 & DBC 50”)
Specified Standard	IMO Resolution MSC.81(70) Part 1 as amended. IMO MSC/Circ.809 Annex ISO 15738:2002

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

This certificate is issued under the authority of the MCA.This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.

The "UK Mark of Conformity" may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an Approved Body.

Lijo Thomas

Lijo Thomas

Senior Surveyor
For and on behalf of Lloyd’s Register Marine Ltd. (8512)

Lloyd's Register Marine Limited (Reg. no. 13281335) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK.
A member of Lloyd's Register group.

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

ATTACHMENT TO UK TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR22510508UKMB

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and the Merchant Shipping (Marine Equipment) Regulations 2016, as amended for the UK Type Examination of marine equipment for use on UK ships

This Design Appraisal Document forms part of the Certificate.

APPROVAL/EXAMINED DOCUMENTATION

Specification No.589, Issue 45 DATED 04 January 2018.

D43887, Issue 10, dated 24 May 2015

Survitec Group Ltd Service manual for SURVIVA SOLAS style reversible liferafts ramp launch liferaft – 50/100 persons, version 7, dated April 2017.

Report No.	Revision	Date	Title
D43887 Sheet 1	6	01/09/21	General Assembly.
ISD 43887 Sheet 2	3	25/02/09	Main Assembly
D43887 Sheet 3	8	24/04/2013	Main Assembly.

TEST REPORTS

Beaufort Air Sea equipment design office reports,

Report No.	Date	Report No.	Date
50P/REV/97/5.1	20 October 1997	50P/REV/97/5.12	5 December 1997
50P/REV/97/5.2	11 November 1997	50P/REV/97/5.17.1	17 September 1997
50P/REV/97/5.4	20 October 1997	50P/REV/97/5.17.6	9 October 1997
50P/REV/97/5.7	17 September 1997	50P/REV/97/5.19	11 December 1997
50P/REV/97/5.9	17 September 1997	50P/REV/97/5.20	10 October 1997
50P/REV/97/5.10	20 October 1997	50P/REV/97/5.21	17 September 1997
50P/REV/97/5.11	17 September 1997	RFFE02-RE-005-GO	17 November 2011
Doc20111128101456	14 November 2011	Doc20111128100823	02 November 2011
Doc 20111128165924	25 November 2011		

RFD Marine and Aerospace Survival System reports,

Report No.	Date	Report No.	Date
46/98	10 December 1998	18/99	15 October 1999
14/99	01 October 1999	20/99	19 October 1999
15/99	04 October 1999	21/99	25 October 1999
16/99	04 October 1999	22/99	21 October 1999
17/99	04 October 1999	64/04	12 November 2004
02/05	13 January 2005	01/05	13 January 2005
03/05	11 January 2005	49/11	14 November 2011

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

ATTACHMENT TO UK TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR22510508UKMB

CONDITIONS OF CERTIFICATION

1. Liferaft Specifications:

SOLAS Pack	Container size/type	Stowed Height (m)	Stowed Weight (kg)	Towing Forces (KN)
A	Mk15, size 31	18	350	@ 2knots, 1.17 kN @3 knots, 2.129 kN
B	Mk15, size 31	25	260	@2 knots, 1.17 kN @3 knots, 2.129 kN

2. This liferaft is not intended for side-to-side transfer.
3. The liferaft has been approved assuming for each person an average mass of 82.5kg.
4. The liferaft's container shall be marked with the maker's name or trademark, serial number, approving authority, number of persons it is approved to carry, SOLAS, the type of emergency pack enclosed, date when last serviced, length of painter, maximum stowage height and launching instructions. In addition, containers of liferafts carried on ro-ro passenger ships fitted with a radar transponder shall be clearly marked.
5. The liferaft shall be marked with the maker's name or trademark, serial number, date of manufacture, approving authority, name and place of last servicing station, and the number of persons it is approved to carry.
6. Provision shall be made for marking each liferaft with the name and port of registry of the ship to which the liferaft is supplied, in such a form that the ship identification can be changed at any time without opening the container.
7. Instructions on how to survive complying with IMO Resolution A.657(16) are to be provided on board the liferaft.
8. Inflatable liferafts are to be serviced at intervals not exceeding 12 months at a LR approved or Flag Administration approved service station.
9. Detailed instructions for use, maintenance, and installation of the liferaft and instructions for use and maintenance of the liferaft equipment shall be supplied with each liferaft.
10. **Installation onboard:** The onboard arrangements and installation of the lifraft are not part of this Design Appraisal or Certificate. All such arrangements are to be to the satisfaction of the attending Surveyors.
11. If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply.
12. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance System (Module D), a Product-Quality Assurance System (Module E), or a Product Verification Process (Module F), as applicable. The UK Conformity Mark cannot be affixed to the product until a conformity assessment module is in place.
13. Production test are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81(70), Part 2 and be recorded by the manufacture in accordance with ether the approved Production Quality Assurance System (Module D), or Product Quality Assurance System (Module E), or a Product Verification Process (Module F), as applicable. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered i.e., the flag state, or those acting on behalf of that Administration.
14. Each item, batch or log the subject equipment is to be issued with a UK Declaration of Conformity and have the "UK Conformity Mark" affixed after a conformity assessment module is in place.

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

ATTACHMENT TO UK TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR22510508UKMB

15. Should a change of Place of Production from that provided at the application stage i.e., where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This updated notification about the Place of Production is required for this Approval to be maintained.
16. The manufacturer must keep a copy of the UK type-examination certificate, its annexes, and additions together with the technical documentation at the disposal of the national authorities for a period of at least 10 years after the UK Conformity Mark has been affixed on the last product manufactured and, in no case for a period shorter than the expected life of the marine equipment concerned.
17. The certificate holder is solely responsible for the products supplied under this Certificate and to ensure that their products are fully compliant with the relevant statutory regulation as applicable and are designed, manufactured, and installed to the same quality and specifications as the prototype tested, including components that are designed and manufactured by third parties.
18. All equipment installed on board the liferaft is to be of an approved type as required by SOLAS and the LSA code.
19. Equipment items listed on the current version of Merchant Shipping Notice MSN 1874 (M+F) which are supplied with the liferaft are to be approved type when delivered to UK flagged vessels.

Lijo Thomas
Senior Specialist
Fire & Safety, Statutory Discipline Team
U**K**&I Technical Support Office, Marine & Offshore
For and on behalf of Lloyd's Register Marine Ltd.
(LRM Ltd) - UK Approved Body 8512

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.