U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 160.151/176/0 Expires: 29 November 2026

INFLATABLE LIFERAFT (SOLAS)

SURVITEC GROUP LTD.
KINGSWAY, DUNMURRY
BELFAST BT17 9AF UNITED KINGDOM

Type "SURVIVA Mk3" 20, 20-person SOLAS A or SOLAS B inflatable liferaft.

May alternately be marked with "RFD ELLIOT", "RFD CREWSAVER", or "DSB LR05" brand name.

Evaluated, tested, and found to be in compliance with the IMO LSA Code (Res. MSC.48(66), as amended by Resolutions MSC.218(82) and MSC.293(87)); and IMO Res. MSC.81(70), as amended by Resolutions MSC.226(82) and MSC.295(87).

Liferafts and components may be manufactured in accordance with approved Quality Manual through Survitec Head Office at RFD Beaufort Ltd., Kingsway, Dunmurry, Belfast, BT17 9AF, UK; Betacera (Su Zhou) Co., Ltd. No 500, Ganquan West Road, Economic Development Zone, Wu Jiang City, Jiangsu Province, 215200 China; Survitec Zodiac, Chevanceaux, Route de Chatenet 17210 Chevanceaux, France; DBC Marine Safety Systems Ltd., 1689 Cliveden Avenue, Delta, BC, V3M 6V5, Canada; SSPI, 11070 Cabot Commerce Circle, Jacksonville, FL 32226, USA; and/or RFD Beaufort Inc., 1420 Wolf Creek Trail, Sharon Center, OH 44274, USA.

Production tests and inspections supervised by John H. MacIlwaine & Son at Dunmurry and China, by Element Cleveland at Sharon Center, by ABS at Vancouver, by BV at Chevanceaux, and by Gladding Marine Surveying and Consulting at SSPI. Report of production tests and inspections in accordance with 46 CFR 159.007-11 due annually in May.

Maximum stowage height is 36 m in Mk10 Size 7 container, or Mk14 Size 14 container for SOLAS B. Maximum stowage height is 46 m in Mk10 Size 9 container, or Mk14 Size 17 container for SOLAS A.

Towing force is 569 N at 2 knots and 1079 N at 3 knots.

Identifying Data: RFD Schedule No. D45834 (Issue 2), and associated construction detail drawings and specifications as referenced thereon.

Previously approved under approval number 160.151/126/2.

Extends previous certificate dated November 29, 2016.

*** End ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.

GIVEN UNDER MY HAND THIS 29th DAY OF NOVEMBER 2021, AT WASHINGTON D.C.

B. A. BALDWIN
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT

TERMS: The approval of the item described on the face of the Certificate has been based upon the submittal of satisfactory evidence that the item complies with the applicable provisions of the navigation and shipping laws and the applicable regulations in Title 33 and/or Title 46 of the Code of Federal Regulations. The approval is subject to any conditions noted on this Certificate and in the applicable laws and regulations governing the use of the item on vessels subject to Coast Guard inspection or on other vessels and boats.

Consideration will be given to an extension of this approval provided application is made 3 months prior to the expiration date of this Certificate.

The approval holder is responsible for making sure that the required inspections or tests of materials or devices covered by this approval are carried out during production as prescribed in the applicable regulations.

The approval of the item covered by this certificate is valid only so long as the item is manufactured in conformance with the details of the approved drawings, specifications, or other data referred to. No modification in the approved design, construction, or materials is to be adopted until the modification has been presented for consideration by the Commandant and confirmation received that the proposed alteration is acceptable.

NOTICE: Where a manufacturer of safety-at-sea equipment is offering for sale to the maritime industry, directly or indirectly, equipment represented to be approved, which fails to conform with either the design details or material specifications, or both, as approved by the Coast Guard, immediate action may be taken to invoke the various penalties and sanctions provided by law including prosecution under 46 U.S.C. 3318, which provides:

"A person that knowingly manufactures, sells, offers for sale, or possesses with intent to sell, any equipment subject to this part *(Part B. of Subtitle II of Title 46 U.S.C.).* and the equipment is so defective as to be insufficient to accomplish the purpose for which it is intended, shall be fined not more than $10,000, imprisoned for not more than 5 years or both."