



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

Coast Guard Approval Number: 160.010/102/0

Expires: 11 March 2020

BUOYANT APPARATUS FOR MERCHANT VESSELS

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

"FERRYMAN 50" (also known as "SURVITEC", "SURVITEC ZODIAC", "SSPI", "RFD ELLIOT" or "RFD CREWSAVER"), 50-person capacity inflatable buoyant apparatus, packed in a rigid FRP container.

Two units may be packed in a single large rigid container in accordance with drawing No. D40542 and designated as above with "(xxxxxx) 100".

Production Information: Buoyant apparatus and components may be manufactured in accordance with approved Quality Manual, supplier control process flow through Survitec Head Office, and related appendices, at 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; W.H. Brennan (Shanghai) Ltd., 369 Luji Road Block 10, Pudong Xinqu Liuzaozhen, Shanghai 201322 China; W.H. Brennan & Co. PTE Ltd., 47 Loyang Way, 508739 Singapore; and/or RFD Beaufort Inc., 1420 Wolf Creek Trail, Sharon Center, Ohio 44274; Survitec Survival Products Inc. 11070 Cabot Commerce Circle, Bldg. 3, Suite 100, Jacksonville, FL 32226; and/or DBC Marine Safety Systems LTD, 1689 Cliveden Ave, Delta, BC, V3M 6V5, CA.

Identifying Data: Schedule No. D41831 with attached drawing index, Schedule No. D42310, Main Assembly drawing No. D41831 (issue 5), and RFD Design Change Sheets 7930, 8076, and 9247A3. For "RFD ELLIOT": Schedule No. I.S.D. 43490 with attached drawing index, and Main Assembly drawing No. I.S.D. 43490. For "RFD CREWSAVER": Schedule No. I.S.D. 43488 with attached drawing index, and Main Assembly drawing No. I.S.D. 43488. Also to Schedule No. D52613, and Main Assembly drawing No. D52413 and Design Change Sheet No. 0575.

Production inspections at Dunmurry, China, and Singapore locations supervised by John H. MacIlwaine & Son (Marine Surveyors). Production inspections at Sharon Center supervised by Herron Testing Laboratories, Inc. Production inspections at Jacksonville location supervised by Gladding Marine Surveying, Orange Park, FL. Production inspections at Vancouver location supervised by American Bureau of Shipping (ABS). Report of production tests and inspections in accordance with 46 CFR 159.007-11 due annually in May.

Supersedes previous certificate dated September 13, 2012, for revised components, materials, and assembly procedures.

\*\*\* FNTD \*\*\*

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 11<sup>th</sup> DAY OF  
MARCH 2015, 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."