



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

Coast Guard Approval Number: 160.010/125/0

Expires: 22 December 2026

BUOYANT APPARATUS FOR MERCHANT VESSELS

SURVITEC SAS  
ROUTE DE CHATENET  
17210 CHEVANCEAUX FRANCE

Survitec Zodiac type "USCG IBA 100" or "USCG HSCR 100", 100-person inflatable buoyant apparatus. May also be branded as Elliot, Crewsaver, or SSPI.

USCG HSCR 100 complies with Annex 10 of the IMO High Speed Craft Code. Maximum approved stowage height for IBA 100 or HSCR 100 is 20 m above the waterline, with a painter length of 30 m for IBA 100.

Identifying Data: Design Record CHX BE 280 (Issue B), and (for IBA 100) main assembly dwg. 203315 (Issue H), and fittings position dwg. 203356 (Issue M); or (for HSCR 100) main assembly dwg. 203259 (Issue H), and fittings position dwg. 203260 (Issue N).

Manufacturing location: Survitec Head Office at RFD Beaufort Ltd., Dunmurry, UK; Betacera (Su Zhou) Co., Ltd., Wu Jiang City, China; Survitec Zodiac, Chevanceaux, France; DBC Marine Safety Systems Ltd., Delta, Canada; and/or RFD Beaufort Inc., Sharon Center, 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, and by BV at Chevanceaux. Report of production tests and inspections in accordance with 46 CFR 159.007-11 due annually in May.

Extends certificate dated 22 December 2016 and manufacturing locations updated.

\*\*\* 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 22<sup>nd</sup> DAY OF  
DECEMBER 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."