Certificate No: LR26239292TATC
Issue Date: 15/01/2026
Expiry Date: 14/01/2031

Certificate of Type Approval

This is to certify that the product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	**Survitec Group Ltd.**
Address	Kingsway, Dunmurry, Belfast, Northern Ireland, BT17 9AF, United Kingdom
Type	Inflatable Buoyant Apparatus
Description	50 persons, 100 persons open reversible inflatable buoyant apparatus, packed in a rigid FRP container. Type: “Ferryman 50 and 100 Persons Inflatable Buoyant Apparatus” (also known as Survitec, Survitec Zodiac, SSPI, RFD Elliot, RFD CrewSaver and DBC)
Trade Name	Ferryman 50 and 100 Persons Inflatable Buoyant Apparatus
Specified Standard	TP 14475 E - Canadian Life-Saving Appliance Standard 46 CFR subpart 160.010 IMO Res. MSC.81 (70), Part 1, as amended IMO Res. MSC.481(102)

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

Bhaskar Gole

Lead Specialist - Lifesaving Appliances to Lloyd's Register Marine and Offshore India LLP

Units 1702-1704, 17th Floor (Level-13), Building Q2, Aurum Q Parc; Gen 4/1 TTC, Thane-Belapur Road, Ghansoli, Navi Mumbai, 400710, India

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DESIGN APPRAISAL DOCUMENT

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR26239292TATC

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions, and this Design Appraisal Document forms part of the Certificate.

This Certificate is a Renewal and an Amendment of Certificate Number LR2142347SS and LR2142352TC.

APPROVAL DOCUMENTATION

Service Manual for Ferryman Open Reversible Liferafts, Document No: Manual 177, Revision No. 6, dated Feb/10.

Design Change Sheet, DCS 2021-029, Addition of PN 45932001 (Rescue line and quoit assembly) to SBT scope of supply for Marine hulls, dated 14/04/2021.

Drawing No.	Revision	Date	Title
D52413	2	20/04/2021	General Arrangement
0574	-	12/06/2014	Design Change Sheet
DS D42310	-	30/10/2015	Ferryman 50 USCG
D41831	13	26/09/2003	Main Assembly Ferryman 65 ORL
D41839	6	23/02/2012	General Arrangement Ferryman 65 ORL
DS52413	-	-	Document Schedule - 50/65/75P ORL (SBT Production)

TEST REPORTS

Report No:	Date	Report No:	Date
7/PHD/11.2.87	23/1/87	21/99	25/10/1999
14/PHD/MA	03/03/1992	39/01	23/11/2001
16/PHD/MA	03/03/1992	22/02	06/06/2002
17/PHD/MA	03/03/1992	51/11	14/11/2011
18/PHD/MA	03/03/1992	54/11	07/12/2011
19/PHD/MA	03/03/1992	54/2011	19—29/11/2011
21/PHD/MA	13/03/1992	2014-004	03/03/2014
22/PHD/MA	13/03/1992	07-2014	07/03/2014
31/DGK/JH	10/04/1992	2014-014	03/03/2014
88	26/08/1992	2014-015	03/03/2014
50/DGK	06/07/1993	2014-028	02/06/2014
54/DGK	10/09/1993	2014-029	03/06/2014
55/DGK	10/09/1993	2014-030	05/06/2014
10/97	24/11/1997	2014-031	05/06/2014
16/98	5/06/1998	2014-032	09/06/2014
49/98	31/12/1998	2014-036	10/06/2014
21/99	18/10/1999	2014-037	09/06/2014
		2014-038	10/06/2014

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR26239292TATC

CONDITIONS OF CERTIFICATION

1. Maximum Stowage Height above water surface is 18 meters.
2. The 100-person capacity is to be achieved by packing two 50-person inflatable buoyant devices in a single large container.
3. Marking and labelling of inflatable buoyant apparatus must be in accordance with the requirements of CFR 46 160.151-33, as well as IMO LSA Code, chapter IV/4.2.6.3 and 4.2.7.1.6, except that the device must be identified as an “INFLATABLE BUOYANT APPARATUS”, and no “SOLAS” markings shall be placed on the container of the apparatus. The capacity marking specified in IMO LSA Code, chapter IV/4.2.7.1.6 must be applied to the top of each buoyancy tube.
4. An instruction placard meeting the requirements of CFR 46 160.151-59(c), giving simple procedures and illustrations for inflating, launching, and boarding the inflatable buoyant apparatus, must be made available to the operator or master of each vessel on which the apparatus is to be carried. All instructions or markings that accompany this apparatus or are printed directly on the apparatus must be in both English and French, as per Canadian procedures for approval of life-saving appliances and fire safety systems, equipment and procedures. TP 14612E (11/2024) paragraph 2.2.1.3. However independent signage can be accepted in lieu of the instructions or marking required in 2.2.1.3 if it is in both English and French, highly visible (size, colour, posting location), water and weatherproof and posted at each muster station and where the appliance is stored.
5. The information contained in the nameplate shall be in English and French.
6. The inflatable buoyant apparatus is to be fitted with retro-reflective material in accordance with IMO Resolution MSC 481(102), as it may be amended.
7. Inflatable buoyant apparatus must be serviced periodically at approved servicing facilities in accordance with the applicable requirements of 46 CFR 160.151-35 through 46 CFR 160.151-57.
8. The approval of the inflatable buoyant apparatus covered by this certificate is valid only so long as the product remain approved by the United States Coast Guard.
9. Production inspections and tests for inflatable buoyant apparatus must be performed in accordance with the applicable requirements of 46 CFR 160.151-31.
10. All equipments in accordance with paragraph 12 of 46 CFR 160.010-3(a) shall be provided with the inflatable buoyant apparatus. Duplicate equipment must be provided, for each side of a reversible inflatable apparatus, if equipment is not accessible from both sides.
11. **Installation on board:** The on board arrangements and installation of the inflatable buoyant apparatus are not part of this design appraisal or certificate. All such arrangements are to be to the satisfaction of the Surveyors attending on board.
12. If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

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13. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure compliance with SOLAS Regulation III/5.
14. Should a change of Place of Production from that stated on the application form be required, i.e. where the stages of manufacture/assembly/testing of this product takes 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.

Bhaskar Gole
Lead Specialist-Lifesaving Appliances
Fire & Safety, Statutory Discipline Team
Lloyd's Register Marine and Offshore India LLP
Lloyd's Register EMEA

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s)

This product has been verified to be fully in accordance with Transport Canada Procedure TP 14612E "Procedures for approval of life-saving appliances and fire safety systems, equipment and products and is suitable to be placed on Canadian Flagged vessels.

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