Certificate No: LR22422540TC
Issue Date: 02/08/2022
Expiry Date: 01/08/2027

Certificate Of Type Approval Issued On Behalf Of Transport of Canada

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 Transport Canada to issue the relevant certificates, licences, permits etc.

Manufacturer	**Survitec Group Ltd**
Address	Kingsway, Dunmurry, Belfast, BT17 9AF, Northern Ireland
Type	**Inflatable Rescue Platform.**
Description	15 and 30 persons capacity throw/roll inflatable rescue platform
Trade Name	**RFD Ferryman** (also known as 'Beaufort ORL', 'DSB', 'DSB LR14 R',' Crewsaver', 'ELLIOT', 'SURVITEC', 'SURVITEC ZODIAC', "SSPI" and "RFD Toyo").
Specified Standard	IMO Resolution MSC.81(70) Part 1 as amended. TP14475E

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form 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.

Lijo Thomas

Lijo Thomas

Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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DESIGN APPRAISAL DOCUMENT

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR22422540TC

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 Design Appraisal Document forms part of the Certificate.

This Certificate is a Renewal of Certificate Number LRTC 0000173

APPROVAL DOCUMENTATION

Drawing No.	Revision	Date	Title
D52823, sheet 1&2	0	19/08/2016	Main Assembly (30 Persons)
D52808, sheet 1&2	0	19/08/2016	Main Assembly (15 persons)

TEST REPORTS

Report No	Date
2014-030	05/06/2014
1992-019(19/PHD/MA)	03/03/1992
2014-052	22/10/2014
2014-004	03/03/2014
2014-036	10/06/2014
2014-054	23/10/2014
2014-028	02/06/2014
2014-055	28/10/2014
2014-056	29/10/2014
1993-050	06/07/1993
1998-009	20/03/1998
2014-057	29/10/2014
2014-031	05/06/2014

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2014-014	03/03/2014
2015-006	23/01/2015
2014-032	09/06/2014
2008-060	27/08/2008
2014-037	09/06/2014
TR2016-018	24/06/2016
TR2016-020	29/07/2016
TR2016-021	29/07/2016
TR2016-024	22/09/2016

CONDITIONS OF CERTIFICATION

Container type/size	Raft capacity	Stowage height (m)	Weight (kg)
MK10 Size3	15	18	64
MK14 Size12	15	18	68
MK16 Size1	15	18	68
MK10 Size4	30	18	93
MK14 Size14	30	18	94
MK16 Size2	30	18	93

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1. Maximum Stowage Height above water surface is 18 meters.
2. Maximum towing force for the inflatable rescue platform; 1.15 KN@2 Kts, 5.23 KN@ 3 knots.
3. Every inflatable rescue platform shall be marked with;

   (a) the manufacturer's name, logo or trade-mark;

   (b) its serial number;

   (c) the month and year of manufacture;

   (d) the approval number;

   (e) characters not less than 100 mm in height and in a colour that contrasts with that of the platform, the complement of the platform; and

   (f) the location of the emergency equipment in English and French.
4. The container of every inflatable rescue platform shall be marked with

   (a) the name, logo or trade-mark of the manufacturer of the platform;

   (b) the serial number of the platform;

   (c) the month and year of manufacture of the platform;

   (d) the approval number;

   (e) in characters of not less than 100 mm in height, the complement of the platform;

   (f) the date and place the platform was last serviced;

   (g) the length of the painter;

   (h) in English and French, the type of emergency pack enclosed;

   (i) in English and French, the maximum permitted height of stowage above the waterline;

   (j) in English and French, launching instructions; and

   (k) the words "INFLATABLE RESCUE PLATFORM" and "PLATE-FORME DE SAUVETAGE GONFLABLE"
5. 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 (02/2019) 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.
6. Every inflatable rescue platform and its container are to be marked in accordance with paragraphs 4.2.6.3 and 4.2.7.1 of chapter IV of the LSA Code except, there is to be no reference to SOLAS and all references to "LIFERAFT" are replaced with "INFLATABLE RESCUE PLATFORM".

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7. Each rescue platform is to be supplied with operating and training information suitable for insertion into the ship's onboard training in English and French.
8. All equipment required to be carried on an inflatable rescue platform shall be accessible from both sides of the platform.
9. The manufacturer is responsible for informing the shipowners on the proper method of use of the product and condition of this approval.
10. It is to be confirmed that the use of this lifesaving appliances is acceptable to the Flag Administration of the vessel on which the life-saving appliances is installed.
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, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply.
13. Production items are to be manufactured in accordance with a quality control procedure and records kept as required by MSC.81 (70) Part 2, Paragraph 1.2. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5. 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. Should a change of Place of Production from that stated below be required, i.e., where 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 as this Certificate will require to be updated for Approval to be maintained.

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PLACE OF PRODUCTION

Survitec Group Ltd,
Kingsways , Dunmurry,
Belfast,
BT17 9AF,
Northern Ireland

Lijo Thomas
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
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).

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