

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	Inflatable rescue platform, packed in MK14 Size 17, MK10 Size 9 & MK16 Size 4 containers. Type: "Ferryman 75 persons" (also known as "DSB", "DBC", "ELLIOT", RFD FERRYMAN", "CREWSAVER", "SURVITEC", "SURVITEC ZODIAC", or "SSPI")
Trade Name	"Ferryman 75 persons" (also known as "DSB", "DBC", "ELLIOT", RFD FERRYMAN", "CREWSAVER", "SURVITEC", "SURVITEC ZODIAC", or "SSPI")
Specified Standard	TP 14475 E, IMO Resolution MSC.81 (70), Part 1 as amended

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.

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR21200835TC

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 of certificate no. LRTC 0000093.

EXAMINED DOCUMENTATION

Drawing No.	Revision	Date	Title
D41839	6	23/12/2012	General Arrangement
D52413	0	21/11/2014	Manufacturing Drawing -50/65/75P ORL
D52413	0	21/11/2014	General Arrangement/ Design Data, Sheet 1
D 41831	-	-	Document Schedule
52413101	000	13/05/2016	Document Schedule- 50/65/75P ORL
DCS 0576	-	18/06/2014	Design Change Sheet
D 42302, Sheet 1	5	19/02/2013	Container MK16 Size 4
D 42302, Sheet 2	5	19/02/2013	Container MK16 Size 4
D 50915, Sheet 1	11	06/04/2016	Container MK14 Size 17

TEST REPORTS

Report No:	Date
2014-004	03/03/2014
2014-014	03/03/2014
2014-030	05/06/2014
2014-031	05/06/2014
2014-036	10/06/2014
7/PHD/11.2.87	23/01/1987
14/PHD/MA	03/03/1992
16/PHD/MA	03/03/1992
17/PHD/MA	03/03/1992
18/PHD/MA	03/03/1992
19/PHD/MA	03/03/1992
21/PHD/MA	13/03/1992
22/PHD/MA	13/03/1992
31/DGK/JH	10/04/1992
88	31/08/1992
90/PHD/MA	02/09/1992
119/PHD/MA	07/11/1992
50/DGK	06/07/1993
54/DGK	10/09/1993
55/DGK	10/09/1993
16/98	05/06/1998
49/98	31/12/1998
39/01	23/11/2001
22/02	06/06/2002
51/11	14/11/2011
54/2011	07/12/2011
2014-004	07/03/2014
2014-015	03/03/2014
2014-028	03/06/2014
2014-029	03/06/2014

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR21200835TC

TEST REPORTS – CONTINUED

Report No:	Date
2014-032	09/06/2014
2014-038	10/06/2014

CONDITIONS OF CERTIFICATION

1. Maximum Stowage Height above water surface is 18 meters
2. 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) in 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) In English and French, the location of the emergency equipment
3. 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"
4. 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 (05/2011) 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 weather proof and posted at each muster station and where the appliance is stored
5. 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"
6. 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
7. All equipment required to be carried on an inflatable rescue platform shall be accessible with either side of the platform uppermost
8. The manufacturer is responsible for informing the shipowners on the proper method of use of the product and condition of this approval

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR21200835TC

9. 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
10. **Installation on board:** The on board arrangements and installation of the inflatable rescue platform are not part of this design appraisal or certificate. All such arrangements are to be to the satisfaction of the Surveyors attending on board
11. 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
12. The manufacturer is responsible to ensure that every rescue platform built to this certificate of Approval corresponds to the approved prototype
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 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
15. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81 (70), Part 2 and each item, batch, or lot be delivered with an LR Certificate of SOLAS Production Testing issued by the attending LR Surveyors following their witness of the tests. 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

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR21200835TC

PLACE OF PRODUCTION

Survitec Group,
DBC Marine Safety Systems LTD,
1689 Cliveden Ave,
Delta,
BC,
V3M 6V5,
Canada

Survitec Group
Suzhou Betacera
No 500 Ganquan West Road
Economic Development Zone
Wujiang City
Jiangsu Province, 215200
China

Survitec Group
Shanghai
Blg. 10, No. 369, Luji Road
Liuzhaozhen
Pudong District
Shanghai 201322
China

Survitec Group
1420 Wolf Creek Trail
Sharon Centre
44272-0359 Ohio
United States of America (USA)

Survitec Group
Beaufort Road
Birkenhead
Merseyside, CH41 1HQ
United Kingdom (UK)

Survitec Group
Kingsway
Dunmurry
Belfast, BT17 9AF
Northern Ireland
United Kingdom (UK)

Survitec Group
Chevanceaux
Route de Chatenet
17210 Chevanceaux
France

Survitec Group
Singapore
47 Loyang Way
Singapore 508739
Singapore

Survitec Group
Angerweg 5
D-37623 Eschershausen
Germany

Survitec Group
Via Genova
5810 Grosseto
Italy



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).