Certificate No: LR26249919MB
Issue Date: 30/08/2026
Expiry Date: 29/08/2031

Notified Body authorised by
BSH 0800-S23/4822:013

EC Type Examination (Module B) Certificate

This is to certify that:
LLOYD'S REGISTER Marine Deutschland GmbH (LRMD), designated as a “notified body” based on the notification of the Federal Maritime and Hydrographic Agency of Germany, did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU and the valid Commission Implementing Regulation (EU) in force indicating design, construction and performance requirements and testing standards for marine equipment, subject to the conditions below and the attached Schedule which also forms part of this Certificate.

Manufacturer	**Survitec Group Ltd.**
Address	Kingsway, Dunmurry, Belfast, Northern Ireland, BT17 9AF, United Kingdom
Reference	Marine Equipment Directive (MED) 2014/90/EU, Regulation (EU) 2025/1533
Regulation Item (No. & Item Designation)	MED/1.6b Immersion Suits & Anti-Exposure Suits Designed To Be Worn Without A Lifejacket: Immersion Suit With Inherent Insulation
Product Type	Immersion Suits
Product Description	Insulated immersion suit with inherent buoyancy
Specified Standard	**Type approval requirements :** SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3. **Carriage and performance requirements :** SOLAS 74 Reg. III/7, SOLAS 74 Reg. III/22, SOLAS 74 Reg. III/32, SOLAS 74 Reg. III/34, IMO Res. MSC.36(63)-(1994 HSC Code) 8, IMO Res. MSC.48(66)-(LSA Code) I, IMO Res. MSC.48(66)-(LSA Code) II, IMO Res. MSC.97(73)-(2000 HSC Code) 8, IMO Res. MSC.481(102), IMO MSC/Circ.1046, IMO MSC.1/Circ.1628 Rev 2. **Testing Standard :** Resolution MSC 81 (70) Amended by Resolution MSC.200(80),MSC.226(82), MSC.274(85), MSC.295(87), MSC.321(89),MSC.323(89), MSC.378(93), MSC.427(98), MSC.472(101), MSC 488(103), MSC.544(107),MSC.563(108), MSC.568(109) and MSC.580(110) as applicable.

Lijo Thomas

Lloyd's Register Marine Deutschland GmbH, Willy-Brandt-Straße 59-65, 20457 Hamburg, Germany.
A member of the Lloyd's Register group

Lijo Thomas

Fire & Safety - Senior Surveyor
For and on behalf of Lloyd’s Register Marine Deutschland GmbH (2923)

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Row of the Regulation Item	Row 3 of 3 of Regulation (EU) 2025/1533
Trade Name	00109 – Survitec immersion suit

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to and agreed with the notified body named on this certificate. The manufacturer should notify LRMD of any modification or changes to the equipment in order to obtain a valid Certificate.

Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be re-approved prior being placed on the market and on board vessels to which the amended regulations or standards apply.

The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D,E, or F) of ANNEX II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR26249919MB

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

Approval Documentation

Technical file for 00109 – Survitec immersion suit, Product code :8800, issue i4 , dated 14/02/2025

Survitec Ltd. Product Specification (Overseas manufacture), Product Code 8800 dated 04 January 2019.

Immersion suit, Donning Instructions, Product Code 8800 4th January 2019

TEST REPORTS

DERA Centre for humans Sciences, Physiology Department letter reference PLSD/CHS5/5.06/3/13 dated 29 April 1997.

AMTAC Laboratories Ltd Report Reference ALC.T.9045.1296 dated 25 April 1997.

BTTG, Shirley Testing Services Test Report reference 07/4834/KP/SAM dated 15 June 1999.

INTERTEK test report No LECFI00323638, dated 24 February 2012.

Fire test of 00109-0904 immersion suit, Report No:DK/FTL/2437, dated 21th March 2012.

Fleetwood Evaluation and Test Report for Immersion Suits, Report No: DAR/FTL/95, dated 18 April 1997.

INTERTEK Thermal resistance test for Outdoorsy 5mm Neoprene Rubber OT002, Report No: LECFI00323338, dated 28/02/2012

Immersion Suit Test report for immersion suit fitted with Scot device, Report No:NRG/FTL/1029, dated 22nd November 2005.

Test of immersion suit with lifting strop, Report No:BLS/FTL/2235a, dated 18th October 2010.

Test of OUTDOORSY immersion suit with lifting strop, Report No:BLS/FTL/2460a, dated 6th June 2012.

Test of 00109-0904 immersion suit with lifting strop, Report No:BLS/FTL/2235, dated 26th July 2010.

Buoyancy test for immersion suit fitted with Scot device, Report No:JH/FTL/2830, dated 11th February 2016.

Compatibility test of the Crewsaver immersion suits incorporating CSL automatic surface light, Report No:RS/FTL/2709, dated 4th March 2015.

CONDITIONS OF CERTIFICATION

1. This product is available in following range of sizes:

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	Product Code	Height Range	Chest Size
Child universal	8800 SC	110-150	59-90
Adult small	8800 SU	140-184	76- 116
Adult universal	8800 SL	170 -210	110 -125
Adult oversize	8800 SXL	188-228	120- 141

2. Immersion suit with inherent buoyancy
3. The immersion suit is to be fitted with retro-reflective material in accordance with IMO Resolution MSC481(102)
4. Instruction for use shall be provided with each Immersion Suits as prescribed by SOLAS Regulation III/35 one or more additional copies shall be provided for inclusion in the Vessel's Training Manual
5. As prescribed by SOLAS Regulation III/36 and where applicable, Immersion Suit shall be maintained as prescribed by manufacturer's instructions
6. Each Immersion Suit and its packaging shall be permanently and clearly marked at least with: identification of the manufacturer and the model designation, the weight and height range of persons suitable to wear the immersion suit, simple donning instructions, approval information.
7. Each Immersion Suit shall be supplied with an explanatory leaflet containing instructions for care and maintenance of the immersion suit. When carrying out the inspection of immersions are required by SOLAS Regulation III/20.7.2 consideration should be given to IMO MSC/Circ. 1047 on Guidelines for Monthly Shipboard Inspection of Immersion Suits and Anti-exposure Suits by the Ship's Crew
8. An approved light and whistle meeting the requirements of LSA Code Regulation II/2.2.3 and II/2.2.1.14, respectively, are to be fitted. The light or lights selected to be attached to the immersion suit shall be tested to the requirements of IMO Resolution MSC.81 (70), I/10.3.3 to confirm the adequacy of their means of attachment
9. Alterations/modifications to the Type Approved immersion suits shall be authorized, agreed and tracked by Lloyd's Register through the agreed master list update process. The product shall be in compliance with SOLAS and Flag State Administration (of the vessel on which the immersion suit is installed) requirements at all times.
10. The on board arrangements and installation of this product 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, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply
12. Productions items are to be manufactured in accordance with a quality control system which shall be maintained to ensure compliance with SOLAS Regulation III/5
13. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81(70), Part 2 and be recorded by the manufacturer in accordance with either the approved Production Quality Assurance system (Module D) or Product Quality Assurance (Module E) or witnessed by the Notified Body (LR) as required by the Product Verification (Module F) of the Marine Equipment Directive. 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. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E) or a Product Verification Process (Module F). The wheelmark cannot be affixed to the product until a conformity assessment module is in place.
15. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place.
16. The manufacturer shall keep a copy of the EC type-examination certificate, its annexes, and additions together with the technical documentation at the disposal of the national authorities for at least 10 years after the wheel mark has been affixed on the last product manufactured and in no case for a period shorter than the expected life of the marine equipment concerned.
17. Should a change of Place of Production from that stated below be required i.e. where the 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. This Certificate will require to be updated for Approval to be maintained

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Place of Production

Winning Industrial Co. Ltd
No.10-101 Jin -Fu Road, Liao Bu,
DongGuan, Guang Dong P.R
China.

Suzhou Betacera Technology Co. Ltd
No 500 Guanquan West Road
Wujiang District,
Suzhou City, Jiangsu Province,
PR China

Lijo Thomas
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
For and on behalf of Lloyd's Register Marine Deutschland
LRMD EC Distinguishing No. 2923

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