Certificate No: LR26190202SS
Issue Date: 29/04/2026
Expiry Date: 13/11/2030

# 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** | **Survival One ltd. T/A Crewsaver ltd.** |
| **Address** | Crewsaver, Survitec House, Lederle Lane, Gosport, Hampshire, PO13 0FZ, United Kingdom |
| **Type** | Lifejackets |
| **Description** | Inherently Buoyant Adult Lifejacket |
| **Trade Name** | Premier 2010 Adult |
| **Specified Standard** | IMO Res MSC.81(70) as amended.<br>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 EMEA 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.

Lijo Thomas

**Lijo Thomas**

Fire & Safety - 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. LR26190202SS

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 Supersedes and is an Amendment of Certificate Number LR25385241SS

**APPROVAL DOCUMENTATION**

Technical File Issue i6, Reference 00734, dated 12.02.2025.

| Drawing No. | Rev | Title | Date |
|---|---|---|---|
| 01090001 | - | General Arrangement | 01/04/09 |
| 01090002 | - | Dimension Drawing | 21/01/09 |
| 01090007 | - | Adult Lifejacket Cover Pattern | 21/01/09 |
| 05080010 | - | Foam Pattern | 01/04/09 |
| 05080011 | - | Foam Dimension | 01/04/09 |
| 01090014 | - | Lifejacket Construction | 01/04/09 |

**Test Reports**

| Report Title or Author | Report No. | Date |
|---|---|---|
| Fleetwood Testing Laboratory | BLS/FTL/1170 | 25/07/07 |
| Fleetwood Testing Laboratory | BLS/FTL/1170a | 28/08/08 |
| Fleetwood Testing Laboratory | BLS/FTL/2239 (Supplement to 1170 and 1170a) | |
| Fleetwood Testing Laboratory | BLS/FTL/2095 | 19/01/09 |
| Fleetwood Testing Laboratory | BLS/FTL/2170 | 27/11/09 |
| Fleetwood Testing Laboratory | JH/FTL/2777a, Light Fixture WR4, CSL | 28/01/16 |
| Fleetwood Testing Laboratory | JH/FTL/2718, Light Fixture WR3, CRL-C | 01/06/15 |
| Fleetwood Testing Laboratory | BLS/FTL/2299 (Diesel resistance test, Tensile Strength test) | 02/12/10 |
| Fleetwood Testing Laboratory | DK/FTL/2431 | 12/07/12 |
| Satra Technology Centre | SPC0186904/1030/issue 4,Orange fabric | 18/10/11 |
| Satra Technology Centre | SPC0183196/1010/ 1, issue 3, Yellow fabric | 18/10/10 |
| Force Technology | 107-38263.b (Buckle) | 14/08/08 |
| BG BAU-Arbeitsschutzzentrum Haan | 08 10087( Foam test) | 15/02/08 |
| Fleetwood Testing Laboratory | SLH/FTL/2588, Light Fixture WR3 in round housing | 26/11/13 |

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**DESIGN APPRAISAL DOCUMENT**

## ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR26190202SS

| | | |
|---|---|---|
| Fleetwood Testing Laboratory | DK/FTL/2652, Recessed Light | 09/06/14 |
| Fleetwood Testing Laboratory | JH/FTL/2741 Strength Test, Lifting loop strength test | 05/05/15 |
| Fleetwood Testing Laboratory | JH/FTL/3316A | 18/01/24 |

### CONDITIONS OF CERTIFICATION

**Approved Materials**

| Material | Manufacturer |
|---|---|
| Buoyancy Foam | Dragon Plastics |
| Cover Fabric | Polyester 150d by Thai-taffeta |
| Front Buckle | ITW NEXUS SS 40 |
| Retroreflective tape | Orafol |

**Approved lights**

| Manufacturer | Light model |
|---|---|
| Ideas Connected Ltd | CS-CL2, CS-SL3, CS-SL2 |
| Daniamant | WR3, W4A |

1. The lifejacket is approved only for use by adults of a weight and height range of 43 kg or more and 155 cm or more
2. The measured buoyancy of this lifejacket design is 181 N.
3. Instructions for use shall be provided with each lifejacket. As prescribed by SOLAS Regulation III/35 one or more additional copies shall be provided for inclusion in the vessel's Training Manual
4. As prescribed by SOLAS Regulation III/36 and where applicable, lifejackets shall be maintained as per manufacturer's instructions
5. Each lifejacket shall be provided with a releasable buoyant line or other means to secure it to a lifejacket worn by another person in the water as per LSA Code as amended by Regulation II/2.2.1.16
6. Each lifejacket shall also be marked with the information required by LSA Code, Regulation I/1.2.2.9 and II/2.2.1.10.
7. An approved lifejacket light meeting the requirements of the LSA Code Regulation II/2.2.3 together with a whistle meeting the requirements of LSA Code regulations II/2.2.1.14 are to be fitted. The light is to be tested and meet the requirements of IMO Resolution MSC.81(70), Part I, 10.3 and 10.4, and its attachment to the Lifejacket confirmed.
8. The storage of this equipment is not part of this Design Appraisal or Certificate. All such arrangements are to be to the satisfaction of the attending Surveyors on board
9. 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
10. 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.
11. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81 (70), Part 2 , paragraph 2.1.1 (buoyancy test), paragraph 2.1.2 (batch inspection) and each item, batch, or lot be delivered with an LR Certificate

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## ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR26190202SS

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

12. 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

**PLACES 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
Economic Development Zont
Wujiang City, Jiangsu Province,
PR China
215200

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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