



EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), designated as a "notified body" under the terms of the Merchant Shipping (Marine Equipment) Regulations 2016 (S.I. 2016 No.1025), did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Life-saving appliances requirements of Marine Equipment Directive (MED) 2014/90/EU and Commission Implementing Regulation (EU) 2018/773 indicating design, construction and performance requirements and testing standards for marine equipment, subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer (Applicant)	Survitec Services & Distribution
Address	Survitec House Lederle Lane Gosport, PO13 0FZ United Kingdom (UK)
Reference	Regulation (EU) 2018/773
Regulation Item (No & Item designation)	MED/1.4 LIFEJACKETS
Product Type	LIFEJACKETS
Product Description	Inherently Buoyant Child Lifejacket - Type: "Premier 2010" also known as "MERMAN 20"
Specified Standard	IMO Resolution MSC.81 (70) Part 1 as amended to date

The attached Design Appraisal Document (schedule) forms part of this certificate.

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

Date of issue 10 January 2019 Expiry date 31 July 2023

Certificate No. MED 1850164/M1 Signed



Sheet No. 1 of 4

Name

L. Thomas

For and on behalf of Lloyd's Register Verification
LRV EC Distinguishing No. 0038

Note:

This certificate is issued under the authority of the MCA.

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 the notified body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.

Lloyd's Register Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK. A subsidiary of Lloyd's Register Group Limited.

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's
Register

Lloyd's Register Verification Limited

71 Fenchurch Street, London, EC3M 4BS

Telephone 020 7423 2416 Fax 020 7423 2053

Email med@lr.org

Page 2 of 4
Document number MED 1850164/M1
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 11 January 2019	Quote this reference on all future communications UKITSO/SFS/TA/LT/WP33041729
-------------------------	--

ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1850164/M1

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.

This certificate is a renewal of MED 1850164

EXAMINED DOCUMENTATION

- Technical File Issue 3, Reference 00734, dated 06.2010.
- Product Specification Part A (Overseas), Product name Premier 2010 Lifejacket (10572 adult, 10573 child & 10574 infant), Rev. No 42, design code 00734 & dated 19th September 2016.

<u>Drawing No.</u>	<u>Rev</u>	<u>Title</u>	<u>Date</u>
01090003	-	General Arrangement	01/04/09
01090004	-	Dimension Drawing	21/01/09
01090008	-	Child Lifejacket Cover Pattern	21/01/09
05080010	-	Foam Pattern	01/04/09
05080012	-	Foam Dimension	17/03/08
01090014	-	Lifejacket Construction	01/04/09

TEST REPORTS

<u>Report Title or Author</u>	<u>Report No.</u>	<u>Date</u>
Fleetwood Testing Laboratory	BLS/FTL/1170	25/07/07
Fleetwood Testing Laboratory	BLS/FTL/1170a	28/08/08
DGUV	0810087	02/06/08
Fleetwood Testing Laboratory	BLS/FTL/2083	27/11/08
Fleetwood Testing Laboratory	BLS/FTL/2095	19/01/09
Fleetwood Testing Laboratory	BLS/FTL/2299	02/12/10
Fleetwood Testing Laboratory	DK/FTL/2431	12/07/12
Satra Technology Centre	SPC0183196/1010/1	12/05/10
Force Technology (buckle)	107-38263.b	14/08/08

CONDITIONS OF CERTIFICATION

<u>Materials</u>		
Buoyancy Foams	EPE (Jiao Long), LO141, HM0141	
Cover Fabric	FZ 100% polyester 140 gsm	
Front Buckle	ITW NEXUS SS40	

1. The lifejacket is approved only for use by persons within a weight and height range of 15-43 kg and 100-155 cm
2. The minimum total buoyancy of this lifejacket design is 108 N



Lloyd's
Register

Lloyd's Register Verification Limited

71 Fenchurch Street, London, EC3M 4BS

Telephone 020 7423 2416 Fax 020 7423 2053

Email med@lr.org

Page 3 of 4
Document number MED 1850164/M1
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 11 January 2019	Quote this reference on all future communications UKITSO/SFS/TA/LT/WP33041729
-------------------------	--

ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1850164/M1

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 also be marked with the information required by LSA Code as amended by Regulation I/1.2.2.9 and II/2.2.1.2
6. When required, an approved lifejacket light meeting the requirements of the LSA Code as amended by Regulation II/2.2.3 is to be fitted. The light is to be tested and meet the requirements of IMO Resolution MSC.81 (70), Part 1, 10.3 and 10.4 and is attachment have to be to the satisfaction of the attending Surveyors
7. Each lifejacket shall be fitted with a whistle firmly secured by a lanyard as per LSA Code as amended by Regulation II/2.2.1.14
8. 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
9. 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
10. 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
11. 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
12. 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 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
13. Each item, batch or lot of the equipment is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity"
14. 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



Lloyd's
Register

Lloyd's Register Verification Limited

71 Fenchurch Street, London, EC3M 4BS

Telephone 020 7423 2416 Fax 020 7423 2053

Email med@lr.org

Page 4 of 4
Document number MED 1850164/M1
Issue number 1

DESIGN APPRAISAL DOCUMENT

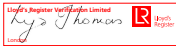
Date 11 January 2019	Quote this reference on all future communications UKITSO/SFS/TA/LT/WP33041729
-------------------------	--

ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1850164/M1

PLACES OF PRODUCTION

Survitec Service & Distribution Ltd. Survitec House
Lederle Lane
Gosport
Hampshire
PO13 0FZ

Winning Industrial co., Ltd.
Chuan Tang industrial Zone
Liao Bu, Dong Guan
Guang Dong
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 Verification
LRV EC Distinguishing No. 0038