

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	Survitec Services & Distribution Ltd
Address	Survitec House Lederle Lane Gosport, PO13 0FZ United Kingdom (UK)
Product Type	LIFEJACKETS
Product Description	Inherently Buoyant Adult Lifejacket – Type “1199 Premier Compact”
Specified Standards	IMO Resolution MSC.81 (70), Part 1 as amended by Resolution MSC.200 (80), MSC.207 (81), MSC.218 (82), MSC.323 (89) and MSC.378 (93)

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.

Date of issue 13 September 2019

Expiry date 17 June 2020

Certificate No. SAS S150065/M2

Signed



Sheet No 1 of 4

Name

L. Thomas
Surveyor to Lloyd's Register EMEA
A Member of the Lloyd's Register Group

Note:

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

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.



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Register

Lloyd's Register EMEA (Southampton)

Marine & Offshore UK&I

Lloyd's Register Global Technology Centre, Southampton
Boldrewood Innovation Campus, Burgess Road, Southampton,
SO16 7QF
Telephone +44 330 414 1000 / E-mail tass@lr.org

Page	2 of 4
Document number	SAS S150065/M2
Issue number	1

DESIGN APPRAISAL DOCUMENT

Date	Quote this reference on all future communications
13 September 2019	UKITSO/LSA/TA/LT/WP35966978

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S150065/M2

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 an amendment of SAS S150065/M1

EXAMINED DOCUMENTATION

Technical Specification Project No 01199 Inherent Lifejacket - Premier Compact, Issue 2 and dated 15/July/2019.

Product description for Inherent Lifejacket - Premier Compact Project No 01199 and dated May 2015.

<u>Drawing No.</u>	<u>Rev.</u>	<u>Title</u>	<u>Date</u>
1199	19	Product details (2 sheets)	12/02/2019
1199	19	Lifejacket dimensions	12/02/2019
1199	19	Foam Dimension	12/02/2019
1199	19	Pattern Pieces	12/02/2019
1199	19	Product Details Pocket Assembly	12/02/2019
1199	19	Product Details: Inner Velcro Positioning	12/02/2019
1199	19	Product details light fittings and backing panels	12/02/2019
1199	19	Standards Screen prints	12/02/2019
1199	19	Product Details: Optional Light fitting (DAN WR 4 & CAL)	12/02/2019
1199	19	Donning print	12/02/2019

TEST REPORTS

<u>Report Title</u>	<u>Report No.</u>	<u>Date</u>
Satra Technology Centre Ltd	SPC0183196/1010/1 Issue 2	04/08/2010
DGUV Buoyant Foam	0810087	15/02/2008
DGUV Buoyant Foam	1110118	24/02/2011
Danak Test Report	110-34857	28/04/2011
DGUV webbing	0910560	17/12/2009
Satra Technology Centre Ltd	SPC0181029/0951	19/01/2010
Satra Technology Centre Ltd	SPC0181599/1003	12/03/2010
Satra Technology Centre Ltd.	SPC0179670/0943	18/12/2009
DANAK Test Report	107-38263.b	14/08/2008
DGUV Test Report	1410462	12/05/2014
Fleetwood Testing Laboratory	BLS/FTL/2299	02/12/2010
Force Technology	107-32089	05/07/2007
Fleetwood Testing Laboratory	JH/FTL/2718	01/06/2015
Fleetwood Testing Laboratory test for assessment of various light options	JH/FTL/2777a	28/01/2016
Fleetwood Testing Laboratory test for assessment of increased foam depth by 6mm.	NW/FTL/3142, issue 2	15/08/2019



Page	3 of 4
Document number	SAS S150065/M2
Issue number	1

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CONDITIONS OF CERTIFICATION

1. **Materials-**

Buoyancy Foam:	EPE Buoyant foam
Cover Fabric:	FZ 100% Polyester 140gsm
Front Buckle:	ITW NEXUS SS40 Due Emme HB-40
2. The lifejacket is approved only for use by adults of a weight and height range of 43 Kg or more, 155 cm or more and up to 140 Kg with a chest girth of 1750 mm
3. The minimum total buoyancy of this lifejacket design is 150 N
4. 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
5. Each lifejacket shall also be clearly marked with the information required by LSA Code as amended by Regulation I/1.2.2.9 and II /2.2.1.2
6. As prescribed by SOLAS Regulation III/36 and where applicable, lifejackets shall be maintained as per manufacturer's instructions
7. 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
8. 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
9. Each lifejacket shall be provided with a reasonable 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
10. The storage of this equipment is not part of this Design Appraisal Document or Certificate. All such arrangements are to be to the satisfaction of the attending Surveyors 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. 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
13. 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
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



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Page	4 of 4
Document number	SAS S150065/M2
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PLACES OF PRODUCTION

Winning Industrial Co., Ltd
Chuan Tang Industrial Zone
Liao Bu, Dong Guan
Guang Dong
People's Republic of China

Aqua Performance (Cambodia) Co., Ltd
St. AnLong Kuong, Phum AnLong Kuong Chas,
Sangkat Preysor, Phan DOUNGKOAR
Phnom Penh, Kingdom of Cambodia

DongGuan City Outdoorsy Co., Ltd
No 12, Wu Song 3rd Street
Yuwu Industry Zone
Dong Cheng District
Dong Guan City
Gang Dong Province
523117
People's Republic of China



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).