



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.

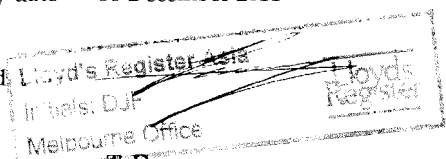
Manufacturer	Safety Marine Australia
Address	37 Levanswell Road Moorabbin, Victoria 3189 Australia
Product Type	LIFEJACKETS
Product Description	Inherently buoyant / Adult Lifejacket - Type: "SMA89"
Specified Standards	SOLAS 74 Chapter III/4 and 34. LSA Code Regulations I/1.2, and II/2.2. IMO Resolution MSC.81(70), Part 1.

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 31 December 2006

Expiry date 30 December 2011

Certificate No. SAS S060118

Signed: 

Sheet No 1 of 3

Name T. Devaney

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, 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 Group'. The Lloyd's Register Group 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 Group 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 EMEA

71 Fenchurch Street, London, EC3M 4BS
Telephone 020 7423 2940 Fax 020 7397 4246
Email dcg-stat@lr.org

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Document number SAS S060118
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 24 January 2007	Quote this reference on all future communications LDSS/PAS/LSA/TCD/1-16762142
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S060118

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.

EXAMINED DOCUMENTATION

<u>Dwg No.</u>	<u>Date</u>	<u>Drawing Title</u>
RF 026	09/02/2000	SMA89 Lifejacket General Assembly and Details

EXAMINED TEST REPORTS

<u>Report No.</u>	<u>Date</u>	<u>Report Title or Test Description</u>
FN:015363-02	13/09/2000	SMA 89 Lifejacket Prototype Test Report (Buoyancy)
PDR 99/015	25/08/1999	SMA 89 Lifejacket Prototype Test Report
TN7-491334-MV	11/04/2000	Test Report Fluoro Yellow Wrap Knitted Fabric

CONDITIONS OF CERTIFICATION

1. 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.
2. The Lifejacket is approved only for use by adult persons a weight above of 32 kg.
3. As prescribed by SOLAS Regulation III/36 and where applicable, lifejackets shall be maintained as per manufacturers' instructions.
4. 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.
5. 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.

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S060118

6. Each lifejacket shall also be marked with the additional data required by LSA Code regulations I/1.2.2.9 and also I/2.2.1.6.1 and .2.
7. When required, an approved lifejacket light meeting the requirements of LSA Code regulation II/2.2.3 together with a whistle meeting the requirements of LSA Code regulation II/2.2.1.8, are to be fitted. The light shall have been tested to the requirements of MSC.81(70) I/10.3 and 10.4 and it's attachment to the lifejacket be confirmed.
8. Should the specified standards be 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.
9. Should a change of Place of Production from that stated below be required, i.e. where the final 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 be require to be updated for Approval to be maintained.

PLACE OF PRODUCTION

Safety Marine Australia
37 Levanswell Road
Moorabbin, Victoria 3189
Australia



Tio Devaney
Senior Surveyor
Product Approval Services
London Design Support Services
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).

EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that :

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), specified as a "notified body" under the terms of The Merchant Shipping (Marine Equipment) Regulations S.I. 1999 No. 1957, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Life Saving Appliance requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Commission Directives 98/85/EC, 2001/53/EC, 2002/75/EC and 2002/84/EC subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer	Safety Marine Australia
Address	37 Levanswell Road Moorabbin, Victoria 3189 Australia
Annex A1 Item	A.1/1.4
Product Type	LIFE JACKETS
Product Description	Inherently buoyant/ Adult Lifejacket - Type: "SMA89"
Specified Standard	SOLAS 74 Chapter III/4 and 34. LSA Code Regulations I/1.2, and II/2.2. IMO Resolution MSC. 81(70), Part 1.

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	31 December 2006	Expiry date	30 December 2011
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Certificate No.	MED 0650202
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Signed	
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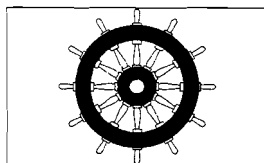
Sheet No	1 of 3
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Name	T. Devaney
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For and on behalf of Lloyd's Register Verification
LRV EC Distinguishing No. 0038

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



0038/yy

Subject to compliance with the conditions in the attached Design Appraisal Document (schedule), which forms part of this certificate, and those of Articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the "Mark of Conformity" to the Product described herein.
yy Last two digits of year mark affixed.

This certificate is issued under the authority of the MCA.

"Lloyd's Register Verification is the business name of Lloyd's Register Verification Limited, a member of the Lloyd's Register Group.
Registration number 4929226.
Registered office 71 Fenchurch Street, London EC3M 4BS, England

"Lloyd's Register, 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 Group'. The Lloyd's Register Group 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 Group 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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DESIGN APPRAISAL DOCUMENT

Date	23 November 2006	Quote this reference on all future communications	LDSS/PAS/LSA/TCD/1-16762142
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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 0650202

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.

EXAMINED DOCUMENTATION

<u>Dwg No.</u>	<u>Date</u>	<u>Drawing Title</u>
RF 026	09/02/2000	SMA89 Lifejacket General Assembly and Details

EXAMINED TEST REPORTS

<u>Report No.</u>	<u>Date</u>	<u>Report Title or Test Description</u>
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CONDITIONS OF CERTIFICATION

1. 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.
2. The Lifejacket is approved only for use by adult persons a weight above of 32 kg.
3. As prescribed by SOLAS Regulation III/36 and where applicable, lifejackets shall be maintained as per manufacturers' instructions.
4. Production models are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D) or a Product Quality Assurance system (Module E), or a Product Verification process (Module F) of the Marine Equipment Directive.
5. Production tests are to be conducted in accordance with the applicable requirements of IMO Res. MSC. 81(70), Part 2, in respect of buoyancy and the results be recorded by the manufacturer in accordance with either an approved Production Quality Assurance system (Module D) or a Product Quality Assurance system (Module E) or a Product Verification process (Module F) of the Marine Equipment Directive.
6. Each lifejacket shall also be marked with the additional data required by LSA Code regulations I/1.2.2.9 and also I/2.2.1.6.1 and .2.



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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 0650202

7. When required, an approved lifejacket light meeting the requirements of LSA Code regulation II/2.2.3 together with a whistle meeting the requirements of LSA Code regulation II/2.2.1.8, are to be fitted. The light shall have been tested to the requirements of MSC.81(70) I/10.3 and 10.4 and it's attachment to the lifejacket be confirmed.
8. Should the specified standards be 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.
9. Each product is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity".
10. Should a change of Place of Production from that stated below be required, i.e. where the final 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 be require to be updated for Approval to be maintained.

PLACE OF PRODUCTION

Safety Marine Australia
37 Levanswell Road
Moorabbbin, Victoria 3189
Australia

Tio Devaney
Senior Surveyor
For and on behalf of Lloyd's Register Verification
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