Lloyd's Register

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	GC Rieber Compact AS
Address	Smoget 29 N-5215 Søtteland/Bergen Norway
Product Type	**SURVIVAL CRAFT EQUIPMENT**
Product Description	Emergency food ration for use in equipment packs for liferafts and lifeboats - Type: **"Seven Oceans Food Ration"**
Specified Standards	SOLAS 74, as amended, Regulations III/4.5 and 34 The LSA Code, Regulations I/1.2, IV/4.1.5.1.19 and IV/4.4.8.12 as amended by MSC.218(82) ISO 18813: 2006

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 28 September 2015

Expiry date 27 September 2020

Certificate No. SAS S150113

Signed

Sheet No 1 of 3

Name B. Geary
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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Lloyd's Register EMEA
71 Fenchurch Street, London, EC3M 4BS
Telephone 020 7423 2416 Fax 020 7423 2053
Email med@lr.org

Document number SAS S150113

Issue number 1

DESIGN APPRAISAL DOCUMENT

Date	Quote this reference on all future communications
28 September 2015	MTES/SFS/TA/BG/WP22260468

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S150113

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Seven Oceans Ration 500g "Data Sheet"

Marking instructions dated 26 October 2000

Enclosure 2 of Force Institute File No. 126940/m1460-275 dated 10 February 2000

TEST REPORTS

Report No.	Report Title or Test Description	Date
126940/m1460-275	Force Institute Test Report of Seven Oceans vitaminized bars packed into an outer container (100 x 650 x 125 mm) containing 9 bars (18 tablets) of net weight 500g. Tests according to USCG Guideline § 46, August 1997.	10.02.2000
2000-393	Norconserv Report of Bacterial and Chemical Analyses.	29.06.2000
124301/I	Norwegian Health Authority – Bergen Kommune Report of Bacterial and Chemical Analyses.	14.02.2000
108-27323.a	Force Institute Test Report of Seven Oceans, standard emergency food ration, 500g, 9 bars of 55.6g and Seven Oceans, emergency drinking water, 500ml, 2x 5 x 50ml.	19.09.2008
108-27323.b	Force Institute Test Report of Seven Oceans, standard emergency food ration, 500g, 9 bars of 55.6g and Seven Oceans, emergency drinking water, 500ml, 2x 5 x 50ml.	19.09.2008
108-27323.01	Force Institute Test Report of Seven Oceans, standard emergency food ration, 500g, composition test	11.09.2008
108-27323.02	Force Institute Test Report of Seven Oceans, standard emergency food ration, 500g, 9 bars of 55.6g and Seven Oceans, emergency drinking water, 500ml, 2x 5 x 50ml.	15.09.2008
108-27323.03	Force Institute Test Report of Seven Oceans, standard emergency food ration, 500g, 9 bars of 55.6g and Seven Oceans, emergency drinking water, 500ml, 2x 5 x 50ml. Mass of food and water test	19.09.2008
271052	Danak Teknologisk Institute Test Report of Seven Oceans, standard emergency food ration, 500g, 9 bars of 55.6g and Seven Oceans, emergency drinking water, 500ml, 2x 5 x 50ml. vapour transmission test	5.08.2008

CONDITIONS OF CERTIFICATION

1. In the case of re-sealable packages, pictorial instructions for use are to be marked on or supplied with each package

2. Each carton, outer package and inner package shall be clearly marked with the manufacturer's name or trade mark, description of the contents, weight, calorific value, lot or batch number, date of expiry, recommended daily consumption per person, LR Approved

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3. If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to being supplied to vessels to which the amended standards apply

4. Processing, packaging and sterilisation arrangements shall be carried out under hygienic conditions, and a quality control system 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

6. 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

7. 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

PLACE OF PRODUCTION

GC Rieber Compact AS
Smoget 29
N-5215 Søtteland/Bergen
Norway

Ben Geary
Technical Manager
Fire & Safety
Marine Technology and Engineering 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).

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Lloyd's Register

CERTIFICATE OF TYPE APPROVAL

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Manufacturer	GC Rieber Compact AS
Address	Smoget 29 N-5215 Søtteland/Bergen Norway
Product Type	**SURVIVAL CRAFT EQUIPMENT**
Product Description	Emergency water ration for use in equipment for liferafts and lifeboats - Type: **"Seven Oceans Drinking Water"**
Specified Standards	SOLAS 74, as amended, Regulations III/4.5 and 34 The LSA Code, Regulations I/1.2, IV/4.1.5.1.19 and IV/4.4.8.12 as amended by MSC.218(82) ISO 18813: 2006

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Date of issue 28 September 2015

Expiry date 27 September 2020

Certificate No. SAS S150114

Signed

Sheet No 1 of 3

Name B. Geary
Surveyor to Lloyd's Register EMEA
A Member of the Lloyd's Register Group

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DESIGN APPRAISAL DOCUMENT

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28 September 2015	MTES/SFS/TA/BG/WP22260468

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S150114

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.

APPROVAL DOCUMENTATION

Seven Oceans Ration 500g "Data Sheet"

Marking instructions dated 26 October 2000

Enclosure 2 of Force Institute File No. 126940/m1460-275 dated 10 February 2000

TEST REPORTS

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GC Rieber Compact AS
Smoget 29
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Ben Geary
Technical Manager
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