



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 Søfteland/Bergen, Norway
Type	Survival Craft Equipment
Description	Emergency food ration for use in equipment packs for liferafts and lifeboats – Type: "Seven Oceans Food Ration"
Trade Name	Seven Oceans Food Ration
Specified Standard	ISO 18813: 2006

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

Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United
Kingdom

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 '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.

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2049552SS

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 a renewal of certificate no. SAS S150113.

APPROVAL DOCUMENTATION

Seven Oceans Ration 500g "Data Sheet"

Marking information 2020

TEST REPORTS

Report No.	Report Title or Test Description	Date
SR2000486	ALS Laboratory Group analysis certificate	03.07.2020
120-24493a	Enclosure 2 (Part 1) Force Institute Test Report of Seven Oceans, food ration, 500g, composition analysis	30.03.2020
120-24493a	Verification Report (Part 2, ALS Sarpsborg) Force Institute Test Report of Seven Oceans, food ration, 500g, composition analysis	30.03.2020
80.935-362/10	Force Institute Verification 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.	03.02.2010
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



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2049552SS

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 emergency food ration package shall be clearly marked with the manufacturer's name or trade mark, contents capacity, lot or batch number, date of expiry of the contents, recommended daily consumption per person and name of Approving Authority(s)
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 and packaging 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 items are to be manufactured in accordance with a quality control procedure and records kept as required by MSC.81(70) Part 2, Paragraph 1.2. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5. 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. 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 Sjøfteland/Bergen
Norway



Lijo Thomas
Senior Specialist
Statutory Fire & Safety
Southampton 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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Manufacturer	GC Rieber Compact AS
Address	Smoget 29, N-5215 Sjøfteland/Bergen, Norway
Type	Survival Craft Equipment
Description	Emergency water ration for use in equipment for liferafts and lifeboats – Type: "Seven Oceans Drinking Water"
Trade Name	Seven Oceans Drinking Water
Specified Standard	ISO 18813: 2006

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.

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2049560SS

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 a renewal of certificate no. SAS S150114.

APPROVAL DOCUMENTATION

Seven Oceans 500 ml Emergency Drinking Water "Data Sheet"

Marking instructions, October 2020

TEST REPORTS

Report No.	Report Title or Test Description	Date
SR2000467	ALS Laboratory Group analysis certificate	08.06.2020
120-24493a	Enclosure 3 (Part 1) Force Institute Test Report of Seven Oceans, drinking water, composition analysis	30.03.2020
120-24493a	Verification Report (Part 2, ALS Sarpsborg) Force Institute Test Report of Seven Oceans, drinking water, composition analysis	30.03.2020
80.935-362/10	Force Institute Verification 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.	03.02.2010
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
126940/m1460-275	Force Institute Test Report of Seven Oceans flexible packaging 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



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2049560SS

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 outer and inner package shall be clearly marked with the manufacturer's name or trade mark, contents capacity, lot or batch number, date of expiry of the contents, recommended daily consumption per person and name of Approving Authority(s)
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 and packaging 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 items are to be manufactured in accordance with a quality control procedure and records kept as required by MSC.81(70) Part 2, Paragraph 1.2. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5. 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. 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 Sjøteland/Bergen
Norway



Lijo Thomas
Senior Specialist
Statutory Fire & Safety
Southampton Technical Support Office, Marine & Offshore
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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).





Certificate Of Type Approval (MCA)

This is to certify that LLOYD'S REGISTER, specified as a "person" under the terms of The Merchant Shipping (Marine Equipment) Regulations 2016 (SI2016 No. 1025), did undertake the relevant type approval procedures of the equipment identified below which was found to be in compliance with the essential Life Saving Appliance requirements subject to any conditions in the Design Appraisal Document hereto.

Manufacturer	GC Rieber Compact AS
Address	Smoget 29, N-5215 Sjøfteland/Bergen, Norway
Type	Survival Craft Equipment
Description	Emergency food ration for use in equipment packs for liferafts and lifeboats – Type: "Seven Oceans Food Ration"
Trade Name	Seven Oceans Food Ration
Specified Standard	ISO 18813: 2006

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 up to the expiry date, unless cancelled or revoked, or until such date where it is superseded by the requirements of the Marine Equipment Directive, whichever is sooner, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.



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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2049517MC

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and UK legislation for the Type Approval of Marine Equipment for use on Merchant Ships Registered in the United Kingdom.

This Design Appraisal Document forms part of the Certificate that is issued under the authority given in the MCA Merchant Shipping Notice No MSN 1874.

This certificate is a renewal of certificate no. MCA 1550016.

APPROVAL DOCUMENTATION

Seven Oceans Ration 500g "Data Sheet"

Marking information 2020

TEST REPORTS

Report No.	Report Title or Test Description	Date
SR2000486	ALS Laboratory Group analysis certificate	03.07.2020
120-24493a	Enclosure 2 (Part 1) Force Institute Test Report of Seven Oceans, food ration, 500g, composition analysis	30.03.2020
120-24493a	Verification Report (Part 2, ALS Sarpsborg) Force Institute Test Report of Seven Oceans, food ration, 500g, composition analysis	30.03.2020
80.935-362/10	Force Institute Verification 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.	03.02.2010
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



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2049517MC

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
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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 and packaging 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 items are to be manufactured in accordance with a quality control procedure and records kept as required by MSC.81(70) Part 2, Paragraph 1.2. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5. 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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PLACE OF PRODUCTION

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N-5215 Sjøfteland/Bergen
Norway



Lijo Thomas
Senior Specialist
Statutory Fire & Safety
Southampton Technical Support Office, Marine & Offshore
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Supplementary Type Approval Terms and Conditions

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Certificate Of Type Approval (MCA)

This is to certify that LLOYD'S REGISTER, specified as a "person" under the terms of The Merchant Shipping (Marine Equipment) Regulations 2016 (SI2016 No. 1025), did undertake the relevant type approval procedures of the equipment identified below which was found to be in compliance with the essential Life Saving Appliance requirements subject to any conditions in the Design Appraisal Document hereto.

Manufacturer	GC Rieber Compact AS
Address	Smoget 29, N-5215 Sjøfteland/ Bergen, Norway
Type	Survival Craft Equipment
Description	Emergency water ration for use in equipment for liferafts and lifeboats – Type: "Seven Oceans Drinking Water"
Trade Name	Seven Oceans Drinking Water
Specified Standard	ISO 18813: 2006

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2049525MC

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and UK legislation for the Type Approval of Marine Equipment for use on Merchant Ships Registered in the United Kingdom.

This Design Appraisal Document forms part of the Certificate that is issued under the authority given in the MCA Merchant Shipping Notice No MSN 1874.

This certificate is a renewal of certificate no. MCA 1550017.

APPROVAL DOCUMENTATION

Seven Oceans 500 ml Emergency Drinking Water "Data Sheet"

Marking instructions, October 2020

TEST REPORTS

Report No.	Report Title or Test Description	Date
SR2000467	ALS Laboratory Group analysis certificate	08.06.2020
120-24493a	Enclosure 3 (Part 1) Force Institute Test Report of Seven Oceans, drinking water, composition analysis	30.03.2020
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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.	19.09.2008
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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	15.09.2008
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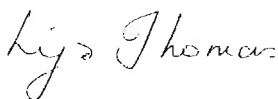
ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2049525MC

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