

## CERTIFICATE OF TYPE APPROVAL



This is to certify that

LLOYD'S REGISTER, specified as a "person" under the terms of The Merchant Shipping (Delegation of Equipment Approval) Regulations 1996, 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.

|                              |   |
|------------------------------|---|
| <b>Producer</b>              | Compact AS  |
| <b>Address</b>               | Smoget<br>N-5212 Soefteland<br>Norway   |
| <b>Equipment Description</b> | Emergency food ration for use in equipment packs for liferafts and lifeboats - Type:<br>"Seven Oceans Food Ration"  |
| <b>Type</b>                  | SURVIVAL CRAFT EQUIPMENT  |
| <b>Specified Standard</b>    | SOLAS 74, as amended, Regulations III/4.5 and 34<br>The LSA Code, Regulations I/1.2, IV/4.1.5.1.19 and IV/4.4.8.12, as amended by<br>MSC.218(82)<br>ISO 18813: 2006 |

The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid up to the expiry dated unless cancelled or revoked, or until such date where it is superseded by the requirements of the Marine Equipment Directive whichever is the earlier, provided the conditions in the attached schedule are complied with and the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

|                        |                   |                    |   |
|------------------------|-------------------|--------------------|---|
| <b>Date of issue</b>   | 28 September 2010 | <b>Expiry date</b> | 27 September 2015   |
| <b>Certificate No.</b> | MCA 1050011       | <b>Signed</b>      | <br> |
| <b>Sheet No</b>        | 1 of 3            | <b>Name</b>        | P. Galbraith<br>Surveyor to Lloyd's Register EMEA<br>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 the nominated body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.



Maritime and Coastguard Agency  
An Executive Agency of the Department for Transport

This certificate is issued under the authority given in Merchant Shipping Notice No MSN 1735 (M+F) as amended to date.

**DESIGN APPRAISAL DOCUMENT**

|                           |   |
|---------------------------|---|
| Date<br>28 September 2010 | Quote this reference on all future communications<br>LDSO/TA/SFS/PG |
|---------------------------|---|

**ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. MCA 1050011**

The undernoted documents have been appraised for compliance with the relevant 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 1735.

**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 |
| 124301/1         | 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  |

### DESIGN APPRAISAL DOCUMENT

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#### ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. MCA 1050011

#### 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.
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 to the principles of IMO Resolution MSC.81(70), Part 2 and, as appropriate, records maintained for verification and witnessing by LR Surveyors.
6. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype.

#### PLACE OF PRODUCTION

Compact AS  
Smoget  
N-5212 Soefteland  
Norway


Paul Galbraith  
Lead Specialist  
Statutory Fire & Safety  
London Design Support Office  
Lloyd's Register EMEA

## CERTIFICATE OF TYPE APPROVAL


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LLOYD'S REGISTER, specified as a "person" under the terms of The Merchant Shipping (Delegation of Equipment Approval) Regulations 1996, 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.

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| <b>Producer</b>              | Compact AS   |
| <b>Address</b>               | Smoget<br>N-5212 Soefteland<br>Norway  |
| <b>Equipment Description</b> | SURVIVAL CRAFT EQUIPMENT   |
| <b>Type</b>                  | Emergency water ration for use in equipment for liferafts and lifeboats -<br>Type: "Seven Oceans Drinking Water"   |
| <b>Specified Standard</b>    | SOLAS 74, as amended, Regulations III/4.5 and 34<br>The LSA Code, Regulations I/1.2, IV/4.1.5.1.19 and IV/4.4.8.12 as<br>amended by MSC.218(82)<br>ISO 18813: 2006 |

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|                 |                   |             |   |
|-----------------|-------------------|-------------|---|
| Date of issue   | 28 September 2010 | Expiry date | 27 September 2015   |
| Certificate No. | MCA 1050012       | Signed      |         |
| Sheet No        | 1 of 3            | Name        | P. Galbraith<br>Surveyor to Lloyd's Register EMEA<br>A Member of the Lloyd's Register Group |



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| Document number<br>MCA 1050012 |
| Issue number<br>1              |

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