



Transport
Canada
Safety and Security

Page 1 of 3
Certificate No: LR2441986SSTC
Issue Date: 12/04/2024
Expiry Date: 11/04/2029

Certificate Of Type Approval Issued On Behalf Of Transport of Canada

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 Transport Canada to issue the relevant certificates, licences, permits etc.

Manufacturer	Wescom Signal & Rescue Germany GmbH
Address	Vieländer Weg 147, 27574 Bremerhaven, Germany
Type	Survival Craft Equipment
Description	Pre-Packed Emergency Food Ration for liferafts and lifeboats (500g)
Trade Name	Comet Emergency Rations & Pains Wessex Emergency Rations
Specified Standard	ISO 18813:2022

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 Design Appraisal Document and its supplementary Type Approval Terms and Conditions form 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.

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

Lijo Thomas

Fire & Safety - Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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. LR2441986SSTC

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

Comet & Pains Wessex Emergency Drinking Water & Emergency Rations Product and Packaging description document no 69335, dated 04/04/2024.

Technical Data sheet, Comet Emergency Drinking Water & Emergency Rations Issue 1, dated 07/2023.

Technical Data sheet, Pains Wessex Emergency Drinking Water & Emergency Rations Issue 1, dated 07/2023.

TEST REPORTS

<u>Report No.</u>	<u>Report Title or Test Description.</u>	<u>Date.</u>
124-23717	FORCE Certification, Validation of test reports; 24011206-1 & WesCom-2023-T-F&W-0002	27/02/2024
24011206-1	IBEN GmbH, Chemical & Physical Food Analysis Report.	13/02/2024
WESCOM-2023-T-F&W-02, Issue 0001	Wescom Group, Drop test, Low and High Temperature storage, Leakage, Immersion & tumble test of food sachets as per ISO 18813:2022.	06/12/2023
-	Gualapack spa, Vapor Barrier properties of laminates with Al 8.5µ statement and supporting documents.	01/09/2023

CONDITIONS OF CERTIFICATION

1. Each outer and inner package shall be clearly marked with the manufacturer's name or trademark, contents capacity, lot or batch number, date of expiry of the contents, recommended daily consumption per person and name of Approving Authority(s).
2. The emergency food ration packaging shall be clearly marked with, approval information including the Administration which approved it, the production lot number, the content in the package and instructions for use.
3. The emergency food ration are to be marked with a packing date and an expiry date. The expiry date shall be of no later than five years after the packing date.
4. During periodic shipboard inspections, all emergency provisions packages past their expiry date shall be replaced.
5. 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.
6. 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.



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2441986SSTC

7. Production items are to be manufactured in accordance with a quality control procedure and records kept as required. 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.
8. All instructions or markings that accompany life-saving appliances or are printed directly on the appliances must be in both English and French, as per Canadian procedures for approval of life-saving appliances and fire safety systems, equipment and products document no. TP 14612E (05/2011) paragraph 2.2.1.3. However independent signage can be accepted in lieu of the instructions or marking required in paragraph 2.2.1.3 if it is in both English and French, highly visible (size, colour, posting location), water and weather proof and posted at each muster station and where the appliance is stored.
9. 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

Wescom Signal & Rescue Germany GmbH
Vieländer Weg 147
27574 Bremerhaven
Germany

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)

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.



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	Wescom Signal & Rescue Germany GmbH
Address	Vieländer Weg 147, 27574 Bremerhaven, Germany
Type	Survival Craft Equipment
Description	Pre-Packed Emergency Food Ration for liferafts and lifeboats (500g)
Trade Name	Comet Emergency Rations & Pains Wessex Emergency Rations
Specified Standard	ISO 18813:2022

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

Fire & Safety - Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2441985SS

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

Comet & Pains Wessex Emergency Drinking Water & Emergency Rations Product and Packaging description document no 69335, dated 04/04/2024.

Technical Data sheet, Comet Emergency Drinking Water & Emergency Rations Issue 1, dated 07/2023.

Technical Data sheet, Pains Wessex Emergency Drinking Water & Emergency Rations Issue 1, dated 07/2023.

TEST REPORTS

<u>Report No.</u>	<u>Report Title or Test Description.</u>	<u>Date.</u>
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24011206-1	IBEN GmbH, Chemical & Physical Food Analysis Report.	13/02/2024
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-	Gualapack spa, Vapor Barrier properties of laminates with Al 8.5µ statement and supporting documents.	01/09/2023

CONDITIONS OF CERTIFICATION

1. Each outer and inner package shall be clearly marked with the manufacturer's name or trademark, contents capacity, lot or batch number, date of expiry of the contents, recommended daily consumption per person and name of Approving Authority(s).
2. The emergency food ration packaging shall be clearly marked with, approval information including the Administration which approved it, the production lot number, the content in the package and instructions for use.
3. The emergency food ration are to be marked with a packing date and an expiry date. The expiry date shall be of no later than five years after the packing date.
4. During periodic shipboard inspections, all emergency provisions packages past their expiry date shall be replaced.
5. 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.
6. 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.

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. LR2441985SS

7. Production items are to be manufactured in accordance with a quality control procedure and records kept as required. 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.
8. 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

Wescom Signal & Rescue Germany GmbH
Vieländer Weg 147
27574 Bremerhaven
Germany

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)



This certificate is issued under the authority given in Merchant Shipping Notice No MSN 1874 (M+F) Annex 2 as amended to date.

Page 1 of 3
Certificate No: LR2441987MC
Issue Date: 12/04/2024
Expiry Date: 11/04/2029

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	Wescom Signal & Rescue Germany GmbH
Address	Vieländer Weg 147, 27574 Bremerhaven, Germany
Type	Survival Craft Equipment
Description	Pre-Packed Emergency Food Ration for liferafts and lifeboats (500g)
Trade Name	Comet Emergency Rations & Pains Wessex Emergency Rations
Specified Standard	ISO 18813:2022

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.

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

Lijo Thomas

Fire & Safety - Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2441987MC

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System 2019 and this Design Appraisal Document forms part of the Certificate.

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 1874.

APPROVAL DOCUMENTATION

Comet & Pains Wessex Emergency Drinking Water & Emergency Rations Product and Packaging description document no 69335, dated 04/04/2024.

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-	Gualapack spa, Vapor Barrier properties of laminates with Al 8.5µ statement and supporting documents.	01/09/2023

CONDITIONS OF CERTIFICATION

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3. The emergency food ration are to be marked with a packing date and an expiry date. The expiry date shall be of no later than five years after the packing date.
4. During periodic shipboard inspections, all emergency provisions packages past their expiry date shall be replaced.



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2441987MC

5. 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.
6. 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.
7. Production items are to be manufactured in accordance with a quality control procedure and records kept as required. 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.
8. 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

Wescom Signal & Rescue Germany GmbH
Vieländer Weg 147
27574 Bremerhaven
Germany

Lijo Thomas
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
Lloyd's Register EMEA



U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 160.046/55/0

Expires: 09 April 2029

EMERGENCY PROVISIONS FOR MERCHANT VESSELS

WESCOM SIGNAL AND RESCUE GERMANY GMBH
Vielander Weg 147
Bremerhaven D-27574 GERMANY

Comet/Pains Wessex Emergency Rations in hermetically sealed foil laminate package, 10150 kJ (2426 calories), net weight 500 grams (1.10 lb).

Complies with ISO 18813:2022, 46 CFR 160.046 and IMO LSA Code requirements.

Pains Wessex and Comet versions are similar except for the color of outer body and label.

Identifying Data: Force Certification A/S test report 124-23717 dated 27 February 2024, IBEN GmbH Food Composition and Energy test report 24011206-1 dated 13 February 2024, Gualapack vapor transmission test statement dated 1 September 2023, Wescom test report no: WesCom-2023-T-F&W-0002 dated 6 December 2023, and Comet/Pains Wessex Emergency Rations label drawings dated 4 April 2024.

Tests and inspections by Force Certification A/S, Brøndby, Denmark. Production test summary per 46 CFR 159.007-11 due annually in May.

*** End ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 09th DAY OF
APRIL 2024, AT WASHINGTON D.C.

A. M. PARKER
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT

TERMS: The approval of the item described on the face of the Certificate has been based upon the submittal of satisfactory evidence that the item complies with the applicable provisions of the navigation and shipping laws and the applicable regulations in Title 33 and/or Title 46 of the Code of Federal Regulations. The approval is subject to any conditions noted on this Certificate and in the applicable laws and regulations governing the use of the item on vessels subject to Coast Guard inspection or on other vessels and boats.

Consideration will be given to an extension of this approval provided application is made 3 months prior to the expiration date of this Certificate.

The approval holder is responsible for making sure that the required inspections or tests of materials or devices covered by this approval are carried out during production as prescribed in the applicable regulations.

The approval of the item covered by this certificate is valid only so long as the item is manufactured in conformance with the details of the approved drawings, specifications, or other data referred to. No modification in the approved design, construction, or materials is to be adopted until the modification has been presented for consideration by the Commandant and confirmation received that the proposed alteration is acceptable.

NOTICE: Where a manufacturer of safety-at-sea equipment is offering for sale to the maritime industry, directly or indirectly, equipment represented to be approved, which fails to conform with either the design details or material specifications, or both, as approved by the Coast Guard, immediate action may be taken to invoke the various penalties and sanctions provided by law including prosecution under 46 U.S.C. 3318, which provides:

"A person that knowingly manufactures, sells, offers for sale, or possesses with intent to sell, any equipment subject to this part (*Part B. of Subtitle II of Title 46 U.S.C.*) and the equipment is so defective as to be insufficient to accomplish the purpose for which it is intended, shall be fined not more than \$10,000, imprisoned for not more than 5 years or both."



Halal Quality Control

شهادة حلال



Scan to verify

HALAL CERTIFICATE

Awarded to:

Wescom Signal and Rescue Germany GmbH

Vieländer Weg 147, 27574 Bremerhaven, Germany

Halal Quality Control hereby awards this Halal Certificate to the above mentioned company which has been found in compliance with the following criteria:

Reference Halal Standards:

GSO 2055-1:2015, HAS 23000-1,
OIC/SMIIC 1: 2019, SNI 99001:2016

Scope of Certification:

Production of Emergency food and water for equip life rafts and rescue boats

Product Category:

C

For the Products:

See the Annex for the approved products

This Halal Certificate is the sole property of the Halal approved company and is not to be shared with unauthorized parties.

Chief Executive Officer:

Dr. A.M. ALCHAMAN



Halal Quality Control GmbH
Pallaswiesenstrasse. 63, D-64293 Darmstadt, Germany
Telephone: +49 6151-360 9850 | Email: info@hqc.eu
Control Office of Halal Slaughtering and Halal Quality Control B.V.
Headquarters | Laan van Meerdervoort. 53d,
2517 AE Den Haag, Netherlands
Website: www.hqc.eu

Client ID:	DE10310311231
Issue Date:	01/07/2024
Expiry Date:	30/06/2025
Cert. No:	DE10310301399



Scan to verify

Control Office Of Halal Slaughtering and Halal Quality Control

**مكتب مراقبة الذبح حسب الشريعة الإسلامية
مكتب مراقبة جودة الحلال**

Annex to Halal Certificate: DE10310301399

Halal Quality Control confirms that the below mentioned items fully meet the Halal Requirements criteria of the Halal Standards to which it is applied for:

Nr	Product name
1	Comet Emergency Drinking Water
2	Pains Wessex Drinking Water
3	Comet Emergency Rations
4	Pains Wessex Emergency Rations

Certificate No: DE10310301399

Date of Issue: 01/07/2024

Date of Expiry: 30/06/2025

Annex number: 01

Revision number: 1.0

Revision date: 01/07/2024

Signature of the Chief Executive Officer and Stamp:

Dr. A.M. ALCHAMAN

