

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, 2002/84/EC, 2008/67/EC and 2009/26/EC subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer	Daniamant ApS
Address	Industrivej 24c DK-3550 Slangerup Denmark
Annex A1 Item	A.1/1.2 - POSITION-INDICATING LIGHTS FOR LIFE-SAVING APPLIANCES - (a): FOR SURVIVAL CRAFT & RESCUE BOATS
Product Type	POSITION-INDICATING LIGHT FOR LIFE SAVING APPLIANCES
Product Description	Survival craft and rescue boat external flashing light - Type: "RESCUE-DAN R. EXT"
Specified Standard	IMO Resolution MSC.81 (70) Part 1 amended by Resolution MSC.226(82) ISO 24408 (2005)

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	5 July 2010	Expiry date	20 January 2014
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Certificate No. MED 0950029/M1

Signed

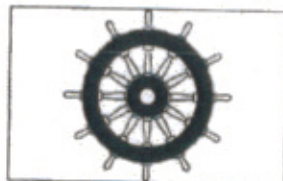
Sheet No 1 of 3

Name

L. Thomas
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.

DESIGN APPRAISAL DOCUMENT

Date 5 July 2010	Quote this reference on all future communications LDSS/TA/SFS/LT
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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No.MED 0950029/M1

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.

APPROVAL DOCUMENTATION

<u>Dwg No.</u>	<u>Rev.</u>	<u>Date</u>	<u>Drawing Title</u>
Dcelle00		07.01.2004	Emergency Rescue Light RESCUE-DAN R.EXT, samlingstegning
Dcelle00		07.01.2004	Emergency Rescue Light RESCUE-DAN R.EXT, oversigtstegning
Dcelle00		07.01.2004	Emergency Rescue Light RESCUE-DAN R.EXT, stykliste
		Jan. 2004	Operation, Maintenance & Service Instructions
StortLa 01	1	07.01.2008	Bund
5121	2	29.01.2008	Spring Contact

TEST REPORTS

Force Institute Test Report No. m1445-221620.b rev 1 dated 30th September 2004.

Force Institute, Test Report No. 117524/m1445-527 dated 9th June 1999

Force Technology, Test Report No. m1460-175564 dated 8th August 2002

Delta Danish Electronics Light and Acoustics, Test Report No. DELTA-L100223-1838 dated 18th July 2002, Test Report No. M101852-2 dated 8th February 2008 and DANAK-1910066 dated 18th February 2008

Delta Light and Optics, Test Report No. DANAK-KAP724037-1304 dated 4th May 1999

Delta Electronics Testing, Test Report No. DANAK-194537 dated 20.04.1999 - 26.05.1999

Danish Institute of Fire Technology, Test Report No. F10719 dated 19th April 1999

CONDITIONS OF CERTIFICATION

1. The battery/light unit must be replaced on or before the expiry date marked on its labels. The date of expiry shall not exceed 50% of the service life of the battery as established by the battery manufacturer.
2. Detailed fitting, maintenance and in service test instructions are to be provided to each purchaser of the subject lights.
3. Each light is to be marked with the information required by the LSA Code Regulation 1.2.2.9 and ISO 24408 Paragraph 4.3.
4. The arrangements and installation of the lights on board are not part of this design appraisal or certificate and are to be to the satisfaction of the Surveyors attending on board.

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Issue number	1

DESIGN APPRAISAL DOCUMENT

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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. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place.
7. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product Quality Assurance system (Module E) or Product Verification (Module F) of the Marine Equipment Directive.
8. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5, MSC.81(70) Part 2 Paragraph 1.2 and ISO 24408 (2005) Annexe A -Production testing and inspection procedures; they must be recorded by the manufacturer in accordance with either the approved Production Quality Assurance system (Module D), or Product Quality Assurance (Module E), or witnessed by the Notified Body (LRV) as required by the Product Verification (Module F) of the Marine Equipment Directive. 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.
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 takes 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

Daniamant ApS Industivej 24C 3550 Slangerup Denmark	Daniamant Ltd Unit 3, The Admiral Park Airport Service Road Hilsea Portsmouth Hampshire, PO3 5RQ United Kingdom
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Lijo Thomas
Lijo Thomas
Surveyor



For and on behalf of Lloyd's Register Verification
LRV EC Distinguishing No. 0038