

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, 2009/26/EC and 2010/68/EU subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer	Daniamant Limited
Address	Unit 3, The Admiral Park Airport Service Road Hilsea Portsmouth Hampshire, PO3 5RQ United Kingdom (UK)
Annex A1 Item	A.1/1.2 - POSITION-INDICATING LIGHTS FOR LIFE-SAVING APPLIANCES: (a) FOR SURVIVAL CRAFT & RESCUE BOATS
Product Type	LIFERAFT LIGHTS
Product Description	Manually controlled flashing position indicating lights for survival craft - Type: "Rescue-Master 1, Rescue-Master Lite GB"
Specified Standard	IMO Resolution MSC.81 (70), Part 1 amended by Resolution MSC.226 (82) and MSC.200(80)

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 22 November 2011 Expiry date 21 November 2016

Certificate No. MED 1150309

Signed



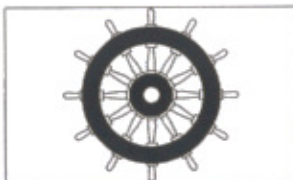
Sheet No 1 of 3

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 22 November 2011	Quote this reference on all future communications LDSO/TA/SFS/LT
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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1150309

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.

EXAMINED DOCUMENTATION

<u>Plan/Doc No.</u>	<u>Revision</u>	<u>Title or Description</u>
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TF-DK-08	01	Technical File
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Installation and Maintenance Instructions, Rescue Lite-GB/ Rescue Master 1, Issue 01 (D0095)

TEST REPORTS

Light output test, test report no 09-07, dated 7th May, 2009.

Temperature cycling test carried out at Force Institute for Rescue Master 1 survival craft internal lights, test report No:110984/m1445-481.c, dated 24-03-1999

Force Institute, test report No: 117524/m1445-527, dated 09-06-1999.

Fire test report, Danish Institute of Fire technology, File NO. F10719, dated 19-04-1999. Measurement of Chromaticity, test report No: DANAK-KAP724037-1304, dated 04-05-1999.

Vibration test, test report No: K251078, dated 03-06-1999.

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. Each light is to be marked with the information required by the LSA Code Regulation 1.2.2.9.
3. Detailed fitting, operation and disposal instructions are to be provided to each purchaser of the subject lights.
4. The arrangements and installation of the lights on survival crafts are not part of this design appraisal or certificate and are to be to the satisfaction of the Surveyors attending on board.
5. 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.
6. 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.

