

**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.

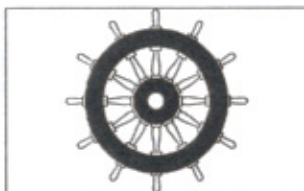
<b>Manufacturer</b>	Daniamant Limited
<b>Address</b>	Unit 3, The Admiral Park Airport Service Road Hilsea Portsmouth Hampshire, PO3 5RQ United Kingdom (UK)
<b>Annex A1 Item</b>	A.1/1.2 - POSITION-INDICATING LIGHTS FOR LIFE-SAVING APPLIANCES: (c) FOR LIFEJACKETS
<b>Product Type</b>	LIFEJACKET LIGHTS
<b>Product Description</b>	Flashing Lifejacket Light with Manual Actuated Switch – Type: "L6"
<b>Specified Standard</b>	IMO Resolution MSC 81(70) Part 1 as 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	10 August 2011	Expiry date	9 August 2016
Certificate No.	MED 1150220	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 10 August 2011	Quote this reference on all future communications LDSO/TA/SFS/LT
------------------------	---

**ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1150220**

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**

Technical File -TF001, Rev 01.

Installation and Maintenance Instruction, Issue 8.

**TEST REPORTS**

<b><u>Report No:</u></b>	<b><u>Report Title or Test Description:</u></b>	<b><u>Date:</u></b>
006-01	Prototype	03/10/2001 to 05/10/2001
007-02	8 Hour Endurance Test, Chromaticity Measurement	25/02/2002
Env/18262	Mould Growth Test Certificate	11/10/2002

**CONDITIONS OF CERTIFICATION**

1. Lights powered by batteries shall be marked with a means of determining their age or the date by which they are to be replaced. 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. The lifejacket type where the subject design of light is fitted should be tested in accordance with IMO Resolution MSC.81(70), I/10.3.3 to confirm the adequacy of their means of attachment.
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.
5. 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), a Product Verification Process (Module F).

### DESIGN APPRAISAL DOCUMENT

Date 10 August 2011	Quote this reference on all future communications LDSO/TA/SFS/LT
------------------------	---

#### ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1150220

6. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5, MSC.81(70) Part 2 Paragraph 1.2; 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. 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. Each item, batch or lot of the equipment is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity."
8. 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 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.

#### PLACES OF PRODUCTION

Daniamant Limited  
Unit 3, Admiral Park  
Airport Service Road  
Portsmouth  
Hampshire, PO3 5RQ  
United Kingdom (UK)

and

Daniamant Aps  
Industrivej 24C  
3550 Slangerup  
Denmark



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