



CERTIFICATE N°  
CERTIFICAT N° **T.C137.049.008**

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TRANSPORT CANADA  
**BOARD OF STEAMSHIP INSPECTION**  
**CERTIFICATE OF APPROVAL**

TRANSPORTS CANADA  
**BUREAU D'INSPECTION DES NAVIRES À VAPEUR**  
**CERTIFICAT D'APPROBATION**

THIS CERTIFIES THAT THE ITEM SPECIFIED HEREIN HAS BEEN APPROVED BY THE BOARD OF STEAMSHIP INSPECTION, IN ACCORDANCE WITH THE PROVISIONS OF THE CANADA SHIPPING ACT AND REGULATIONS MADE THEREUNDER AND SUBJECT TO CONDITIONS SET FORTH ON THE REVERSE SIDE.

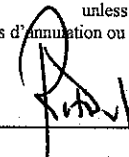
LES PRÉSENTES FONT FOI QUE L'ARTICLE MENTIONNÉ DANS LE PRÉSENT CERTIFICAT A ÉTÉ APPROUVÉ PAR LE BUREAU D'INSPECTION DES NAVIRES À VAPEUR, CONFORMÉMENT AUX DISPOSITIONS DE LA LOI SUR LA MARINE MARCHANDE DU CANADA ET DE SES RÈGLEMENTS D'EXÉCUTION ET SOUS RÉSERVE DES CONDITIONS FIGURANT AU VERSO.

ISSUED TO - TITULAIRE Daniamant Limited Unit 3, The Admiral Park Airport Service Road Portsmouth, Hampshire PO3 5RQ UK
ITEM - L'ARTICLE <b>SURVIVAL CRAFT LIGHTING SYSTEM</b> <b>"Danamiant RL5 Liferaft light "</b>
DESCRIPTION SEE ATTACHED SCHEDULE
REMARKS - REMARQUES 1. This approval is based on McMurdo test report N° 010-06 dated June 15, 2006, conducted on a prototype unit and witnessed by a Lloyds Register (UK) Surveyor. 2. Complies with SOLAS 74/83 as amended, the Life-Saving Appliance Code IV/4.1.3.3 and 4.1.3.4. 3. Attached Schedule forms part of this Certificate. 4. Condition of approval are specified on reverse side of this Certificate 5. The validity of this Certificate is contingent upon Lloyd's Register EC Type Examination Certificate remaining in force.

This approval supersedes approval number N/A dated N/A  
La présente approbation remplace l'approbation n° N/A datée du N/A

This certificate is not transferable and is effective until August 31, 2011 unless cancelled or suspended earlier by proper authority.  
Le présent certificat ne peut pas être cédé et il est valable jusqu'au August 31, 2011 à moins d'annulation ou de suspension prématuré par l'autorité compétente.

August 15, 2006  
Date

  
Deputy Chairman Board of Steamship Inspection  
Vice-président du Bureau d'inspection des navires à vapeur



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**SCHEDULE OF APPROVAL**

**Description**

The RL5 is a high intensity flashing light for mounting externally on liferafts, together with a continuous light for internal illumination of the raft. The unit is fully sealed and watertight, and comprises a battery and switch unit which houses the internal lamps, and a flying lead terminating in the external flashing lamp. The lead is detachable to allow the battery unit to be changed. All lamps are maintenance-free solid-state LEDs. A single-point breakaway toggle is provided to switch on both lamps; lamps can be controlled individually if required.

**Drawings**

Drawing No.	Issue	Title
48-00X-XXXA	1	RL5 LIFERAFT LIGHT GENERAL ASSY
48-001F	2	RL5 FAMILY TREE
48-134D	1	RL5 EXTERNAL LABEL
48-121-XXXD	1	RL5 INTERNAL LABEL
48-001-PAT	1	RL5 MTI Flow Diagram
48-001-TEST	2	Form QA4257 Issue 2 (C6033)
48-002-TEST	2	Form QA4258 Issue 2 (C6033)
90-1000D	1	D CELL LiSO2 UNFUSED
48-SPN-001	1	Specification for liferaft light Model RL5 (8 pages)

**Instructions and Markings**

All required marking shall be specified in English and French.

**Conditions**

1. The lights are to be constructed in accordance with manufacturer's drawings listed above and no departure from these drawings shall be made without prior notification to Transport Canada Marine Safety.
2. The manufacturer is responsible that every light built to this Certificate of Approval corresponds to the approved prototype.
3. Production line unit approval is conditional upon compliance with MSC.81 (70).
4. The light has to prove satisfactory in service.
5. The battery / light unit must be replaced on or before the expiry date marked on its label.
6. Each light to be supplied with instructions in both English and French in a form suitable for inclusion in the ship's on board Training Manual

This certificate may be suspended or cancelled if the manufacturer deviates from any of the conditions described herein without the prior consent of the Board of Steamship Inspection.

**End of Certificate**

