

DESIGN APPRAISAL DOCUMENT

Date 22 November 2011	Quote this reference on all future communications LDSO/TA/SFS/AP
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S110111

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.

EXAMINED DOCUMENTATION

Technical File -TF017, Rev 01.

Installation and Maintenance Instruction for L6A-EX lifejacket light Document no 79-353-001 Issue 3.

Installation and Maintenance Instruction for L6-EX lifejacket light Document no 79-317-001 Issue 3.

TEST REPORTS

<u>Report No:</u>	<u>Report Title or Test Description:</u>	<u>Date:</u>
006-01	Prototype Test Report as witnessed by a surveyor acceptable to Lloyd's Register	3 rd October '01 to 5 th October '01
010-05	Prototype Test Report as witnessed by a Lloyd's Register surveyor.	25 th July 2005
11-08	Prototype Test Report performed at TUV SUD product service laboratory UK	20 th October 2011

CONDITIONS OF CERTIFICATION

1. For compliance with SOLAS Regulation III/35 and III/36 fully detailed operations and maintenance manuals shall be supplied with each light.
2. 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.
3. Each light is to be marked with the information required by the LSA Code Paragraph 1.2.2.9 and 1.2.3.
4. 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.
5. The arrangements and installation of the lights on the lifejacket on board are not part of this design appraisal or certificate and are to be to the satisfaction of the Surveyors attending on board.
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.
7. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure compliance with SOLAS Regulation III/5.

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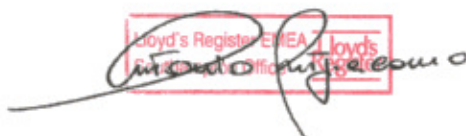
- Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81(70), Part 2, Paragraph 1.2. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered (i.e. the flag state) or those acting on behalf of that Administration.
- 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.

PLACES OF PRODUCTION

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

and

Daniamant ApS
Industrivej 24C
3550 Slangerup
Denmark



A. Prestigiacomo
Senior Surveyor
Statutory Fire & Safety
London Design Support Office
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).