

Type Approval Certificate Extension

This is to certify that Certificate No. 01/00054 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	SDT International
PLACE OF PRODUCTION	Boulevard de l'Humanite, 415 B-1190 Brussels Belgium
DESCRIPTION	Ultrasonic sound detector and transmitter
TYPE	SHERLOG
APPLICATION	Verification of marine, offshore and industrial weather tightness of hatch covers, doors, ramps and windows. For use in environmental categories ENV1 and ENV2 as described in LR Test Specification No. 1: 1996.
STANDARD	Manufacturer's Specification
OTHER TESTS	Low Temperature: (- 15° C, 16 hours) ⁽¹⁾ ⁽¹⁾ Excludes Battery

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 01/00054(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 01/00054 to which this extension should be attached.

Certificate No.	01/00054(E1)
Issue Date	13 May 2006
Expiry Date	11 April 2011
Sheet	1 of 1



M.H.A. Rufaie
London Plan Approval
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Page 1 of 1
Document number 01/00054(E1)
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 13 May 2006	Quote this reference on all future communications LPA/DAPP/ECE/TA/W01061118/MHR/O- 70818
---------------------	---

LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.
Issued to: SDT INTERNATIONAL
for: ULTRASONIC SOUND DETECTOR AND TRANSMITTER
Type: SHERLOG
TYPE APPROVAL CERTIFICATE No. 01/00054(E1)

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

ADDITIONAL APPROVAL DOCUMENTATION

Request form	31.03.2006
LR Antwerp email message	20.04.2006
LR Antwerp memo	10.04.2006
SDT letter	31.03.2006

TEST REPORTS

ABS Certificate No. AN261694-X	16.07.2002
--------------------------------	------------

Also all the documentation listed on Design Appraisal Document associated with Type Approval Certificate No. 01/00054

Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample 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 product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.



M.H.A. RUFAlE
Senior Electrical Engineer
Electrical and Control Engineering/Type Approval
London Plan Approval / Lloyd's Register EMEA
Tel. +44 (0) 20 7423 1849 Direct line

**Part 3
Recording and Indicating Instruments (Part 3)**

Producer/Licence No.	Item Description	Technical Details	Category/Additional Tests	Remarks	Cert. No.
SDT International, Boulevard de l'Humanite 415, B-1190 Brussels, Belgium.	Ultrasonic sound detector and transmitter Type: SHERLOG	Battery voltage (VDC): 12 Battery capacity (Ah): 1.2 Number of sensors: 8 Frequencies (kHz): 39.2 & 39.6 Temperature range (° C): -15 to +50	ENV1 ENV2 (1996) Low Temp. ⁽¹⁾ : -15° C, 16 hours ⁽¹⁾ Excludes Battery	Expires: 11 April 2011	01/00054(EI)

13 MAY 2006
MHA