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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

Rev 2/05

COMMUNICATION CONCERNING THE APPLICATION OF THE COUNCIL DIRECTIVE OF 20 JUNE 1972 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO A TYPE OF COMPONENT WITH REGARD TO RADIO INTERFERENCE SUPPRESSION (72/245/EEC) AS LAST AMENDED BY 2005/83/EC.

Type Approval No: e11\*72/245\*2005/83\*4050\*00

EC type-approval mark to be affixed on ESA: e11 034050

Reason for Extension: Not applicable

SECTION I

0.1 Make (trade name of manufacturer): Woodway Engineering Limited

0.2 Type: Strobe light-bars

0.3 Means of identification of type, if marked on the component:

**9M SERIES STROBE LIGHTBARS:**

Base Lightbar: 9M14\$000\_, 9M26\$000\_, 9M28\$000\_, 9M30\$000\_, 9M32\$000\_  
Options: 9MALY, 9MDALY, 9MTD1, 9MTD2, 9MDTD2, 9MH2\*\*, 9MDH2\*\*, 9MH4\*\*\*\*,  
9MDH\*\*\*\*, 9ML2\*\*, 9MDL2\*\*, 9ML4\*\*\*\*, 9MDL\*\*\*\*, 9MC4\*\*\*\*, 9MDC\*\*\*\*, PRM1S\*\*,  
9MCRUISE, 9LCRUISE, TA9M05H, TAD9M05H, TA9M06H, TAD9M06H, TA9M05L,  
TAD9M05L, TA9M06L, TAD9M06L, TA9M05H2WC, TAD9M05H2WC, TA9M06L2WC,  
TAD9M06L2WC, TA9M05S, TAD9M05S, TA9M06S, TAD9M06S, SA40, MGMO1\_,  
MGM02\_, MGC01\_, MGCO2\_, RS\*03ZCR, RS\*02ZCR

**ULTRA SERIES STROBE LIGHTBARS:**

Base Lightbar: 9U24\$000\_, 9U36\$000\_, 9U38\$000\_, 9U40\$000\_, 9U42\$000\_  
Options: 9LALY, 9LDALY, 9LTD2, 9LDTD2, 9LTD1, 9LFTA, PRL1S\*\*, 9LFFL\*\*,  
9LDFFL\*\*, 9LRFL\*\*, 9LDRFL\*\*, 9LFFI, 9LDFFI, 9LRFI, 9LDRFI, 9MCRUISE, 9LCRUISE,  
TA9LLED, TAD9LLED, TAD9LLD5, TA9L00A, TAD9L00A, TA9L05H2WC,  
TAD9L05H2WC, TA9L06L2WC, TAD9L06L2WC, SA40, MGMO1\_, MGM02\_, MGC01\_,  
MGCO2\_, OPTCONV-9L, ZE0170I\_, 9LMATRIX, RS\*03ZCR, RS\*02ZCR

**LFL PATRIOT SERIES STROBE LIGHTBARS:**

Base Lightbar: LL14\$000\_, LL26\$000\_, LL28\$000\_  
Options: LLALY, LLAM1, LLTD2, LLTDM1, LLTD1, SLCRUZ\*\*, LLFFM\*\*, LLRFM\*\*,  
LLFFL\*\*, LLRFL\*\*, LLTALED5, LLTALED, LLTATIR5, LLTATIR6, OPTCONV-LL,  
ZE0170I\_, LLMATRIX, RS\*03ZCR, RS\*02ZCR

\* Indicates LED/LENS colour. Replace with: A=AMBER, B=BLUE, C=WHITE/CLEAR,  
G=GREEN, R=RED.



\_ Indicates a none EMC related part number component such as mounting type, connector type etc.

\$ Indicates a part number component representing the lightbar length.

0.3.1 Location of that marking: Label on top or base of unit

0.5 Name and address of manufacturer:

Woodway Engineering Ltd  
Lower Road  
Barnacle  
Coventry  
CV7 9LD  
United Kingdom

Name and address of authorised representative, if any: Not applicable

0.7 In the case of components and separate technical units, location and method of affixing of the EC type-approval mark: Part of label noted in section 0.3.1 or separate label

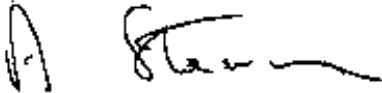
0.8 Address(es) of assembly plant(s):

Woodway Engineering Ltd  
Lower Road  
Barnacle  
Coventry  
CV7 9LD  
United Kingdom

Whelen Engineering  
Route 145  
Winthrop Road  
Chester  
CT06412  
United States of America



**SECTION II**

1. Additional information (where applicable):
2. Technical service responsible for carrying out the tests: SGS UK Ltd
3. Date of test report: 28 December 2006
4. Number of test report: AUT105337/GT/1/106
5. Remarks (if any): (See Appendix)
6. Place: BRISTOL
7. Date: 11 JANUARY 2007
8. Signature:  A. W. STENNING  
Head of Product Certification
9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

EAG078708



**APPENDIX**

to EC Type Approval Certificate No: e11\*72/245\*2005/83\*4050\*00  
concerning the type approval of an electric/electronic sub-assembly with  
regard to Directive 72/245/EEC as last amended by Directive 2005/83/EC

1. Additional information
  - 1.1 Electrical system rated voltage: 12 (or 24 where stated) volt negative earth
  - 1.2 This ESA can be used on any vehicle type with the following restrictions: 12 (or 24 where stated) volt negative earth
    - 1.2.1 Installation conditions, if any: See instructions supplied by the manufacturer
  - 1.3 This ESA can only be used on the following vehicle types: Not applicable
    - 1.3.1 Installation conditions, if any: Not applicable
  - 1.4 The specific test method(s) used and the frequency ranges covered to determine immunity were (please specify precise method used from Annex 1X): 20 to 400 MHz (BCI at 60 m-Amps) 400 to 2000MHz (Free-field at 30 V/m)
  - 1.5 Laboratory accredited to ISO 17025 and recognised by the Approval Authority (for the purpose of this Directive) responsible for carrying out the test: SGS UK Ltd
5. Remarks: None

(1) *Delete as applicable*

(2) *If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this information document/type-approval certificate, such characters shall be represented in the documentation by the symbol '?' (e.g. ABC??123??).*

