



EC TYPE EXAMINATION (Module B) CERTIFICATE MARINE EQUIPMENT DIRECTIVE Certificate No.: 0832-MED-1086

This is to certify that BRE Global Ltd, as specified as a "notified body" under the terms of the Statutory Instrument 1999 No. 1957 The Merchant Shipping (Marine Equipment) Regulations 1999, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Fire protection of Marine Equipment Directive (MED) 96/98/EC as modified by Directive 2013/52/EU subject to any conditions in the annex attached hereto.

Applicant/
Distributor:

Haes Systems Ltd
Columbia House
Packet Boat Lane
Cowley Peachey
Uxbridge
Middlesex, UB8 2JP

Manufacturer:

Haes Systems Ltd
Columbia House
Packet Boat Lane
Cowley Peachey
Uxbridge
Middlesex, UB8 2JP

Product Description/
Identification:

(see attached annex)

Annex A.1 Item designation: A.1/3. 51 – Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies*, machinery spaces and unattended machinery spaces – Control and Indicating Equipment and Power Supply.

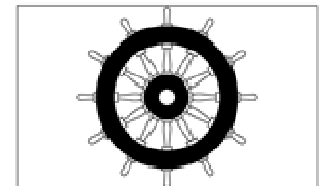
* See Applications/Limitations note 3.

Specified Standard:

IEC 60092-504: 2001
IEC 60533: 1999
EN 54-2: 1997 + A1: 2006
EN 54-4: 1997 + A1: 2002 + A2: 2006

Signed on behalf of BRE Global Ltd

T. Baker
Certification Scheme Manager



Issue date: 15 June 2015
First issued: 15 June 2015

Issue: 01
Valid Until: 14 June 2020

BRE Global Ltd., Garston, Watford WD25 9XX. Tel +44(0) 333 321 8811 Fax +44(0)1923 664603 www.breglobal.co.uk
This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions and is maintained and held in force through regular surveillance activities.
To check the authenticity of this certificate please contact us.



EC TYPE EXAMINATION (Module B) CERTIFICATE
MARINE EQUIPMENT DIRECTIVE
Certificate No.: 0832-MED-1086

The examination encompassed the modules of conformity assessment of Annex B, EC Type Examination (Module B).

This Certificate is issued under the authority of the MCA under the terms stated above and remains valid for a period up to but not exceeding 5 years unless cancelled or revoked, providing the conditions in the attached annex are complied with and the equipment remains satisfactory in service.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with BRE Global.

Subject to compliance with the conditions in the attached annex, which forms part of this certificate, and those articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the 'Mark of Conformity' to the product described herein. This certificate on its own, does not entitle the manufacturer to place the EU mark of conformity (wheelmark) and notified body number on the product, unless conformity assessment module D or E or F have been carried out in addition to Module B.

Signed on behalf of BRE Global Ltd

T. Baker
Certification Scheme Manager

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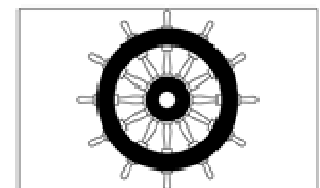


Annex to
EC TYPE EXAMINATION (Module B) CERTIFICATE
Certificate No.: 0832-MED-1086
SCHEDULE OF APPROVAL

Product Description	<p>Esento-MAR</p> <p>ESEN-2MAR (2 zone) & ESEN-4MAR (4 zone) Conventional CIE housed in a small cabinet ESEN-8MAR (8 Zone), ESEN-12MAR (12 Zone) Conventional CIE with Zone expansion board housed in a large cabinet.</p>
Testing/Assessment	<p>Tested according to the following standards</p> <p>IEC 60092-504: 2001 IEC 60533: 1999 EN 54-2: 1997 + A1: 2006 EN 54-4: 1997 + A1: 2002 + A2: 2006</p> <p>The technical documentation in support of this certificate is located within the LPCB project file E123246</p>
Applications/Limitations	<p>1) The Control and Indicating Equipment and Power Supply has an IP rating of IP40 2) The devices have been tested to the prescribed vibration levels for general use.</p> <p>This Certificate does not apply to equipment which has been varied or modified from the systems tested. The manufacturer must submit modified equipment for consideration by this Agency prior to any modifications being made to equipment supplied to market.</p> <p>This certificate does not entitle the manufacturer to place the EU mark of conformity (Wheel mark) and Notified body number on the product, unless conformity assessment module D or E or F have been carried out in addition to Module B.</p>

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Certification Scheme Manager



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