

## EC TYPE EXAMINATION CERTIFICATE

Certificate No:  
**MED-B-9493**  
Item No:  
**A.1/3.51**  
Job Id:  
**344.1-004543-1**

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2012/32/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL under the authority of the Government of the Kingdom of Norway.

### This is to certify:

**That the Fixed fire detection and fire alarm systems**

with type designation(s)

**Multi-Spectrum Infrared Flame Detector FL4000H**

Issued to

**General Monitors Inc**  
**Lake Forest CA, United States**

is found to comply with the requirements in the following Regulations/Standards:

**Annex A.1, item No. A.1/3.51 and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation II-2/7 & X/3, 2000 HSC Code 7, FSS Code 9 and IMO MSC.1/Circ.1242**

Further details of the equipment and conditions for certification are given overleaf.

**Høvik, 2014-11-21**  
for **DNV GL**



This Certificate is valid until  
**2019-11-20**

Notified Body No.: **0575**

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**Marianne Strand Valderhaug**  
**Head of Department**

DNV GL local office:  
**Long Beach**

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**Andrzej Gdaniec**  
**Surveyor**



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



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- IEC 60092-504 (2001) including IEC 60092-504 Corrigendum 1 (2011)
- IEC 60533 (1999)
- EN54-10: (2002) including A1(2005)

### **Marking of product**

For identification to this type examination certificate the products shall be marked with:

- Manufacturer's name or trade mark
- Type designation
- Mark of Conformity (see below)

### **Mark of Conformity**

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.