




This supplement to the M100/M100X Maritime Survivor Locating Device User Manual contains important safety information relating to the use and maintenance of the M100X variant for use in explosive atmospheres. Please read this supplement carefully.

## WARNINGS

### SPECIAL CONDITIONS FOR THE SAFE USE OF THE M100X.

Failure to comply with the following warnings could result in the ignition of explosive atmospheres.

-  The M100X is for operation in Zone 2 only. It shall not be operated in Zone 0 or Zone 1 areas.
-  Do not open the M100X or attempt to change the battery in a hazardous area.
-  Maintenance and battery exchange shall be carried out by authorised service centres only. Any attempt to open the unit by non-authorised personnel will invalidate the certification of this device.

## Certification

The M100X MSLD has been tested and certified to compliance with EN60079-0 and EN60079-11 for the European ATEX directive 2014/34/EU and to the IEC Certification Scheme for Explosive Atmospheres (IECEx).

### ATEX/IECEx classification

Category ..... 3 G  
Equipment protection level (EPL) .....Gc  
Protection zone: ..... Zone 2  
Group:..... IIB (Ethylene)  
Temperature classification: .....T4 (135°C)  
Type of protection: ..... Intrinsically safe  
Temperature range: ..... -20°C to +55°C

See [iecex.iec.ch/iecex/iecexweb.nsf/welcome](http://iecex.iec.ch/iecex/iecexweb.nsf/welcome) for certification details. Search for Ocean Signal.

The M100X is manufactured in the United Kingdom by:

Ocean Signal Ltd.,  
Unit 4, Ocivan Way,  
Margate  
CT9 4NN  
United Kingdom



## EU Declaration of Conformity

We, Ocean Signal Ltd., hereby declare that the following specified equipment complies with the essential requirements of the following EU directives

Equipment Description: Maritime Survivor Locating Device .....  
 Type: M100X .....  
 Manufactured by: Ocean Signal Ltd. ....  
 Address: Unit 4, Ocivan Way, Margate, CT9 4NN, United Kingdom,.....

For the Radio Equipment Directive, 2014/53/EU, this equipment has been tested to verify compliance with the following Regulations and Testing Standards:

Article 3.1(a) EN60945 Ed4 (Section 9 & 10) .....  
 Article 3.1(b) EN60945 Ed4 (Section 12) .....  
 Article 3.2 EN303 098-2 v1.2.1, EN302 961-2 V1.2.1 .....  
 Article 3.3(g)<sup>1</sup> N/A.....

For the ATEX directive, 2014/34/EU, this equipment has been tested to verify compliance with the following Regulations and Testing Standards:

EN60079-0, EN60079-11.....

ATEX type examination certificate ..... ITS16ATEX201047  
 Issued by .....Intertek Testing & Certification Ltd  
 IECEX Certificate of Conformity .....IECEX ITS 16.0033  
 Issued by .....Intertek Testing & Certification Ltd

Product affixed with the following marks and identification:

**CE**      **Ex**      **3 G**      **Ex ic IIB T4 Gc**

A Technical Construction File for this equipment is retained at the following address:

Unit 4, Ocivan Way, Margate, CT9 4NN, United Kingdom

Signed: 

Date: 10<sup>th</sup> June 2022

Name: Mark Newton

Position: Approvals Manager

Address: Unit 4, Ocivan Way, Margate, CT9 4NN, United Kingdom

Appointed by the manufacturer as the responsible person for signing this Declaration

<sup>1</sup> Where a 3.3(g) requirement is identified