

User Manual

rescueME  **MOB1**

**Maritime Survivor  
Locating Device**

English



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## IN CASE OF EMERGENCY



**Use only in situations of grave  
or imminent danger**



NOTE: Refer to section 5.4 for deactivation instructions.

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## 1. GENERAL

### 1.1 Introduction





The rescueME range of products provides the user with the latest technology specifically designed for compact size and ease of operation.

### 1.2 Exposure to RF Electromagnetic Energy

This product also complies with EN62479 (EU) and RSS-102 (Canada).

This product has been evaluated for compliance with the FCC RF exposure limits given in CFR 47 part 1.307(b) at a distance of greater than 2cms.

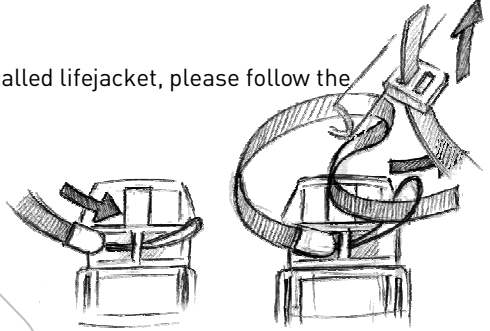
### 1.3 Warnings

-  An AIS-MOB Man OverBoard device is only intended for short range signalling to an AIS receiver installed onboard your own vessel. It will not directly alert the emergency services or other vessels.
-  This equipment is not intended for routine tracking of persons or property. This includes routine tracking of divers.
-  If self-test is performed more frequently than once a month, then battery life may be reduced.
-  This radio device is designed to only provide an effective alerting and locating capability in close proximity to a vessel. This radio beacon is NOT an EPIRB. Cette radiobalise est conçue uniquement dans le but de fournir une fonction d'alerte et de localisation efficace à proximité immédiate d'un navire. Cette radiobalise n'est PAS une RLS.

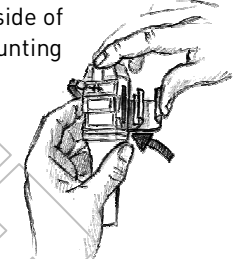
## 2. Lifejacket Installation

If your rescueME MOB1 is not already pre-installed lifejacket, please follow the instructions below carefully.

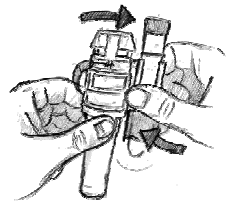
- Loop the strap through the operating clip.



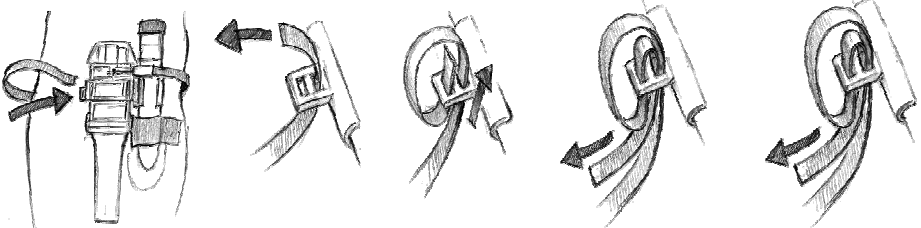
- Clip the bracket to the MOB1 so that the MOB will be on the outside of the inflation tube. The following diagrams assume that the mounting is to the left of the inflation tube. On most occasions it is preferable to mount to the outside of the tube.



- Clip the MOB1 to the inflation tube

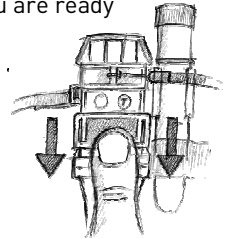


- Wrap the strap around the life jacket. When looping the strap through the bracket, make sure that the strap is not twisted. Tighten the strap when complete.



- Mounting the MOB to the right. Follow steps 2-4 but swap over to the right. When looping the strap through the bracket, make sure it has not twisted in the process.

- Arm the MOB. Once the MOB is fully attached to the life-jacket, you are ready to arm the device.



• Testing

• MOB Installation sticker

## 3. MMSI configuration

### 3.1 Self Identification

The MOB1 is supplied with the self identification number pre programmed. This number is specific to each MOB1 and cannot be changed. The MMSI displayed on the AIS receiver will always start with '972' irrespective of the country it was purchased in.

### 3.2 User MMSI

(Applies to DSC enabled units only)

To be able to send DSC messages to your vessel, the MMSI number of the vessel needs to be programmed into the MOB. This is achieved using a PC based application and the PC screen.

#### 3.2.1 Installation

The programming software for the can be downloaded from [www.oceansignal.com/installers/MOBconfig.msi](http://www.oceansignal.com/installers/MOBconfig.msi)

Save the file to your computer and open it to run the installer. Follow the instructions on screen.

#### 3.2.2 Configuration

Run the application from the desktop icon. The screen shown will appear. Select the **Screen** button.

Enter the nine digit MMSI of the vessel in the box provided and select update beacon. **After the MMSI has been**

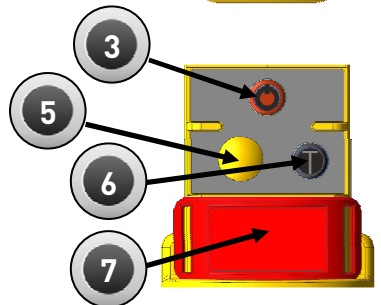
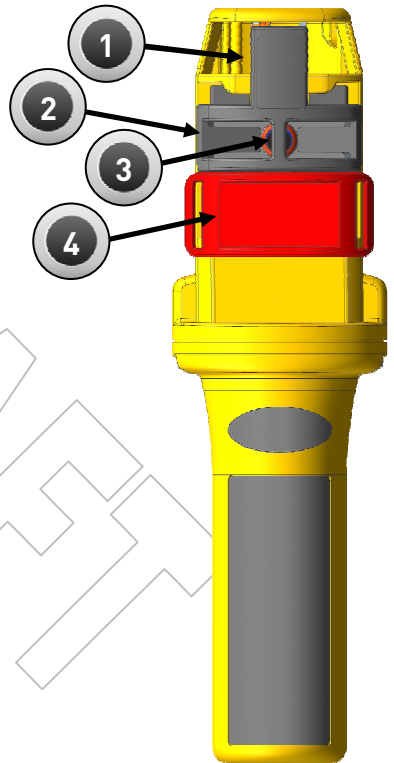






## 4. MOB1 OVERVIEW

- 1) Antenna behind activation slide
- 2) Activation slide
- 3) Manual Activation Button
- 4) Arming Slide (in **safe** position)
- 5) Strobe and Indicator LED
- 6) Test (and Off) button
- 7) Arming Slider (in armed position)



MOB1 Controls shown  
in activated condition




- Press and hold the ON key for over 5 seconds to transmit a single DSC All Ships Distress Alert. This should only be done in a dire emergency, if it is obvious that your alert is not being acted upon by your own vessel. After the key is pressed, the Green LED will start flashing then become steady. Release the key to commence transmission of a single DSC transmission. The LED will blink rapidly to indicate a DSC Distress is being transmitted, Red if there is no position available and green when the GPS position is being received.

## 5.4 Deactivation

To deactivate your MOB1 after use or if it is accidentally activated, press the **TEST** until the LED flashes red twice, then release.



 The AIS/GPS test should only be attempted with a clear view of the sky.

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APPENDIX

## **6.4 Maintenance and Troubleshooting**

Your MSLD will require little maintenance except periodic cleaning, if required. Always use a damp cloth to clean the case and dry thoroughly. Do not use solvents or other cleaning fluids as this may cause the plastics to deteriorate. Ensure the antenna is free to unwind.

## **6.5 Batteries**

The MOB1 contains Lithium batteries for long operating life. Your battery must be replaced either after the expiry date or after the MSLD has been activated, even if only for a short period of time. Battery replacement must be done at an Ocean Signal authorised battery replacement centre.

## **6.6 Transport**

When shipping your MSLD the following guidance and regulations should be followed, but you are advised to contact your nearest battery replacement centre or Ocean Signal prior to shipping as regulations may have changed.

- Always pack your MSLD securely in a stout cardboard carton. Ocean Signal advises that you keep the original packaging in case of return for service.
- For surface transport the MSLD may be shipped under special provision 188.
- For air transport the MSLD should be shipped as category UN3091 and packed under IATA packing instruction 970 section II. If you are hand carrying your MSLD on an aircraft please contact you airline for advice.

## **6.7 Disposal**

Care should be taken when disposing of your MSLD when it is no longer required. It is recommended to remove the battery from the MSLD by removing the case lid. The case screws are covered by the top label. Dispose of the battery in accordance with local waste regulations. Please note that the MOB1 is not user serviceable and opening the case will invalidate the warranty.







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## 6.10 Limited Warranty

Your Ocean Signal MOB1 is warranted against manufacturing defects in materials and workmanship for a period of **5 years** from the date of purchase and in accordance with the following conditions.

Ocean Signal will at its discretion, repair or replace faulty product free of charge excluding the cost of shipping. Proof of purchase shall be required in order for a warranty claim to be valid from the original purchaser. All claims shall be made in writing to Ocean Signal or an approved service dealer.

Ocean Signal shall not be liable to the buyer under the above warranty:

- for any repairs or modifications carried out on the MSLD using parts that are not supplied or approved by the manufacture Ocean Signal including batteries and for work carried out other than by Ocean Signal or approved service dealers,
- for any part, material or accessory that is not manufactured by Ocean Signal the consumer will be covered by the guarantee / warranty offered to Ocean Signal by the manufacturer or supplier,
- for product which has not been fully paid for,
- for any product supplied by Ocean Signal to a customer under an alternative warranty agreement,
- for the cost of shipping product to and from the customer.

The Battery is only warranted until the date of expiry and provided the unit is tested in accordance with the information in the user manual. This warranty does not apply to a used battery as indicated by the electronic witness (see page 8).

The following specific items are excluded from this warranty:

- Activation flap
- Antenna

This warranty does not affect your statutory rights. This warranty is to be interpreted under English law.

For further assistance please contact our Technical Service Department.

Email: [service@oceansignal.com](mailto:service@oceansignal.com)

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

[info@oceansignal.com](mailto:info@oceansignal.com)  
[www.oceansignal.com](http://www.oceansignal.com)

