



Overboard Recovery Communications Apparatus Receiver ORCA® RX-103 Quick Reference Guide

Parts Overview (figure 1)

- A - Liquid Crystal Display (LCD)
- B - Piezoelectric Buzzer
- C - Power Connector
- D - RX Antenna Jack
- E - GPS Antenna Jack
- F - Power On/Off
- G - Fuse Holder

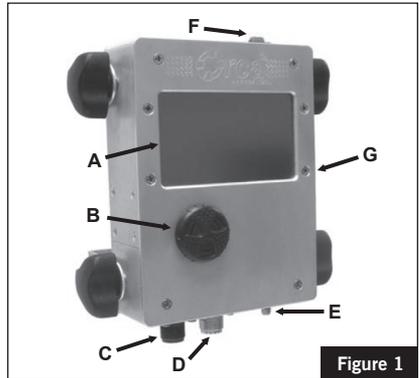


Figure 1

Operation and Use

Audible alarm:

When the receiver detects the FM signal emitted by the transmitter, the buzzer emits a 95 dB (max) audible alarm. The audible alarm will continue to sound until 1). the transmitter is turned off, sending an All Clear signal to the receiver, or 2). the Silence button is pressed. The receiver volume is set by pressing the "Settings" button on the main screen of the LCD.

Visual alarm display:

The LCD is touch screen display and interface.

- Man Overboard!
- ID of beacon and ship
- Condition of beacon battery
- Location of ship at time of alarm
- Elapsed time since alarm sounded

Each receiver functions as follows:

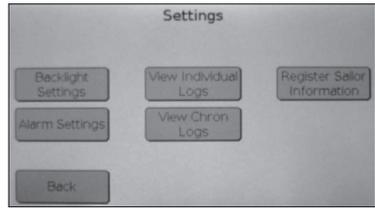
- When a transmitter from own ship is activated, an alarm signal (continuous warble) is sounded. The ship type, hull number, and the serial number of the transmitter are displayed on the LCD along with the elapsed time beacon battery status and location.
- When a transmitter from another ship is activated and within range, an alarm signal (chirp) is sounded and the ship type and hull number as well as the serial number of the transmitter is displayed on the LCD.

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Backlight button (on home screen):

During low light or no light situations, press the Backlight button to illuminate the LCD. Press the Backlight button again to turn off illumination. See figure 2.

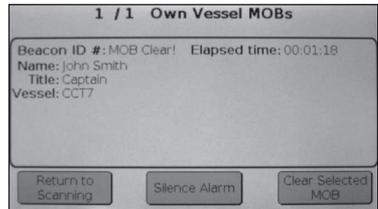
Figure 2



Clear MOB button (from alarm screen):

Press the Clear MOB button to remove ID(s) from receiver's memory. This function is provided to allow the user the ability to remove the ID information from the system in the event it did not receive the All Clear from a transmitter. This button will only appear once a beacon has been activated. See figure 3.

Figure 3



Silence button (from alarm screen):

Press the silence button to silence the audible alarm. See figure 3.



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