SAFETY SYSTEMS
FOR MARITIME
SURVIVABILITY
& RESCUE

orca®
DF-101
MAN OVERBOARD ALARM

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IN USE ON EVERY U.S. NAVY SHIP

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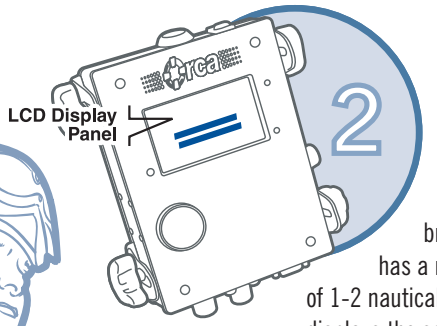
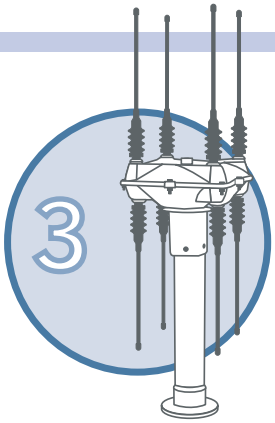
ORCA® DF-101
MAN OVERBOARD ALARM

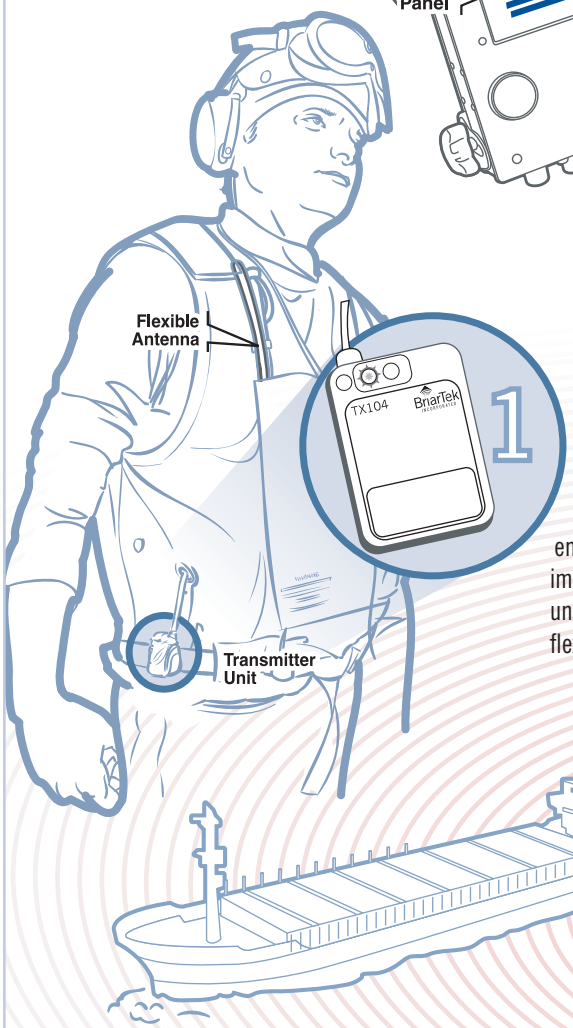
The ORCA® Man Overboard Alarm and Location System is an innovative new system that allows for immediate, rapid recovery of personnel who have fallen overboard.



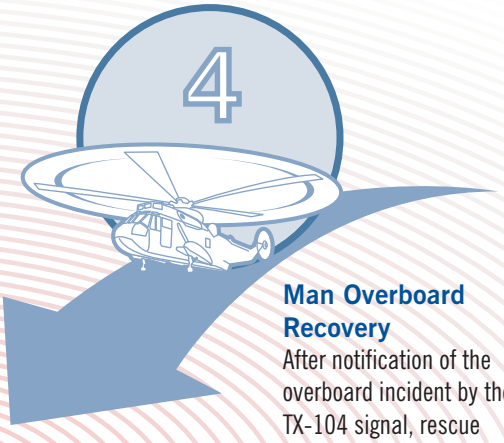
Receiver
The transmitter's signal triggers an audible alarm at the bridge-mounted **Receiver** which has a normal surface-to-surface range of 1-2 nautical miles. The LCD immediately displays the sailor's identification information.



Radio Direction Finder Antenna
The antenna locates the transmitter's VHF signal. Transmitters can be tracked up to 18 nautical miles. Relative bearing information is displayed on the **Radio Direction Finder Display**.



Transmitter
On deck, personnel are equipped with a matchbox-sized, serialized **Transmitter** unit. In an overboard emergency, 3-5 seconds of saltwater immersion automatically activates the unit, sending out a VHF signal via the flexible antenna.



Man Overboard Recovery
After notification of the overboard incident by the TX-104 signal, rescue authorities are able to locate and recover the survivor.

ORCA® DF-101 Direction Finder Specifications

Direction Finder

Size:	4.721" x 3.901" x 2.347"
Accuracy:	+/-5 degrees
Power Source:	12–36 VDC @ 250–500ma
Type:	Phase interferometer
Frequency:	121.5 MHz

Features

- Array antenna including eight rigid elements with integral stainless steel shock springs
- Dimmable display
- Qualified for Grade B, Class I Shock and Vibration IAW Mil-STD-901D
- Display and array rated to IP67

1548 Jayken Way, Suite A, Chula Vista, CA 91911 | 858.505.0061
3129 Mount Vernon Avenue, Alexandria, VA 22305 | 703.548.7892
15 East Oak Street, Zionsville, IN 46077 | 317.250.6023

www.briartek.com

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