

ORCA-DSC IS A
SAFETY SYSTEM
FOR MAN
OVERBOARD &
RECOVERY



Immediate Alerting

You'll know the instant someone is overboard



IN USE ON **EVERY**
U.S. **NAVY** SHIP


BriarTek
INCORPORATED

www.briartek.com

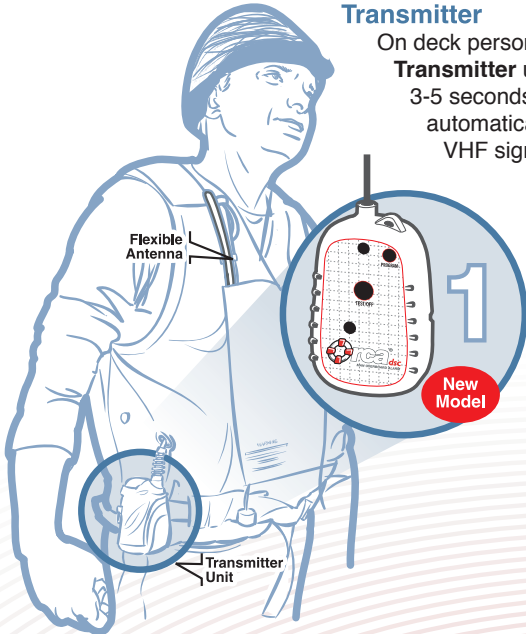
San Diego, California | Alexandria, Virginia | Indianapolis, Indiana



The ORCA® Digital Selective Calling (DSC) and Location System is an innovative new system that allows for immediate, rapid recovery of a sailor who has fallen overboard.

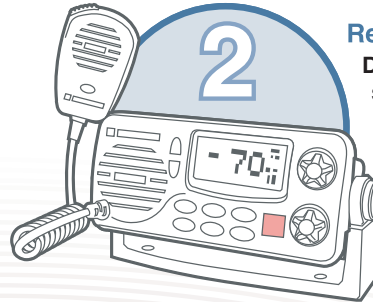
Transmitter

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



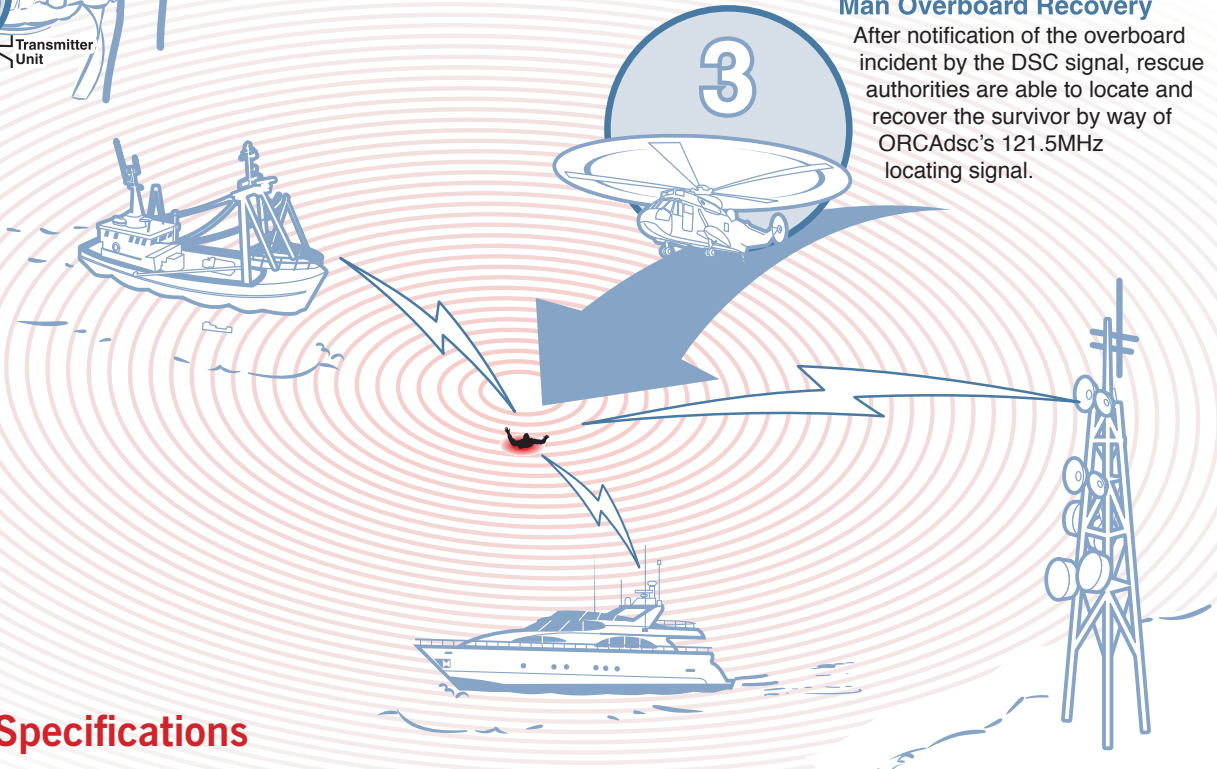
Receiver

DSC-VHF Radio - The transmitter's signal triggers the audible DSC alarm on the ship's own DSC-VHF Radio. The transmitter's DSC message will also trigger all DSC-VHF radios programmed with a similar group ID.



Man Overboard Recovery

After notification of the overboard incident by the DSC signal, rescue authorities are able to locate and recover the survivor by way of ORCA's 121.5MHz locating signal.



ORCA_{dsc} Specifications

Transmitter

Size: 3.5" x 2.27" x 0.93"
 Weight: 3.1 oz.
 Battery: CR123, 3V
 Activation: Water activated, salt water only activated
 Safety light: Daylight visible

Receiver

The ORCA_{dsc} transmits its alerting signal on Channel 70 (156.525 MHz) directly to any compliant DSC-VHF radio. There is no need to install additional equipment on your vessel in order to receive an audible Man Overboard Alarm.

Optional Equipment

Direction Finder

Accuracy: +/- 5 degrees
 Power Source: 12-40 VDC @ 125ma
 Type: Phase interferometer