

NEW ORCA S-10
SAFETY SYSTEMS
FOR SUBMARINE
ESCAPE &
RESCUE

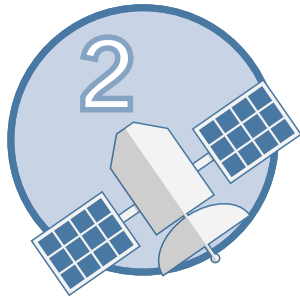


BRIARTEK'S NEWEST BEACON FOR SUBMARINES

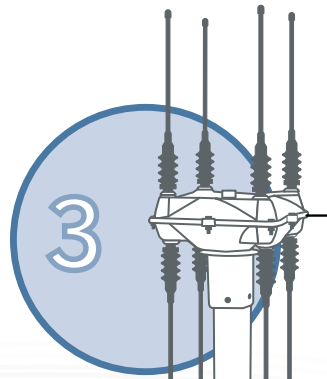




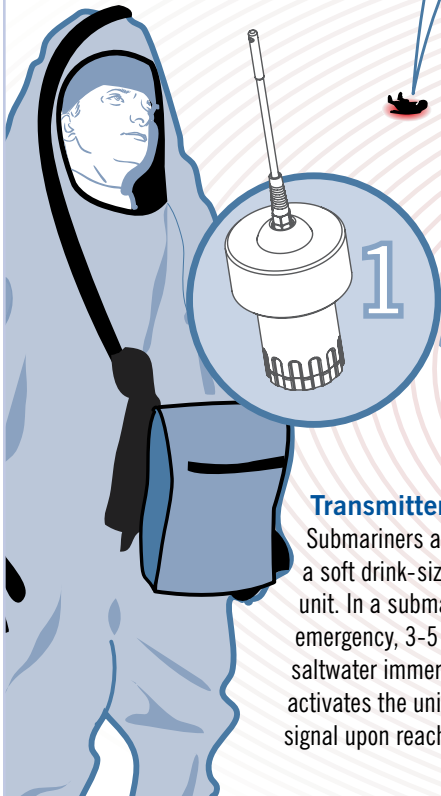
The ORCA® S-10 Submarine escape beacon is an innovative new system that allows for immediate, rapid recovery of personnel who have escaped from a stricken submarine.



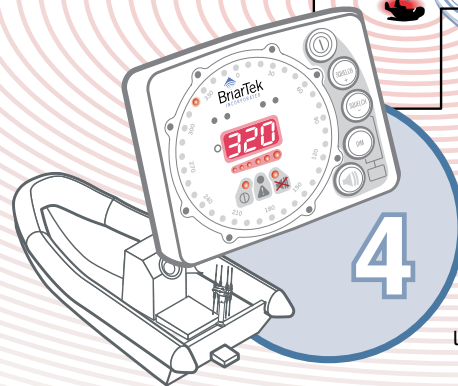
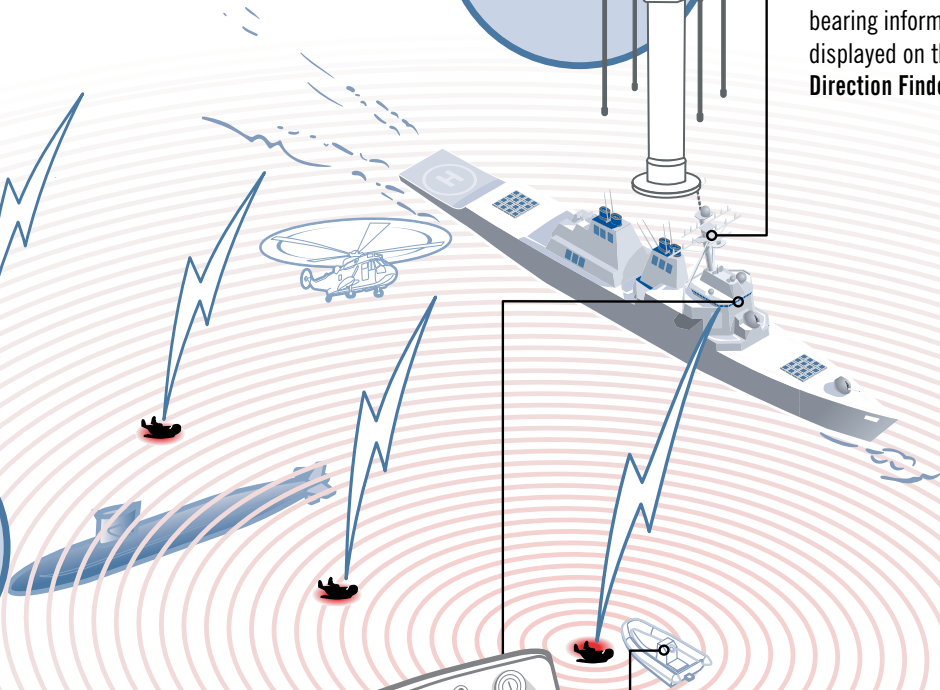
Satellite Tracking
Beacon transmits to a signal that can be continually tracked and monitored by the satellite.



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



Transmitter
Submariners are equipped with a soft drink-sized **Transmitter** unit. In a submarine escape emergency, 3-5 seconds of saltwater immersion automatically activates the unit, sending out a signal upon reaching the surface.



Radio Direction Finder
A bridge mounted unit allows immediate and coordinated rescue to be directed from the ship. A portable unit installed on the ship's Rigid Hull Inflatable Boat speeds SAR directly to the survivors. Transmitters can be tracked up to 5 (RHIB) to 60 (air) nautical miles.

ORCA® S-10 Specifications

Transmitter

Size: 4.25" x 14.6118"
Weight: 18 oz.

Battery: 4 User-replaceable CR123 lithium
Activation: Manual, fresh and salt water activated, and saltwater only activated

Safety Light: 2.25 candella daylight visible
Depth Rated: 450 meters