



DARS Underwater Recovery System



The **Diver/Asset Recovery System (DARS)** allows Public Safety Divers (PSD) to easily relocate subsea assets and other divers during search and recovery missions in the poorest conditions. When you look at the investment the Team makes in equipment and, more importantly personnel, the DARS system is very cost effective insurance to significantly improve the safety of all diver operations.

The DARS system consists of an underwater acoustic pinger(s) which is attached to the diver or asset, like a ROV or side-scan sonar, during search operations. The pinger is water-activated and sends an acoustic signal through the water that can be tracked and quickly located by a diver held pinger receiver. Each pinger has a unique frequency (signature) that allows the divers or asset to have an ID during the operation to assist in a quick recovery. The pinger is battery operated and uses an off-the-shelf 9 volt battery providing 30 days or more of operational life.

To track and locate these pingers quickly the DARS system includes a state-of-the-art directional pinger receiver that is diver operated and easy to use. Using both audio and visual indication, a standby-diver can locate the diver or asset with a pinger

- ◆ **Rugged and Reliable**
- ◆ **Easy to Use**
- ◆ **Ensures Quick Recovery**
- ◆ **Ideal in Poor Visibility**

attached within minutes in the poorest diving conditions with very little training. The pinger receiver is battery operated and designed to be used by divers with a rugged and reliable design which requires little maintenance.

The DARS system comes in two configurations. The **DARS-3** consists of a **DPR-275** diver operated pinger receiver with underwater headset and battery charger. Included with the DARS-3 are three **ULB-350** underwater location pingers with three different frequencies, 27, 37, 45kHz. The equipment is supplied in a rugged weatherproof shipping case for easy deployment. For expanded operations or training, the **DARS-7** consists of the DPR-275 diver operated pinger receiver and seven **ULB-364** underwater pingers. The ULB-364 allows the operator to customize the pinger with nine different frequencies between 27 and 45kHz to provide optimum flexibility. Used by the U.S. Navy to protect their assets, you can count on the reliability of the equipment when you need it the most.

Both the DARS-3 and DARS-7 recovery systems provide a public safety dive team with a cost effective means of protecting their most important assets, the PSD. *Contact us today for a quote.*



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DARS Underwater Recovery System



DARS-3 Underwater Recovery Kit: Includes DPR-275 Diver Pinger Receiver, Underwater Headset, Battery Charger, Three ULB-350 Underwater Location Pingers

DPR-275 Diver Pinger Receiver



SPECIFICATIONS

Frequency Range: 5 to 80 kHz
Bandwidth: 1 kHz
Sensitivity: 80db
LCD Display: Frequency/Low Battery
LED Display: Signal Strength Meter
Power Source: Rechargeable Battery
Battery Life: 8 Hours
Operating Depth: 660 ft
Weight in Air: 4.5 lbs
Weight in Water: 12 oz.
Housing Material: Corrosion Resist Delrin
Housing Dimensions: 10.0" (L) x 4" (Dia)

ULB-350 Underwater Location Pinger



SPECIFICATIONS

Operating Frequency: 27, 37, and 45kHz
Acoustic Range: 1500 to 2000m
Activation: Water Switch
Power Source: 9 V Alkaline or Lithium Battery
Operating Life: 30 Days to 60 Days
Operating Depth: 4000 Feet
Weight: 8.5 oz
Housing Material: HDPE
Dimensions: 4.50" (L) x 2.0" (Dia)

ULB-364 Underwater Pinger



SPECIFICATIONS

Operating Frequency: 27 thru 45kHz
(User Adjustable)
Acoustic Range: Up to 2000m
Activation: Water Switch
Power Source: 9 V Alkaline or Lithium Battery
Operating Life: 30 Days to 180 Days
Operating Depth: 3000 Feet
Weight: 1.8 Lbs
Housing Material: Aluminum
Dimensions: 8.0" (L) x 2.25" (Dia)



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