



The SeaShadow, manufactured by Analysis & Technology, is the only DPV designed and built to meet military applications.

Developed for the U.S. Navy EOD Teams, the SeaShadow Diver Propulsion Vehicle will transport one or two divers with cargo to an operational area quickly and efficiently. With a range of six nautical miles it will expand your ability to insert personnel, gather ordnance intelligence, and conduct post assault clearance operations in very shallow water (VSW).

The SeaShadow offers long range capability and operational mobility with its unique mechanical design. With its modular concept the vehicle can be rapidly configured for either one or two man operations. Deployment from either a small boat or the shore line is very easy with the SeaShadow and does not require special handling or lifting equipment and assembly takes only minutes with hand tools.

The SeaShadow folds into itself for storage, and once folded and stowed in its optional transit case, it's "stowage footprint area" is greatly reduced. The SeaShadow is extremely maneuverable and easy to operate because it combines proven commercial thrusters, a streamlined hydrodynamic body and state of the art electronics. Once in the water, the operator inserts a magnetic "Kill Switch" and powers up the vehicle. The internal electronics runs through a series of self-tests and the main "Operational Display" becomes visible.

Information on speed settings, calculated thrusts, and estimated time remaining on batteries is displayed. Powered by lead-acid batteries stowed in two separated storage tubes, the vehicle flies through the water using two thruster motors at speeds up to 5 knots.

The operator maneuvers SeaShadow by moving the bow planes and/or varying the thrust of the motors. All controls are tucked in the hydrodynamic nose assembly along with a navigation console that gives the operator compass heading, depth, and time for total distance and individual legs. Optional equipment to complement the vehicle includes a miniaturized acoustic marking and relocation system for parking the vehicle.

Rugged and reliable, the vehicle uses an anodized aluminium frame with stainless steel hardware and high-density poly-ethylene plastic to provide strength and maximum corrosion protection.

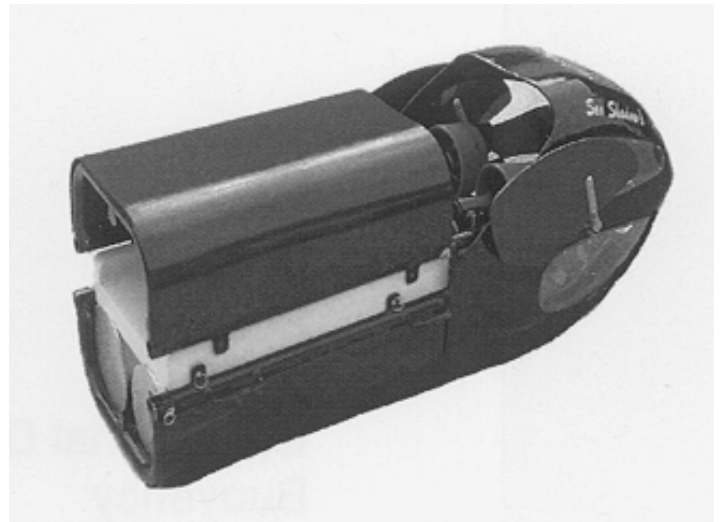
The SeaShadow is also easy to maintain and most repairs can be done in minutes. The high capacity lead-acid batteries can reach up to 200 life cycles before battery replacement. A full technical manual is provided with each vehicle and technical training is also available.

The SeaShadow is not just another DPV, but a well designed and rugged transport for divers and cargo to meet your undersea mission needs.



## Specifications

Range:	6 Nautical Miles (11 km)
Speed:	Cruising 2-3 Knots
Maximum:	4-5 Knots
Operational Depth:	30 Meters (98.50 ft)
Buoyancy:	Negative 0.05 Kg (1 lbs)- Adjustable
Power Source:	24 VDC Rechargeable Lead Acid Batteries
Activation:	Magnetic Kill Switch
Motors (2):	Port and Starboard @ 31 foot/lbs. Per Motor
Speed Control:	Variable, Electronic With Manual Backup
Drift Error:	Electronically Compensated
LCD Display of System Status:	*Battery Voltage per Motor *Time Remaining on Battery per Motor *Percent Thrust per Motor *Depth
Navigation:	Underwater Compass with Digital Chronometer and Depth Gauge
Safety Features:	Magnetic "Kill Switch", Propeller Guards
Weight:	121 Kg (266 lbs)
Material:	Black Polyethylene Molded Housing With 6061 Anodized Aluminium Frame with Stainless Steel Hardware
Size:	One Man 190 cm x 106 cm x 55 cm (6.3" x 3.6" x 22") Two Man 290 cm x 106 cm x 55 cm (9.6" x 3.6" x 22")



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